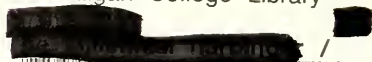
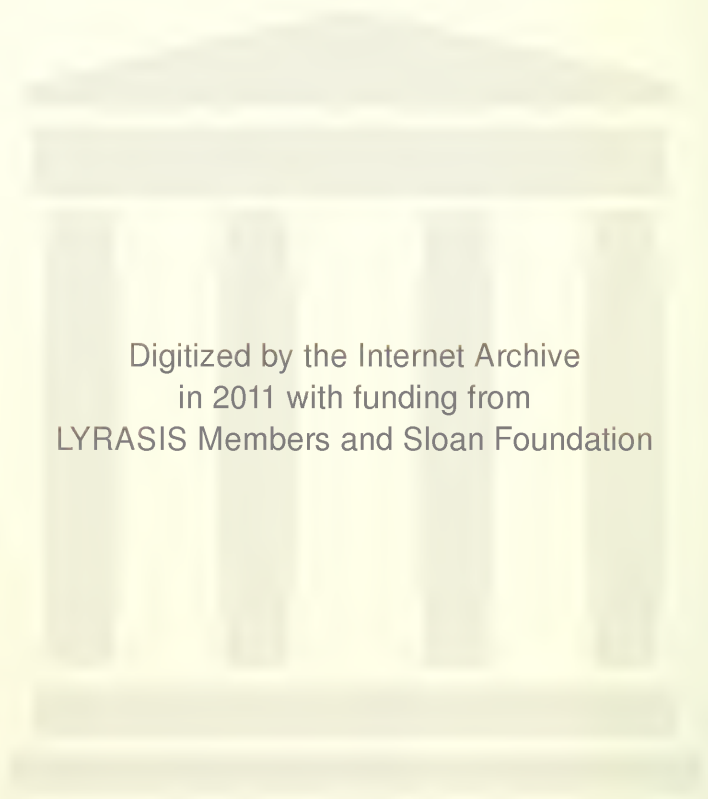


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Miligan College

BULLETIN 1977-78

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Milligan College holds full membership in the following accrediting agencies and professional organizations:

The Southern Association of Colleges and Schools

The National Council for the Accreditation of Teacher Education

The Association of American Colleges

The Tennessee College Association

The Council for the Advancement of Small Colleges

The Council of Protestant Colleges

The Affiliated Independent Colleges of Tennessee

The American Association of Colleges for Teacher Education

The Volunteer State Athletic Conference

The National Association of Intercollegiate Athletics

The Tennessee Intercollegiate Athletic Conference

The College Placement Council

The Association for Schools, Colleges, and University Staffing

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Milligan College is an Equal Opportunity Institution. It does not discriminate on the basis of race, color and national or ethnic origin.

Milligan College

AN EXPERIENCE IN LIVING



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NATURE OF THE COLLEGE



HERITAGE

Milligan College is located in Upper East Tennessee in the territory that was once the lost state of Franklin, an area rich in history and tradition.

At Sycamore Shoals, near the campus, the Watauga Association adopted a constitution providing for self-government, prior to the Declaration of Independence. A few miles from the College, American troops assembled for the famed march to the Battle of King's Mountain which proved to be the turning point in the American Revolution. Toward the West are the homes of General John Sevier and Colonel John Tipton, early heroes of the Volunteer State. Jonesboro, the first capital of Tennessee, is some ten miles west of the campus. Rocky Mount, the original capital of the Southwest Territory, is some ten miles north of the campus. The homes and land of two of Tennessee's great governors, Robert and Alfred Taylor, are adjacent to the campus.

In the third decade of the Nineteenth Century, freedom-loving people introduced the Restoration principle into the religious life of the area. Milligan College owes its beginnings to the school conducted in the old Buffalo Church which is now the Hopwood Memorial Church.

On December 10, 1866, Buffalo Male and Female Institute, under the leadership of Wilson G. Barker, was chartered by the State of Tennessee. A building was constructed, and instruction was begun the next year. In 1875 the leadership of this academy was transferred to Josephus Hopwood, a native of Kentucky.

In 1881 he laid the cornerstone for an expanded building. At the same time he announced the elevation of the institution to collegiate rank and the new name, Milligan College. This name was chosen to honor Professor Robert Milligan of Kentucky University (Transylvania), whom President Hopwood regarded as the embodiment of Christian scholarship and Christian gentility.

President Hopwood sought to establish a four-fold program in the College. He looked to the physical sciences as the source of man's conquest of the earth. He regarded history, philosophy, and the social studies as the source of human self-knowledge and self-government. He thought of professional and vocational education as the means of sustaining a free social order and of reducing scientific knowledge to the service of men in material civilization. He accepted a knowledge of revelation and the possession of Christian faith as the necessary control through which mankind could establish and maintain a culture in blending the first three. To this end he adopted the motto, "Christian Education—the Hope of the World."

President Hopwood continued in the presidency until 1903 when he left Milligan to found a college in Virginia. Dr. Henry Garrett, a member of the faculty, was elevated to the presidency.

Upon President Garrett's resignation in 1908 Dr. Frederick D. Kershner, president of the American University, Harriman, Tennessee, was elected to the presidency. Dr. Kershner was a brilliant young scholar and was soon to be in demand by a larger institution. In 1911 he left Milligan to assume the presidency of Texas Christian University.

From 1911 to 1915 the College was under the leadership of three different men: Tyler E. Utterback, Everett W. McDiarmid, and James T. McKissick.

In 1915 Dr. Hopwood, who had completed the founding of colleges in Virginia and Georgia since leaving Milligan in 1903, returned for a two-year, ad-interim presidency.

In 1917 Henry J. Derthick was inaugurated as the eighth president of Milligan. During this period Milligan College, with the support of many patrons living a considerable distance from the campus, served many young people from the Southern Highlands. The campus was expanded to some sixty acres, and the facilities of the College were increased. The Administration Building was rebuilt after a fire;

Pardee Hall was built as a dormitory for men; Cheek Activity Building was constructed for recreational purposes; and a number of smaller buildings were added. Dr. Derthick succeeded in bringing the College through World War I and the Great Depression, preserving the academic integrity and quality of the College.

Dean Charles E. Burns succeeded to the presidency in 1940, just prior to the American entrance into the Second World War. In the crisis of that period, Milligan offered its entire facilities to the United States Government. From July of 1943 to the spring of 1945 a Navy V-12 program was conducted. Milligan was the only college in the United States given over completely to a Navy program.

The civilian work of the College was resumed under the presidency of Virgil Elliott in 1945. Two major problems confronted the College at this time. The breaking of ties with alumni and friends during the Second World War proved to be a serious handicap. No less difficult was the task of assisting a large number of ex-GI's to effect a transition from military to civilian life.

Dr. Dean E. Walker came to the presidency in January 1950 from a twenty-five year professorship in the Butler University School of Religion.

Recognizing the need of the small college to play an increasingly large part in the educational program of our land, the College adopted a long-range development program. Students were enlisted from a larger area, encompassing most of the States and several foreign countries. A financial program was undertaken to stabilize the College; the endowment was increased; existing buildings were renovated and newly furnished; new patrons were sought for the College; the curriculum was expanded; and higher faculty standards were established.

During Dr. Walker's administration the campus was expanded to more than 135 acres of land. New buildings added included the Student Union Building, Sutton Hall, Webb Hall, the P. H. Welshimer Memorial Library, the Seeger Memorial Chapel, and Hart Hall.

On November 1, 1960 Milligan received the Quality Improvement Award administered by the Association of American Colleges for the United States Steel Foundation. On December 1, 1960 Milligan was admitted with full accreditation into membership in the Southern Association of Colleges and Schools. On September 1, 1968 the National Council for the Accreditation of Teacher Education granted accreditation for the programs to prepare elementary and secondary teachers at the bachelor's degree level.

In June 1968 Dr. Jess W. Johnson, having served in the capacity of Executive Vice-President for two years, was elevated to the presidency of the College on the retirement of President Dean E. Walker, who became the Chancellor of the College. The campus has continued to develop under Dr. Johnson's leadership. The Faculty Office Building was built in 1969, and the Science Building was dedicated in May 1972. In November of 1976 the Steve Lacy Field House was completed.

Throughout her history Milligan has maintained an active relationship to a religious movement committed to the restoration of New Testament Christianity. The Christian people participating in this movement consistently disclaim denominational status, and the faculty and trustees of the College maintain an intelligent awareness of a commitment to this position. The members of Milligan feel that such a non-denominational position permits them to examine all aspects of life, secular and religious, in the light of the New Testament, unrestricted by human tradition. In this view of Christian faith, all vocations, avocations, and associations permitting the exercise of fellowship under the Lordship of Christ are expressions of good citizenship under God, in state, in church, and in society. In Milligan tradition the student is confronted with a synthesis of learning regarded by the College as essential to his understanding of and personal responsibility in his various relationships in life for the stewardship of which he must give account before God and his fellowmen.

CHARACTER

The Milligan tradition is expressed in the motto "Christian Education—the Hope of the World." The curriculum includes a study of the Holy Scriptures as a requirement for the bachelor's degree. This requirement derives from the belief that God is revealed in His only begotten Son, Jesus, the Christ. This belief gives meaning to human life and is the only force of sufficient moral strength to create educational ideals of the highest order and to inspire the integrity to achieve them.

Milligan College has been co-educational from the beginning of its history. This policy rests upon the conviction that the problems of the entire social order are better solved when men and women share alike in basic knowledge.

It is a distinguishing characteristic of Milligan College that Biblical data is introduced into the content of each course taught. Such teaching is assured by the selection of a faculty in cordial sympathy with this view. A primary objective is including Christian understanding and practice in the total of life's attitudes and activities.

It is a further significant characteristic that Milligan believes this objective obtainable through the presentation of the data of Christianity in its original form, the New Testament.

Accordingly, no denominational or creedal tests are imposed upon any student in admission to membership in Milligan College or in the attainment of any of its honors, awards, or degrees.

The liberal arts are defined in Milligan College as those studies and disciplines through which the spirit of man is freed and further endowed with moral power. The study of these arts is thus essential to the attainment and maintenance of a civilization of free men. The concept of freedom can be held only by those individuals who recognize the dignity and sanctity of human life. The possessor of that life, however, can enjoy the highest potential only through the disciplines of sound learning. It is this learning which gives direction and meaning to life through time into eternity. A personality so equipped is the master of skills and facts, is never dominated by them and uses them for the service of mankind and of God.

Thus, the purpose of liberal education is the development of persons to whom may safely be entrusted the vast scientific and technical knowledge and skill developed by research.

Such a program includes more than the pursuit of "secular" studies in a "Christian atmosphere." It contemplates the inter-penetration of the three great bodies of learning: the realm of nature, the realm of humanity, and the realm of divinity. The practical application of the resultant synthesis in both vocational and leisure activities characterizes the life of a truly educated man.

Another characteristic of Milligan College is the sense of obligation assumed by the faculty. Applicants for admission to membership in Milligan are considered in the light of this searching question: "What can we do for this student?" Therefore, with regard to each applicant who possesses adequate secondary education and expresses an acceptance of the approach described above, the College addresses itself to this question: Has Milligan sufficient facilities and understanding to realize the end product envisioned?

Membership in Milligan College consists of those who sustain a relationship in one of the following categories: the Board of Trustees, the Board of Advisers, the Administration, the Faculty, the Student Body, and the Alumni. This membership is a privilege conferred by the Institution and involves reciprocal responsibilities and concerns. Admission to membership in any one of the divisions is extended by the College at its discretion through established channels.

Admission to membership in Milligan College carries with it a pledge of responsibility by the student that he will subject himself to the rigorous discipline of the

above program. Men and women who choose to decline this responsibility forfeit the privilege of membership in the College. The College, therefore, reserves the right to refuse, suspend, or dismiss any student. Public disclosure of reasons shall be at the discretion of the President.

SPECIFIC OBJECTIVES

Since its beginning Milligan College has sought for its students the following objectives:

A Positive, Personal Christian Faith That Jesus Is Lord and Saviour.

The expression "Jesus is Lord and Saviour" is to be understood in the historical Biblical significance. Jesus, the Man of Nazareth, is God's Son, therefore, both Saviour and Lord of Life. The attainment of positive, personal Christian faith means the commitment of the life to this Jesus.

An Insight Into Christian Ethics Will Guide the Conduct of His Life.

This involves a recognition of the norms of human conduct that derive their sanction from the Christian faith.

The Capacity to Recognize and Assume His Responsibility in Society.

One of the main functions of education is to arouse within the individual an awareness of his indebtedness to his fellowmen, to foster a desire on his part to assume this responsibility, and to prepare him to fulfill his obligation to society.

The Knowledge, Meaning, and Application of Sound Scholarship.

The student is led to develop a respect and enthusiasm for sound scholarship, such as will inspire him to seek it with diligence and perseverance.

Preparation for Securing for Himself and Family a Comfortable Standard of Living.

This may be accomplished through training in personal and public health, courses of study designed to develop the quality of aesthetic appreciation, a background of basic liberal arts courses, plus the selection of a field of interest which will provide an adequate livelihood.

Participation in Wholesome Recreational Activities.

Participation in wholesome recreational activities is a worthwhile experience to the individual who participates. This may be accomplished through intramural sports, intercollegiate sports, dormitory living, student union fellowship, and student-initiated recreational activities.

STUDENT LIFE

Residence

All students not commuting from their homes are expected to live in housing facilities provided by the College and to board at the dining hall. Other arrangements are subject to approval by the Dean of Students.

Dormitory rooms are equipped with all necessary furniture. Students supply blankets, pillows, bedspreads, curtains, rugs, study lamps, and accessories.

The College reserves the right to inspect dormitory rooms at all times.

The Dormitory Resident will be required to approve the use and condition of each room.

Students are responsible for the use and condition of their rooms. Damage to the room or its furnishings will be assessed to the occupants of the room.

All residence halls and the dining hall are closed during college vacations. Students will not be permitted to stay on campus during these periods.

Married Student Housing

Milligan College has available thirty-two apartments for married students. These are two-bedroom units. They are totally electric, including heating and air-conditioning. All of the apartments are equipped with kitchen appliances and carpeting. The units are unfurnished. Contact the Dean of Students for additional information.

Regulations

Milligan College is intent upon integrating Christian faith with scholarship and life. Because of this Christian commitment, Milligan College values the integrity of each individual. However, the action of each person affects the whole community. During attendance at Milligan each student is considered a representative of the College whether he is on the campus or away.

Among the rules of conduct enforced by the College, the following are called to the student's attention:

1. Individual or collective student enterprises which use the College name or involve the absence of the participants from the College must receive the official sanction of the College Administration.
2. Dishonesty in examinations, in class work, or in any other aspect of college life is regarded as a serious offense.
3. Milligan College has a deep concern for the present and future health of its students. It particularly is concerned with the serious problems and consequences related to the use of alcoholic beverages and illegal drugs. Therefore, the use of alcoholic beverages or illegal drugs by a Milligan student, whether on the campus or away, will subject the student to disciplinary action, suspension or dismissal.
4. Social dancing is not a part of the Milligan tradition.
5. The use of tobacco is discouraged because of health reasons. The use of tobacco is restricted to designated areas.

Automobile

The privilege of using an automobile is granted to all students. The College will not be responsible for any personal or public liability growing out of the student's use or possession of the car on or off campus.

A parking fee of \$2.00 per semester will be charged.

Rules governing student use of motor vehicles are determined and administered by the Dean of Students, assisted by the Student Government.

Social Activities

All social activities should first be approved by the faculty sponsor and then entered on the College Calendar in the office of the Academic Dean. All such activities will be attended by the faculty sponsors of the organization involved. The College seeks to encourage the development of an active and meaningful social life for all students.

Dormitories

The Resident in each dormitory, in conference with the dormitory council, helps create an atmosphere which is most conducive to the best community life in the dormitory. The Resident is assisted by Resident Assistants as part of the staff of the Dean of Students. General dormitory regulations are the responsibility of the dormitory councils in cooperation with the Dean's staff.

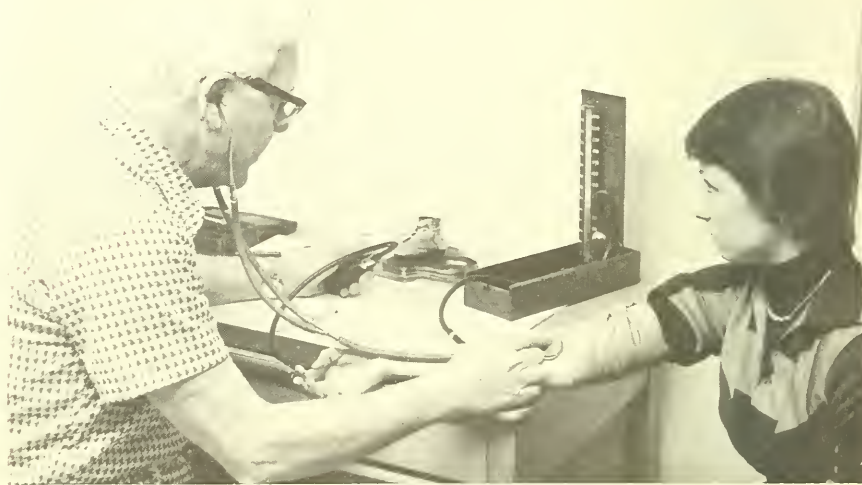
Friendship

The visitor to the Milligan campus invariably notices the friendliness and the spirit of comradeship which characterize the entire Milligan circle, faculty and students alike. Each student has an adviser. This experienced faculty member is concerned not only that the student excel academically but also that he benefit from the opportunities afforded by a small college environment.

Provision for a well-rounded social life receives special attention. Recreational and social activities are planned by student committees working with the faculty Initiative in student participation is encouraged.

The cultivation of high ideals and good habits, together with their expression in social poise and consideration for others, is a major concern.

Since faculty members regard each student as a younger friend, individual counsel and other friendly help are always available to each student. We speak of "membership" in Milligan College rather than "attending" Milligan College.



Campus physician, Dr. J. T. Smedley

Health

The services of a college physician and nurse are provided in a clinic on the campus to care for minor ailments and any emergency. Students are expected to report at once to the college nurse any illness or accidents.

Milligan takes every reasonable precaution to prevent accidents and illness.

The College cannot assume financial liability for off-campus physician and hospital services. Most families are protected today for medical and hospital claims through special insurance programs. For those not so covered, the College will offer assistance in arranging an insurance program through a reliable insurance company; otherwise, the parents must provide a statement releasing the College from financial responsibility. All students participating in inter-collegiate athletics are required to show coverage in an accident and hospitalization program.

Mental and social health are also a concern of the College. A Director of Counseling is available for assistance. In addition the services of area mental health facilities can be utilized. However, the College is not equipped to promote long-range, in-depth psychoanalytic or psychiatric care.

Religious Life

Regular church attendance is encouraged of all Milligan students. Opportunities for worship are provided on campus each Sunday in Seeger Memorial Chapel and the Hopwood Memorial Christian Church and off campus in many churches in the area. Many students find opportunities for service as well as wide fellowship through both city and rural churches in the vicinity of the College. Regular convocation services are conducted in the chapel by the College twice a week.

The student has many opportunities to develop his prayer and devotional life. There are several churches in the area which have Sunday and mid-week services. Many students close their day's activities in small prayer groups in the dormitories. More formal prayer services are held frequently in the dormitories and in Seeger Memorial Chapel. The William E. Sweeney Memorial Chapel in Seeger Memorial Chapel provides a quiet place for devotions and meditations during the day and at nightly vespers.

Participation in the Christian Service Club is open to all students. This organization meets the first Monday of each month. It also sponsors informal vesper services. The aim of the club is expressed in the motto: "Fellowship of Christian Outreach." There are seven specific areas of outreach: 1) the Milligan family, 2) low-rent housing areas, 3) East Tennessee Children's Home, 4) Appalachian Christian Village, 5) convalescent homes, 6) radio programs, and 7) gospel teams. There are also discussion sessions at different times during the week which help the students get to know one another in Christian love.

Student Ministerial Association is an organization of ministerial students and members of the faculty who are ministers. The meetings of the Association are designed to present the challenges and opportunities of the Christian ministry.

The Missions Club is an organization of all students interested in the missionary work of the church, both at home and abroad. The club seeks to disseminate information about the various mission fields and the recruitment of missionaries.

Representative Organizations

Operating under a constitution approved by the administration of the College, the Student Government Association serves as the official representative voice of Milligan students and promotes academic, social, and religious activities for the campus community.

Student Government Association consists of the following elected members: the president, vice president, secretary, treasurer, the president of each class, four other representatives from each class, (two female and two male), dormitory presidents, commuter president, and two commuter representatives.

The Dormitory Councils are organizations responsible for community life in the dormitories.

Music

In recent years the musical activities of Milligan College have received national recognition. The Milligan College Concert Choir, observing professional standards of concert literature, has traveled widely in the United States. This group includes appearances in high schools, churches, and church conventions in its annual tour.

The Milligan Chorale is devoted to the study and performance of great musical literature of all centuries. The Chorale presents programs at many local functions.

The Chamber Singers is a small group of selected voices. Various performance experiences include the annual Madrigal Dinners.

Athletics

Milligan College encourages participation in intercollegiate athletics. A limited number of grants-in-aid will be awarded each year on a merit basis.

Milligan College is represented in intercollegiate athletics in basketball, baseball, tennis, softball, volleyball, track and field, and soccer.



The intramural program of athletics is designed to encourage participation by all the students in some sport. A choice of sports is offered in basketball, touch-football, volleyball, archery, tennis, badminton, table tennis, swimming, and softball.

Students interested in golf may secure, for a small green fee, playing privileges at the Elizabethton Golf Club, one mile from the College, and at the Pine Oak Golf Course in Johnson City, three miles from the College, and at the Buffalo Valley Country Club, five miles from the College.

The Thomas F. Staley Distinguished Christian Scholar Lecture Series

Each year the Thomas F. Staley Foundation sponsors the Staley Distinguished Christian Scholar Lecture Series. The Foundation is firmly persuaded that the message of the Christian Gospel, when proclaimed in its historic fullness, is always contemporary, relevant, and meaningful to any generation. Past lecturers have included Dr. James H. Jauncey, Dr. Edwin Orr, Dr. Elton Trueblood, Dr. Arthur F. Glasser, Dr. George K. Schweitzer, Dr. S. Scott Bartchy, and Dr. Calvin Thielman.

Lecture-Concert Series

The Milligan College Concert-Lecture Series is designed to contribute to the cultural life of the campus by personal appearances of performing artists, entertainers, and lecturers on various subjects of current interest.

The P. H. Welshimer Lectures

The P. H. Welshimer Lectures have been established by Mrs. Mildred Welshimer Phillips and Mr. Ralph Welshimer in memory of their father, the late Dr. P. H. Welshimer, Canton, Ohio.

The Welshimer Lectures, in addition to perpetuating the memory of the late Dr. Welshimer, are intended to develop creative thought in the fields of New Testament Christianity and the Restoration Movement to which Dr. Welshimer dedicated his life.

Since its founding in 1958 the lecturers for this series have been:

1958	Dr. W. R. Walker
1959	Dr. Ard Hoven
1961	Dr. R. M. Bell
1963	Dr. James H. Jauncey
1964	Dr. J. D. Murch
1966	Marshall Leggett
1967	Dr. John Baird
1968	Dr. James G. Van Buren
1972	Dr. Joseph H. Dampier
1973	Mildred Welshimer Phillips
1974	Milligan College Faculty
1975	Clarence Greenleaf

Publications

Students interested in journalism or creative writing may find an opportunity for self-expression through the medium of **The Stampede**, the College newspaper.

The yearbook of the College, **The Buffalo**, presents a pictorial history of the year's activities.

The College literary magazine, **Helicon**, accepts original work from students and faculty.

Professional, Social, and Recreational Organizations

All professional and social organizations of Milligan College are designed to aid the students in fulfilling themselves and reaching their full potential religiously, socially, and creatively. The following organizations were organized by students and have received the sanction of the College. Additional professional or social organizations may be added to this list upon the initiative of several students who present a charter to the College, select a faculty adviser, and demonstrate that the desired organization is in keeping with the purposes and philosophy of Milligan College.

Students preparing for careers in the healing arts are eligible for membership in the Pre-Med Club. The club serves to introduce students to the opportunities in the medical and allied professions. Physicians and specialists in the medical profession are invited to the club meetings to discuss topics related to their work.

The Philosophy Club provides an informal atmosphere for the discussion of contemporary and historical philosophical questions in order to promote greater student interest in the study of philosophy. Membership is open to all students.

Milligan College has been granted the Tennessee Alpha chapter of the Phi Sigma Tau, a National Honor Society.

Phi Beta Lambda is a national business honorary society for business administration, economics, and secretarial science majors.

The Student Union Board is an extension of the Student Government Association. It plans movies and concerts and other student activities of a popular nature.

The "M" Club includes all students who have won the letter "M" for performance in an intercollegiate sport.

Membership in the Footlighters is open to all students who are interested in any phase of play production. The club produces several plays and assembly programs during the year.

Alpha Psi Omega is a national honorary dramatic fraternity to which students are elected for outstanding performance in dramatics.

The Buffalo Ramblers is an informal association of those members of the Milligan family who enjoy exploring on foot the scenic gorges, peaks, caves, and waterfalls surrounding the College.

International students meet regularly for fellowship and discussion of matters of mutual interest.

The Physical Education Club includes in its membership students who are majoring in this field. The organization develops an interest in sports and physical education.

Phi Eta Tau is a Physical Education honorary sorority.

Students preparing for a teaching career find membership in the Student National Education Association helpful. Topics of discussion in the club meetings are related to specific areas of service in the teaching profession.

The Psychology Club is open to students who wish to participate in research and experimentation in addition to regular classroom work. Members keep informed on the latest developments, graduate opportunities, and professional openings in this expanding field. Current films, lectures, visits to relevant institutions, and social fun form the basis of regular meetings throughout the year.

Music Educators National Conference has a student chapter whose main project is sponsoring a choral festival for area high school students. These students also sponsor receptions after some concerts and serve as ushers for these events.

The Pre-Law Club is a professional organization which promotes the study of law, government, and politics. During the second semester, the club makes an annual field trip to Washington, D.C. Each spring the club also sponsors an annual "Mock Senate" which is open to student participation.

The Student Union Building serves the social and service needs of the student body. It is a place for fellowship, for purchase of supplies and food, and for relaxation and games.

THE CAMPUS

Milligan College occupies a campus of more than one hundred and thirty-five acres, rising eastward from the banks of Buffalo Creek. Richly endowed by nature and enhanced by skillful landscaping, the grounds possess unusual beauty.

Anglin Field, with its baseball diamond and quarter-mile track, lies in the low campus along the Buffalo banks. This attractive field is important in the activities of intercollegiate and intramural sports and the physical education classes. The field was completely rebuilt in 1966.

In 1971 Mr. and Mrs. John Stout, Sr. furnished a flag pole and small park at the edge of the field. This presentation was made in memory of their son Willard, who was a 1957 graduate of Milligan.

The Administration Building occupies the site on which the original brick building of the College was erected in 1867. Several years later a large wing was added to this structure. In 1918 most of this building was destroyed by fire. It was rebuilt in 1919. In addition to the classrooms located in this structure are the offices of the Academic Dean, the Registrar, the Director of Financial Aid, and the Director of the Institute of World Studies/Church Growth.

The P. H. Welshimer Memorial Library is a modern, fire-proof, air-conditioned building of three floors. Holdings consist of more than 104,000 volumes and 400 current periodicals. The building was first occupied in November 1961 and was the gift of the T. W. Phillips, Jr. Charitable Trust and the Phillips family of Butler, Pennsylvania, after an initial gift by the Kresge Foundation of Detroit, Michigan. The office of the President is located on the second floor.



Steve Lacy Fieldhouse

The Steve Lacy Field House was funded by gifts from the B. D. Phillips Memorial Trust and the Kresge Foundation, making it possible for Milligan College to accept a grant from Educational Facilities Laboratories. This is the first air-cable structure in America, and it contains a regulation basketball court, a 25 meter swimming pool, indoor track, classrooms, and other facilities designed to accommodate Milligan's philosophy of life time sports.

The Seeger Memorial Chapel was dedicated November 24, 1967. This beautiful Colonial edifice occupies the center of the campus with its spire—192 feet above ground level—overlooking the campus. The Chapel is a multi-purpose structure serving the College in worship, instruction, lectures, concerts, and dramas. The main sanctuary-auditorium will seat 1300. The lower auditorium will accommodate 350. The Chapel was made possible through major gifts by Mr. Ura Seeger, Lebanon, Indiana and Mr. and Mrs. B. D. Phillips, Butler, Pennsylvania.

In January 1972, a new science building was occupied. Utilizing the most modern design in educational construction, the building has five 24-station laboratories, two classrooms, a 300-student lecture hall, and several special-purpose rooms.

Hardin Hall was built in 1913. This three-story brick building is a residence hall and houses the Business Office, the Office of Admissions, and Director of Placement. The building honors Mr. and Mrs. George W. Hardin, who were intimately associated with the College for many years.

Pardee Hall was erected in 1919 as a gift to the College by Mr. and Mrs. Calvin Pardee. It stands on the slope of the hill above the middle campus.

The Mary Hardin McCown Cottage, the campus hospitality house, is the building formerly occupied by the President of the College. Visitors may receive information concerning the campus at this Center. Other offices in the building are those of the Director of Development, Office of Student Enlistment, Director of Alumni and Communications, and Director of Church Relations.

The Student Union Building grew out of the determination of the students to help themselves. Sensing the need of a place to gather, T. P. Jones and Randy Cooper marshalled sentiment and resources from the students. The students volunteered labor, solicited funds, and began construction in 1951. The building was completed and dedicated in 1955.

Sutton Memorial Hall stands on the high campus toward the east. The residence floors have thirty suites, each with two rooms and connecting bath. The hall contains a large social room, a dining hall seating about 400, the kitchen, and storage rooms. The hall bears the name of Webb and Nanye Bishop Sutton, whose vision and generosity made the construction possible. It was dedicated in 1956.

The Crouch Memorial Building is located near the bridge at the main entrance. Renovated and modernized by Professor Owen Crouch in 1958 in memory of his father, this building houses the Post Office and an apartment.

Webb Memorial Hall, a gift of Mrs. Nanye Bishop Sutton, was completed and occupied in January 1960. It houses modern accommodations for 172 men.

An air-conditioned dormitory for 188 women was completed in September, 1965. In May of 1968 it was dedicated and named Hart Hall in honor of Dr. and Mrs. John M. Hart.

Little Hartland Hall, completed in 1976 and the gift of Dr. and Mrs. John Hart, is furnished with selected antiques from the Hart's sizeable collection. The building serves as the official residence for the College President.





Webb Hall

DORMITORIES



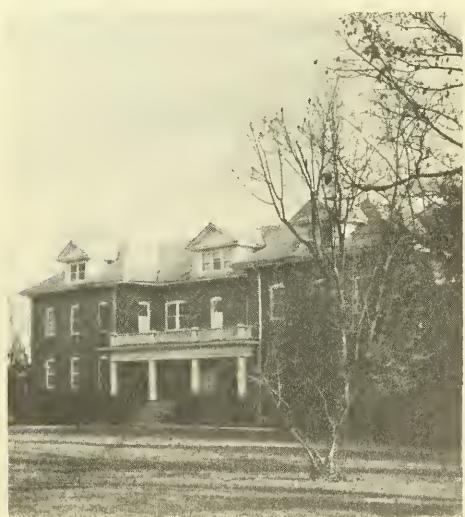
Pardee Hall



Hart Hall



Sutton Hall



Hardin Hall

PROCEDURES



ADMISSION

Admission to the Freshman Class

Character, ability, preparation, and seriousness of purpose are the qualities emphasized in considering applicants for membership in Milligan College. Early application is encouraged. Inquiries should be addressed to the Office of Student Enlistment.

Those who are interested in attending Milligan are encouraged to visit the campus. Arrangements should be made in advance with the Office of Student Enlistment.

Overall excellence of performance in high school subjects and evidence of academic potential provide the basis for admission to Milligan College. While no specific course pattern is required for admission, the applicant is strongly encouraged to include the following subjects in his high school program:

1. College preparatory English
2. College preparatory Mathematics
3. At least one unit of science
4. At least one unit of history and/or one unit of social science
5. Foreign Language
6. Some work in speech, music, or art in preparation for study in liberal arts curriculum

To provide further evidence of academic ability, the applicant is required to take the American College Test or Scholastic Aptitude Test and furnish the College with either of these scores.

The following steps are suggested in the admission procedure:

1. The student secures from the Office of Student Enlistment an application form, catalog, and other literature.
2. The student returns the completed application along with an application fee of ten dollars and a small photo to the Office of Admissions.
3. The application will be presented to the Admissions Committee for action when the following credentials are on file: the high school transcript, ACT or SAT scores, two references.
4. The Office of Admissions will notify the applicant of the disposition of the application. If the decision is favorable, he will be accepted for admission to Milligan College, subject to the successful completion of his high school program.

Advanced Placement

Milligan College recognizes the Advanced Placement Program (AP), the College Level Examination Program (CLEP), and the United States Armed Forces Institute (USAFI) as a means of earning college credit. Milligan students may submit scores on examinations taken through these programs to the Academic Committee for evaluation. College credit will be granted on the basis of an acceptable score under the following conditions:

1. At least one semester of work must be completed in Milligan College before credit earned by testing will be recorded on the transcript.
2. Credit earned by testing will be designated on the transcript by a grade of "P" (pass).
3. A maximum of 32 semester hours can be earned by testing.

Transfer Students

Students who wish to transfer from an accredited college, who merit a letter of honorable dismissal and who have a grade-point average of at least 2.0 on a 4.0 system are eligible for admission to Milligan College. Such applicants should follow the same procedure outlined above, except the ACT or SAT scores are not required. In addition they must furnish the College with transcripts of all previous college work.

Returning Students

A student who has withdrawn in good standing should address a letter to the Academic Dean requesting permission for readmission.

A student who has been academically dismissed should observe the following procedure:

1. The student's letter requesting readmission shall be addressed to the Academic Dean as chairman of the Admissions Committee.
2. The Admissions Committee will examine the student's original records and any work done since his suspension.
3. If there is reason to believe that the student would profit from another opportunity to do college work, he will be permitted to enroll with probationary status following at least one semester of suspension.
4. In the event that it is necessary to suspend the student a second time, he will not be eligible to apply for readmission.

Special Students

An applicant over 21 years of age who does not qualify in any of the above categories but demonstrates ability to do college work may be admitted as a special student, not a candidate for a degree. If he satisfies the entrance requirements in full within two years from the time of his admission to this status, he may then become a candidate for a degree.

Special students may also be undergraduate students who have met all entrance requirements but are temporarily departing from graduation requirements or from specified curricula for a semester or a year. During that time they are not candidates for a degree.

Special student status must be granted by the Academic Dean. This privilege must be renewed at the beginning of each semester.

Credits received as a special student will be subject to revision should the student decide to become a candidate for a degree.

Audits

Persons not enrolled in Milligan College as degree seeking students may enroll as audit students. No credit shall be allowed for this work, and a grade of "Au" shall be assigned. Tuition will be one-half normal tuition charges.

Foreign Students

Milligan College is approved by the United States Department of Justice for education of non-quota foreign students. Foreign students must present satisfactory scores for the TOEFL exam and prepay all expenses for one semester. Five hundred dollars of the prepayment will be considered non-refundable.

Ceremony of Matriculation

After all admission requirements have been met, including the orientation activities at the beginning of the year, the candidate for admission may participate in the ceremony of matriculation.

Matriculation Day ordinarily is Friday of the first week of the fall semester. At the conclusion of a general assembly, the candidates are escorted to the platform where they sign the College register and officially become members of the Milligan community.

EXPENSES

In order to serve students from a wide range of economic backgrounds, Milligan College has been able to supplement student fees with endowment funds and gifts from organizations and individuals. For this reason expenses at Milligan are somewhat lower than the expenses at other private colleges. Expenses are subject to change without notice.

Expenses for one semester:

Tuition (for 12 to 17 hours)	\$846.00
Board	436.00
Room	265.00
Tax on Board	26.16
TOTAL FOR ONE SEMESTER	<u>\$1,573.16</u>

Tuition each academic hour over 17	\$57.50
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Tuition each academic hour under 12	\$70.50
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Special Fees

The following fees are required from those who enroll for work in the specified course or receive special privileges:

Laboratory Fees

Materials for special courses:

Education 411, 412, 471, 472	\$ 5.00
Science Laboratory Fee	10.00
Psychology 252	5.00
Experimental Psychology	10.00
Secretarial Practice	10.00
Language Lab Fee	10.00
Typing	10.00
Music 301, 381-2	5.00
Studio Art Fee	10.00
Art 102, 201, 311	5.00
Art 302, 303	10.00
Voice Class	20.00
Sheet Music Deposit	10.00
Directed teaching fee	15.00
Music 145, 146, 245, 246	10.00

Tuition Charges in Applied Music

One semester hour	\$35.00
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Two semester hours	\$55.00
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Practice Room and Instrument Rent:

Organ	\$30.00 (1 hr.)	\$45.00 (2 hrs.)
Voice and Piano	\$15.00 (1 hr.)	\$25.00 (2 hrs.)

Application Fee

An application fee of ten (\$10.00) dollars is required with the application for admission to the College. This fee is not refunded. It defrays part of the expense of processing an application.

Advanced Deposit

Milligan College is limited in the number of students it can accept. Efficient use of dormitory and classroom facilities requires a maximal occupancy. To assure the College of a firm commitment by the student, each dormitory student will be charged a student deposit fee of \$50.00.

This \$50.00 fee is held by the College in an escrow account, to be returned upon graduation, or permanent withdrawal, subject to satisfaction of the student's account with the College.

CLAIM FOR A REFUND OF THIS FEE MUST BE MADE ON OR BEFORE JULY 1, PRECEDING THE OPENING OF THE FALL SEMESTER.

Matriculation Fee

A matriculation fee of ten (\$10.00) dollars is charged every student when he enrolls for the first time in Milligan College. This fee is paid only once.

Miscellaneous Fees (per semester)

Diploma and graduation fee	\$20.00
Transcript fee—after first issue	1.00
Parking fee	2.00
Late registration fee per day	5.00
Change of course fee	5.00
Audit fee for one semester hour	35.25

Part-time Student

Part-time or special students (who enroll for less than twelve hours per semester) will be charged a registration fee of ten dollars and tuition at the rate of \$70.50 per semester hour.

Payments of Accounts

All students accounts are due and payable on the day of registration of each semester.

For those students who cannot meet all of the semester cost at the beginning of a semester, the following policy will apply:

Dormitory Students: On the day of registration a down payment of one-half tuition and room, \$50.00 on board, and all fees will be required. The remaining balance is to be paid in three equal installments falling due one month, two months, and three months after the date of registration. Honor scholarships, work scholarships, and grants-in-aid are to be deducted from the last payment.

Commuting Students: On the day of registration a down payment of one-half tuition and all fees will be required. The remaining balance is to be paid in three equal installments falling due one month, two months, and three months after the day of registration. Honor scholarships, work scholarships, and grants-in-aid are to be deducted from the last payment.

Students Receiving Financial Assistance: Students on full scholarships from foundations or corporations need not observe the down-payment principle. Students receiving other assistance such as Vocational Rehabilitation, veterans assistance, war orphans assistance, or part-scholarship may apply such amounts toward the down payment requirement.

Summer Session: All charges are payable on the day of registration.

Other Regulations: No transcript will be issued until the student has satisfied all accounts with the College.

Students who have grant-in-aid commitments from the College should secure a letter from the person or persons making that commitment with terms and amount clearly stipulated.

Textbooks

New and used textbooks may be purchased at the Milligan Bookstore located in the Student Union Building. The Bookstore operates on a cash basis, and no books will be charged to a student's account unless the student is on a full-scholarship. The cost of textbooks, usually, does not exceed \$120.00 for the year.



Board

The cost of Board is \$436.00 per semester for three meals a day, seven days a week, exclusive of official vacation periods. (The dining room is closed during vacation periods). This is a flat rate for the semester which allows the students to save the clerical and other expenses involved when meals are charged individually rather than by the semester. The rate does not provide for any refunds for meals missed.

Linen Service

By special arrangements with a local linen supply company, the school makes available to all dormitory students a linen rental service. This service provides a clean set of linen each week consisting of 2 sheets, 1 pillow case, and 3 bath towels.

The linen is dispensed from individual metal lockers located in each dormitory, and the price for this service is \$43.00 for the academic year.

Complete details and a reservation form will be mailed to all students prior to the opening of school.

Refunds

Upon proper notice, a student who withdraws within the first four weeks of a semester will be refunded one-half of his tuition and the prorata share of his board. Room rent and fees will not be refunded.

After the fourth week there is no refund except for the prorata share of board. An exception will be made for illness, in which the refund period will be extended to the ninth week. Illness must be certified by a physician's written statement.

There is no refund to a student who withdraws for disciplinary reasons.

In the event of withdrawal, no credit will be given for scholarship or grant-in-aid.

Since work on the campus has a cash value only when applied toward college expenses, there is no refund given to self-help students who have a credit balance to their account. A credit balance may, however, be transferred to the account of immediate members of the family, providing it is transferred not later than the fall semester of the following college year. A student wishing to make such transfer must first notify the Business Office before leaving the College.

FINANCIAL AID

Milligan College offers a comprehensive program of financial aid for students who otherwise would be unable to continue their education. Through this financial aid program an eligible student may receive one or more types of financial aid. Before a student or his parents decide a college education is too expensive, he should investigate the possibility of obtaining financial aid through the College.

Any student who applies for admission to Milligan College is eligible to request financial assistance. If he is offered admission and if he demonstrates a financial need, Milligan will attempt to meet that estimated need.

In order to apply for financial aid, each student must submit a Milligan College Financial Aid Application, and his parents must file a Parents' Confidential Statement with the College Scholarship Service. The Milligan application can be obtained from the Financial Aid Office at Milligan, and the Parents' Confidential Statement can be obtained from Milligan or a high school counselor. Both applications must be submitted prior to April 1. Awards are made on a year-to-year basis, and applications must be submitted each year.

TYPES OF FINANCIAL AID

Loans

National Direct Student Loan—This new federal loan replaced the National Defense Student Loan as of July 1, 1972. However, the new program still provides long-term loans with an annual interest rate of 3 per cent; no interest accrues until the repayment phase begins. The loan is to be repaid within a ten-year period commencing nine months after a borrower terminates his enrollment. A student who is able to demonstrate financial need may receive up to \$5,000 during his undergraduate years. A special feature allows borrowers who become full-time teachers of the handicapped or in areas which have a high concentration of low income families to cancel the full amount of the loan upon the completion of five years of service. Schools eligible for such consideration are listed each year in the Federal Register. The repayment of the loan may be deferred up to three years for Peace Corps, VISTA, and military service and indefinitely for graduate study (as long as half-time enrollment is maintained).

Ministerial Loans—The Ralph Depew, Fred and Daisy Hayden, and Grace Phillips Johnson Loan Programs are available to students who demonstrate financial need and are preparing for the ministry or other Christian Service. These loans are low interest loans with repayment requirements similar to the National Direct Student Loan. However, there are limited deferment privileges and no cancellation benefits.

Other Student Loans—Several loan funds—Class of 1963, Kiwanis Student Loan Wilson Loan—have been established by various people and organizations to assist students. Various amounts not to exceed \$500 are available to students with academic promise and financial need. These loans have the same repayment conditions as the Ministerial Loans.

Grants and Scholarships

Basic Educational Opportunity Grant—Students who have a demonstrated financial need are awarded grants under this program. The maximum grant is \$1,400.00, and the average award is approximately \$800.00. Every student who qualifies is entitled to and will receive an award.

Milligan College Grants—Grants of various amounts are given to individuals who demonstrate exceptional financial need, but who do not qualify for the Supplemental Educational Opportunity Grant. These grants are generally awarded in conjunction with a work assignment. Failure to complete the work assignment results in the cancellation of the grant.

B. Carroll Reece Scholarship—An annual scholarship of \$200 is available to help a needy student from the First Congressional District of Tennessee.

Campus Employment

College Work-Study Program—This federal program provides for part-time campus employment to students who are enrolled on at least a half-time basis. Eligibility depends upon financial need.

Milligan College Work Program—This program offers similar on-campus jobs for which Milligan provides the funds. Jobs on this program are awarded to students with a financial need first, but a student may participate in the program if he or she has a special skill. This program provides compensation of \$468 per semester for work of 15 hours a week, \$312 per semester for work of 10 hours a week and \$156 per semester for work of 5 hours a week. These are maximum amounts and depend on the actual amount of time worked each week.

Outside Agencies

Tennessee Student Assistance Award—This state-funded program provides tuition grants up to \$1200.00 to Tennessee residents who plan to attend a Tennessee college or university and are able to demonstrate financial need. More information may be obtained by writing Tennessee Student Assistance Corporation, 707 Main Street, Nashville, Tennessee 37206, or by consulting the high school counselor.

Guaranteed Loan Program or United Student Aid Fund—Funds from these programs are borrowed for educational purposes directly from banks, credit unions, and other financial institutions in a student's hometown. These loans, which are generally based upon financial need, are guaranteed by state agencies, the Federal Government, or private non-profit organizations to enable the student to borrow without collateral or established credit. Details of the Guaranteed Loan Program vary from state to state, but in general students may borrow up to \$2000.00 per academic year. The total amount borrowed for under-graduate work may not exceed \$7500.00. Repayment commences nine months after termination of student status (unless deferred for military service, Peace Corps, or VISTA) although interest accrues from the date of the loan at the rate of 7 percent. For a student who proves to have a financial need equal to or greater than the amount of the loan approved, the Federal Government will pay the interest while the borrower is in school and for nine months thereafter and during periods of deferment for military, Peace Corps, or VISTA service. When the repayment phase begins, the student will repay the principal and interest (7%) at the minimum rate of \$30 per month. Details and forms concerning the Guaranteed Loan Program for the various states are usually available at a student's local bank, where the loan request must be filed.

Tuition Plan, Inc. and College Aid Plan—These two commercial plans are available to parents and students desiring to pay educational expenses in monthly installments. Through these two plans, parents may arrange payments for one to four years for loans covering up to \$15,000.00 for a four year period. Each program offers an insurance program which guarantees the payment of the loan in full in case of the parents' death. In either of the above plans payments are made by the financing company directly to Milligan College on or before the day of registration. Additional information may be obtained by writing the Office of Financial Aid.

Scholarships

Milligan College offers a number of scholarships to students who demonstrate academic promise and achievement. The program is designed to recognize students with outstanding academic records.

Carla B. Keys Scholarships—Scholarships of up to half-tuition are available to both prospective and currently enrolled students of the College who demonstrate exemplary records of Christian service and commitment, academic promise and achievement, and a financial need. Students applying for a Keys Scholarship should have at least a GPA of 3.5.

Honor Scholarships—An honor scholarship of \$450.00 is granted to the honor graduate who in enrolling in college for the first time from a standard Grade A high school. A scholarship of \$250.00 is granted to the student ranking second in a

graduating class of 25 or more. A scholarship of \$150.00 is granted to the student ranking third in a graduating class of 50 or more.

At the end of each scholastic year, scholarships valued at \$450.00 will be granted to the highest ranking Milligan College freshman, sophomore, and junior. Scholarships of \$250.00 will be offered to the second ranking student in each of the three classes. Scholarships of \$150.00 will be offered to the third ranking student in each of the three classes. The student receiving the award must have carried 15 or more semester hours of academic credit during the term for which the award was made. Scholarship may be withheld for due cause. A student must have completed two full semesters in Milligan College in order to be eligible for a class rank scholarship.

Philip Scharfstein Scholarship—A scholarship not to exceed \$500.00 per year is available to a person majoring in Business Administration who has a cumulative grade point average of 3.0 or higher. Preference will be given to graduates of local high schools.

Mary Hardin and Lonnie W. McCown Scholarship Fund—This scholarship program was established to help those students who need assistance for educational purposes. The recipient will be determined by the Scholarship Committee.

Milligan College Music Scholarship—A limited number of scholarships are awarded to students each year who demonstrate skill in vocal or instrumental music.

L. M. Wood Scholarship—This scholarship in business administration and economics is awarded to an outstanding junior or senior.

Milligan College Scholarship—Scholarships of various amounts are given to individuals who demonstrate academic promise.

B. D. Phillips Memorial Music Scholarship—This scholarship is awarded to an upper classman who is a music major and who demonstrates financial need and academic ability.

Guy and Rhea Oakes Scholarship—This scholarship (usually \$250.00) is awarded each year to a returning student. The recipient is a student who has produced an excellent essay on "Why I Recommend Milligan to My Friends." The winner is determined by the Scholarship Committee.

Persons interested in applying for scholarships should make application to the Chairman of the Scholarship Committee or the Director of Financial Aid.

Vocational Rehabilitation

The State of Tennessee provides a service for physically handicapped civilian students in order that their employment opportunities may be equalized with those of unimpaired individuals. The service consists of a complete physical diagnosis and financial assistance in preparing for a vocation or profession.

Physically handicapped students from other states may qualify for aid for study in Milligan College through the vocational rehabilitation office of their state. For information about this service the student should write to the Business Office of Milligan College or to his state department of vocational rehabilitation.

The New G. I. Bill

Milligan College is eligible to receive veterans under the provisions of the new G. I. Bill, known as the Veteran's Readjustment Benefit Act of 1966 and also as Public Law 550 of the 82nd Congress.

Veterans, to qualify, must have an honorable discharge or release and have had active duty of more than 180 days, any part of which occurred after January 31, 1955. Veterans may qualify with less than 181 days if their discharge occurred after January 31, 1955, and was for a service-connected disability.

Payments will be made each month directly to the veteran. Students wishing additional information may contact their nearest Veterans Administration Office or write to the Business Office of Milligan College.

Each veteran is entitled to one month of educational benefits for each month or fraction of a month of creditable active duty after January 31, 1955. No veteran may receive more than forty-five months of entitlement. However, if a veteran is in training on his termination date, he may complete the semester in which he is currently enrolled.

Veterans must complete their program within ten years after their last discharge.

The Veterans Administration will provide counseling and vocational planning service for any veteran who needs this assistance.

War Orphans

Milligan College is also qualified to accept students under the provisions of Public Law 634 of the 84th Congress. This program gives financial aid for educational purposes to young men and women whose parent died of injuries or disease resulting from military service in World War I, World War II, or the Korean conflict.

The student may obtain additional information and forms for filing application for such benefits by contacting his local Veterans Administration office or writing the Business Office of Milligan College.

ACADEMIC INFORMATION

Requirements for a Degree

A student advancing to the baccalaureate may select the Bachelor of Arts or Bachelor of Science Degree. The Bachelor of Arts degree is conferred in all fields in which the College offers a major. The Bachelor of Science degree is conferred only in the fields of Business Administration, Health and Physical Education, Human Relations, Mathematics, Biology, Chemistry, and Secretarial Sciences. The major difference in the two degrees is that a foreign language is required for the Arts degree. The specific requirements for the Bachelor of Science degree in these fields are stated in the introduction to the Areas.

A total of 128 semester hours is required for graduation. A student transferring from another college must be in residence during the two semesters (may include one 9 week summer session) immediately preceding his graduation and must successfully complete not fewer than 30 semester hours in Milligan College.

To provide a foundation for advanced studies Milligan requires of all students the inclusion of the following courses in their program:

Bible 123-124, 471

Humanities 101-102, 201-202

Psychology 155 and three additional hours

Health and Physical Education, two hours of activity

Biology, Chemistry, or Physics, eight hours

Sociology, Economics, or Government, six hours

Bible 123 and 124 must be taken in the first two semesters a student is enrolled in Milligan College.

Humanities 101 and 102 are required of all freshmen.

Humanities 201 and 202 are required of all sophomores.

The Health and Physical Education requirements should be satisfied in the freshman year.

The candidate for the degree must also present a major, minor, and electives to total 128 hours of credit. A student seeking a B.A. degree must complete a foreign language through the intermediate level.

The Associate in Science Degree requires 67 semester hours and is conferred in the field of Secretarial Science. A student seeking the AS Degree must complete not fewer than 30 semester hours in Milligan College. The specific course requirements are outlined in the introduction to the area.

Any student may graduate under the regulations prescribed in the catalogue in effect at the time of his entrance into this College, provided these requirements are met within 6 years; otherwise he will be required to meet current degree requirements. The 6-year limitation will be extended for the length of time in military service for students who enter service after enrolling at Milligan.

Medical and Law Students

The Baccalaureate degree will be conferred by Milligan College upon a student who enters a standard medical or law college before completing his baccalaureate degree, subject to the following conditions:

Completion of six semesters of work in residence in Milligan College.

Fulfillment of the specific course requirements for the degree while in Milligan College.

Submission to the Registrar of the credits earned in the medical or law school.

Convocation

Each semester Milligan College sponsors a convocation series consisting of programs of a broad range of interest for the intellectual and spiritual growth of its students.

Attendance at these convocations is required of all students. If a student has more than four unexcused absences, he forfeits his eligibility to return to Milligan for the next semester.

Class Attendance

Milligan College makes no provision for a system of allowed absences, sometimes called "cuts." The student is expected to attend each meeting of the class in which he is enrolled. Absence from a session of the class involves a loss in learning opportunity for which there is no adequate compensation. The teacher's evaluation of the work done by the student will necessarily be affected by such absence. More than four unexcused absences in a three hour course will require the instructor to place an evaluation of "F" on the student's record for that course.

It is recognized that the student may have legitimate reasons for absences. Such reasons may include sickness as certified by a physician or nurse, death in the family, and participation in activities off campus. Except in the case of sickness and death, all such absences must be approved in advance by the Academic Dean.

The College Calendar

The Milligan College calendar of classes is organized on a semester basis. Classes will be in session for 15 weeks plus the final examination period. The College also offers a summer session consisting of two 4½ week terms. In addition to these regularly scheduled terms students may earn one or two semester hours of credit in independent study during the period between the fall and spring semesters and/or between the spring semester and the summer session. These intersession courses shall count as residence credit.

Advisers

All students entering Milligan College are assigned a faculty adviser. At the beginning of his junior year the student automatically becomes the advisee of the chairman of the discipline in which the student is majoring.

The student must have his schedule of classes approved by his adviser before he is eligible to complete registration. Mid-term and semester grade reports are made available to the student through his adviser. Students are encouraged to consult with their advisers on a regular basis.

Majors and Minors

As the student progresses toward the baccalaureate degree, he will select a field of work for concentrated study. This selection will ordinarily be made early in the junior year and is subject to change only after consultation with the Dean, Registrar, and Faculty Adviser. Selection of a field of concentration may be made from the following: Bible, Biology, Business Administration, Chemistry, Christian Education, English, Health and Physical Education, History, Human Relations. (includes Psychology and Sociology), Humanities, Mathematics, Music, Philosophy, Secretarial Science, and World Studies/Church Growth.

In addition to this field of major concentration, the student will select one field of minor concentration.

A transfer student must take at least six semester hours in Milligan in his major field of study.

Grade Point Average

The terms used in evaluating a student's work are letters with a grade-point value. Advancement to the baccalaureate degree is contingent upon the completion of 128 semester hours with a total of 256 quality points. The grade point average (GPA) may be determined by dividing the total number of quality points by the semester hours attempted. The following table of values is observed in all courses.

- A—Excellent—four quality points for each semester hour.
- B—Good—three quality points for each semester hour.
- C—Average—two quality points for each semester hour.
- D—Poor—one quality point for each semester hour.
- F—Unsatisfactory—no quality points.
- W—Withdrawn.

Students withdrawing officially from classes before mid-term will receive "W's." Students withdrawing after the mid-term will have their achievement evaluated by the grade "W" or the grade "F."

Correspondence Credit

Students desiring to take correspondence courses through another college must have written approval from the Academic Dean. Only six semester hours of correspondence study are recommended, and no more than 12 semester hours will be accepted toward a degree program. A student enrolled for a correspondence course must count the number of correspondence hours with his regular semester load in determining a full load for the semester. When a student completes a correspondence course, he should request a transcript to be sent to the Registrar of Milligan College.

Honors

The degree may be awarded with honors to a student who has completed all requirements for a baccalaureate degree. Transfer students may not receive honors greater than the level warranted by the grade point average earned at Milligan.

The degree with honors is divided into three levels as follows: Summa Cum Laude, based on a grade point average of 4.00; Magna Cum Laude, based on a grade point average of at least 3.75; and Cum Laude, based on a grade point average of at least 3.33.

At the close of each semester, the Office of the Academic Dean publishes a list of students who have done outstanding work during that semester. The Dean's First List is composed of students whose semester grade point averages were 3.75 to 4.00. A student must have had a 3.5 to 3.749 to be placed on the Dean's Second List.

Probation

A student who fails to receive a 2.0 grade point average during any semester of his program in Milligan will be placed on academic probation. If the student fails to achieve a 2.0 the following semester, the College is not obligated to grant him the privilege of further study at Milligan College.

Reports

The Registrar will issue to the parent or guardian the faculty evaluation of each student's work following mid-semester and final examinations.

Classification

Progression toward the baccalaureate degree is measured by four ranks or classes, each entailing certain prerequisites and each carrying certain recognitions. The period of an academic year must ordinarily be allowed for attainment of the next higher rank.

Transcripts

Official transcripts of the student's record in Milligan will be furnished only upon the request of the student.

One transcript will be issued to each student without charge; subsequent transcripts will be issued at the rate of one dollar each.

Transcripts are withheld if the student or alumnus has an unsettled financial obligation to the College.

Withdrawal

No student may withdraw from the College without the permission of the Academic Dean. Upon securing the consent of the Dean the student is expected to meet all obligations involving his instructors, fellow students, Deans, Dormitory Residents, Business Manager, and Registrar.

Any student who leaves the College without fulfilling these obligations will receive an "F" in each course in which he is enrolled and will forfeit any returnable fees he may have paid the College.

For further academic information write to the Academic Dean.

Medical and Law Students

The pre-medical and pre-dental programs at Milligan are highly competitive and quite variable, depending upon the student's choice of major and minor. Milligan graduates have generally been successful in obtaining admission to medical and dental schools throughout the nation. Additional information may be obtained from the pre-medical and pre-dental advisers.

Milligan College does not recommend or offer a major in "pre-law" as such. This stand is in keeping both with the broad educational philosophy of Milligan College and the philosophy expressed by the Statement of the Association of American Law Schools on Prelegal Education. American law schools do not encourage the undergraduate student to "learn the law," but rather stress the necessity of the pre-law student's acquiring certain comprehensive skills, such as "comprehension and expression in words," "critical understanding of human institutions and values," and the development of "creative power in thinking." While therefore a student planning for a specific phase of the law (e.g., tax law) may find certain undergraduate majors or courses desirable (e.g., business or accounting), any solid academic major is equally acceptable to American law schools and recommended by Milligan College.

CO-OPERATIVE PROGRAMS

Engineering Students

Special arrangements have been made with Georgia Institute of Technology and Tri-State College whereby a student completing a three year program in Milligan may receive his Baccalaureate degree from Milligan and his engineering degree from the engineering school. The student must complete the same requirements in Milligan College as are outlined for medical and law students.

Mortuary Science

Milligan College has a co-operative program with Indiana College of Mortuary Science. The program requires a minimum of 90 semester hours of academic work at Milligan College and one year professional training at Indiana College of Mortuary Science. Upon successful completion of the four year program and upon receiving a satisfactory score on the National Board Examination sponsored by the Conference of Funeral Service Examining Boards, the student would be eligible to receive a Bachelor of Science degree from Milligan College. The 90 semester hours required in Milligan College will include 60 hours of general liberal arts courses including social studies, science, and the humanities. In addition, the student will complete an academic minor in one of the areas of the humanities, social sciences, sciences, or business.

Nursing

Milligan College students may pursue a course of study leading to a Bachelor of Science in Nursing degree from East Tennessee State University. The freshman and sophomore years are taken at Milligan College. The junior and senior years are offered through East Tennessee State University. For further information contact the Office of the Academic Dean, Milligan College, Tennessee 37682.

ROTC

Milligan College students are eligible to participate in the Reserve Officers' Training Corps program through East Tennessee State University. Interested persons should contact the Office of the Academic Dean for further information.

The Bachelor of Science Degree with a Major in Medical Technology

Milligan College is officially affiliated with the Holston Valley Community Hospital School of Medical Technology, Kingsport, Tennessee. A Milligan student may become eligible for the Registry and also the Bachelor of Science degree with a major in Medical Technology by:

(1) Successfully completing the three year curriculum of Milligan classes which includes the required foundation courses for the bachelor of science degree plus the following courses: Math 111, 112, Chemistry 103-104, 301-302, 310, Physics 201-202, Biology 110, 140, 240, 340, 380, and Parasitology.*

(2) Successfully completing the approved program (12 months) in the Holston Valley Community Hospital School of Medical Technology, Kingsport, Tennessee, or a similar program in some other approved school.

(3) Qualifying for the Registry.

* Taken at East Tennessee State University.

Dual-Degree Programs with Atlanta Christian College and Johnson Bible College

The dual-degree program enables students to enjoy advantages of the distinctive ministries of two colleges. Students completing specified degree programs in either Atlanta Christian College or Johnson Bible College are able to complete teacher certification requirements while qualifying for the Milligan degree. Mutual recognition of credit enables students to transfer with more ease when vocational choices require preparation not available in their present school. For further information contact the Academic Dean.

Home Economics Education

A program leading to the Bachelor of Science Degree in Home Economics Education is available through a cooperative program between Milligan College and

the Home Economics Education Department of East Tennessee State University. Students who elect this program will complete the freshman and sophomore years at Milligan and then transfer their accumulated credits to E.T.S.U. Upon the successful completion of the junior and senior years, E.T.S.U. awards the degree.

OFF CAMPUS CENTERS

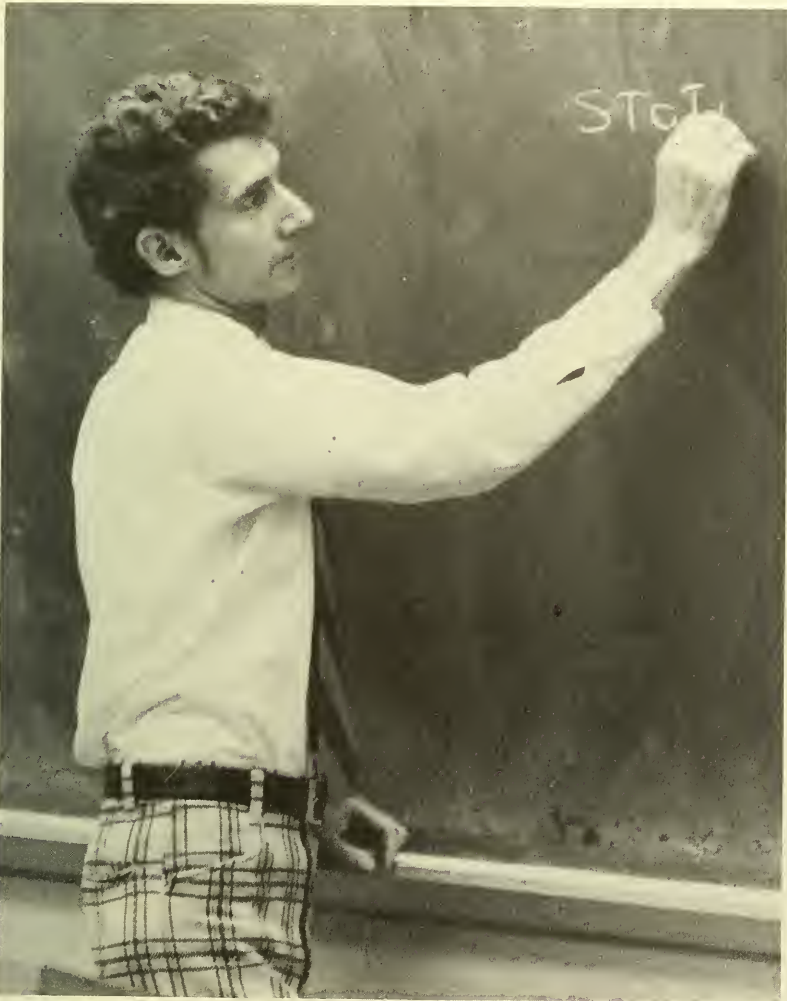
The College has Off-Campus Centers in West Lafayette, Indiana (Mr. Douglas Dickey, Director) and Joppa, Maryland (Mr. H. A. "Bill" Bullis, Director). These Centers provide credit instruction in Bible and Greek with supervision by full-time faculty in these areas.

WESTWOOD CHRISTIAN FOUNDATION

The Westwood Christian Foundation, Los Angeles, California, exists for the purpose of supporting Christian scholarship in great centers of learning. Milligan, along with other undergraduate and graduate institutions in California and elsewhere, is associated with the Foundation. The Executive Director of the Foundation is Dr. Robert O. Fife, Professor at Large in Milligan College.



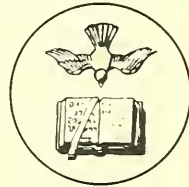
AREAS OF INSTRUCTION



AREAS OF INSTRUCTION

Milligan College proceeds upon the assumption that all knowledge is one. The modern practice of fixing the data of learning in separate categories is not looked upon with favor at Milligan; too much has already been seen of the fruits of the separation of culture, technology, and faith. However, there is value in recognizing man's basic areas of learning: that which comes from the revelation of God, that which derives from human experience, and that which is seen in nature. Milligan provides for the isolation of these areas of knowledge, only with the understanding that this division of studies will be made the instrument of greater cooperation and sympathy among the several fields of scholarly investigation. Milligan thus organizes its academic program into five areas of learning: the Area of Biblical Learning, the Area of Humane Learning, the Area of Social Learning, the Area of Scientific Learning, and the Area of Professional Learning. Each of the areas is presided over by an academic chairman, and these chairmen, together with the Academic Dean, constitute the Academic Committee, whose responsibility it is to determine curricula and academic policies.

Area of Biblical Learning



Dr. Henry Webb, Chairman

BIBLE

The Bible, the supreme written revelation of God to mankind, is the hub of the curriculum in Milligan College. The Bible is not only a treasury of the world's best literature, history, philosophy, and ethical wisdom but also the mind and will of God laid bare to the human race. It speaks, therefore, to every human situation and area of learning because the mind and will of God embrace all of these. Consequently, no one can accurately call himself an educated person until he has acquired at least a working knowledge of God's purpose as expressed in the Scriptures.

A knowledge of the Bible and skill in its interpretation take account of the historical setting—geographical, cultural, linguistic, social—of the peoples to whom the Bible was first given. Only by such careful study and training can the vastness and complexity of the Bible yield the religious and cultural synthesis sought in Milligan.

The first aim of Biblical study is to introduce each student to the content of the Christian revelation in such a way as to assist him in effective living and service in any vocation. The vocational aim is also met by such study directed toward specialized ministries.

In addition to the Bible courses which are required of all students in Milligan College (Bible 123-124-471), the major in Bible consists of thirty hours which must include six hours of New Testament (selected from 201, 202, or 286), six hours of Old Testament, History 341-342, 431-432, and Christian Ministries 275-276 or an acceptable Christian Ministries option that augments the student's vocational objectives and Christian Ministries 290-291.

The Bible minor shall consist of eighteen hours equally distributed between Old and New Testament studies, but it shall not include Bible 471. The student minoring in Bible is urged to consult with the Area Chairman in the selection of these courses.



Exceptional Class, First Christian Church, Johnson City, TN.

**P. H. WELSHIMER MEMORIAL LIBRARY
MILLIGAN COLLEGE, TENN. 37682**

Old Testament

123. **Old Testament Survey**—An examination of the Old Testament, its content, background, and significance. Required of all students. Three semester hours.
251. **History and Institutions of Israel**—A study of the social, political, and religious institutions of ancient Israel. Three semester hours.
252. **Biblical Archaeology**—A study of the history and techniques of archaeology in the Biblical world as a historical science together with a survey of Palestinian history as reconstructed by latest archaeological evidence. The uses of archaeological data for Biblical studies will be emphasized. Three semester hours.
285. **Seminar in Palestine**—An intercession tour of Israel involving prior reading, travel to significant historical and archeological sites in Israel, travel notes, and evaluation. Credits earned may be applied toward major requirements for Bible in upper level Old Testament. Prerequisite: Old Testament Survey and New Testament Survey or equivalent. Three semester hours.
- 301-302. **The Prophets**—A careful exegetical study of the prophetic books of the Old Testament to determine the character, message, and social and political background of each prophet. Three semester hours each semester.
421. **Post-Exilic Prophets**—A study of those passages in prophetic works which pertain to the development of the Hebrew-Jewish community which resumed in Jerusalem and Judah after the Exile. Three semester hours.
422. **Intertestamental Literature**—A survey of the types of Jewish literature (i.e., apocryphal, pseudepigraphic, wisdom, apocalyptic) and their contents, which were influential in the development of Judaism in the last two centuries B.C. and in the first century A.D. Three semester hours.

New Testament

124. **New Testament Survey**—A study of the New Testament, including a survey of its Jewish and Hellenistic backgrounds. Required of all students. Three semester hours.
201. **The Life of Christ**—A study of the four Gospels with the intent of showing Christ as a person, teacher, and minister. Also treated in the course is the harmony of material in the Gospels. Three semester hours.
202. **The Book of Acts**—A study of Acts with emphasis upon the establishment and extension of the Church. Three semester hours.
286. **Seminar in Palestine**—An intercession tour of Israel involving prior reading, travel to significant historical and archeological sites in Israel, travel notes, and evaluation. Credits earned may be applied toward major requirements for Bible in upper level New Testament. Prerequisite: Old Testament Survey and New Testament Survey or equivalent. Three Semester hours.
311. **The Parables of Jesus**—A concentrated study of the role of the parables in the teaching and ministry of Jesus. There will also be a study of the history of the interpretation of the parables from the early Church to the present. Two semester hours.
321. **Later Pauline Epistles**—An exegetical study of Phillipians, Colossians, Philemon, and Ephesians. Three semester hours.
322. **Pastoral Epistles**—An exegetical study of 1 and 2 Timothy, and Titus. Three semester hours.
323. **Hebrews and James**—An exegetical study. Three semester hours.

324. **Johannine Literature**—An exegetical study of 1, 2, and 3 John, and Revelation. Three semester hours.
- 411-412. **Major Pauline Epistles**—An exegetical study of 1 and 2 Thessalonians, 1 and 2 Corinthians, Galatians, and Romans. Three semester hours each semester.
471. **Christ and Culture**—A study of the impact of the Christian faith as found in the New Testament upon contemporary Western culture. Required of all seniors. Three semester hours.

Church History

- 341-342. **Church History** (See History 341-342).
- 431-432. **Reformation of the Nineteenth Century** (See History 431-432).

CHRISTIAN MINISTRIES

Field Work—A program designed to encourage Bible and Christian Education majors to become involved in the life of the church at some local level. Cooperation of the area churches opens opportunities for youth work, Bible School teaching, choir directing, and other forms of Christian service and experience. During the first two years of college it is recommended that such relationships be on a voluntary basis. With maturity and development most upper classmen will establish some remunerative relationship with some congregation.

270. **Introduction to Christian Missions**—A study of the Biblical and theological basis for missions, pointing out the implications of ecumenics, anthropology, and changing world conditions for present missionary practice. Three semester hours.
271. **History of Christian Missions**—A survey of the beginning and progress of missions since the beginning of Christianity. Three semester hours.
- 275-276. **Homiletics**—A study of the theory and art of preaching. Two semester hours each semester.
- 290-291. **Practicum in Ministry**—Involvement in ministry either in a local congregation or on a mission field under approved supervision and involving adequate evaluation. Arrangements are to be made through the Area Chairman. One semester hour each semester. **Note:** This requirement may be met through a summer program of not less than eight weeks by advance arrangement with a local church or mission.
452. **Pastoral Counseling** (See Psychology 452).
477. **Church Administration**—An examination of the organizational, promotional, stewardship, evangelistic, and worship responsibilities of the ministry with a view toward equipping the student to assume these responsibilities. Two semester hours.

RELIGION

350. **Comparative Religions**—A comparative investigation of the structure and content of primitive, ancient, and contemporary religions of man. The study includes consideration of major doctrines, figures, and developments. Three semester hours.
351. **Philosophy of Religion** (See Philosophy 351).
- 491-492. **Seminar in Religion**—A seminar in religion designed to promote in depth discussion, independent research, and writing. Topic to be announced. Three semester hours each semester.

RELIGIOUS EDUCATION

The program in Religious Education is designed to serve persons who wish to combine a strong Bible program with work in both Christian Education and professional education. Though the program does not lead directly to teacher certification, the student may elect additional courses, sometimes requiring an additional semester, and be granted such certification. Ministers' wives and those looking toward graduate work in religious education will find this program valuable. It is also designed as a terminal program for those who would function as youth ministers, church secretaries, and Christian education workers in local churches. With certification, the program is ideal for Christian day-school teachers, missionary educators, etc.

The Religious Education major consists of Religious Education 261, 304, 308, in addition to those courses which are required for a Bible major. This program is correlated closely with the program in teacher education in Milligan College.

Required courses for the minor in Religious Education will be determined in consultation with the Area Chairman.

- 261. Introduction to Christian Education**—A survey course introducing the student to the total program of Christian Education in the local church. Principles, organization, curriculum, methods, leadership, and kindred matters are treated. Three semester hours.
- 304. Materials and Methods of Christian Education**—A study of the materials, methods, agencies, and programs used in the Christian nurture of children and youth. Special emphasis is placed upon the opportunities for Christian teaching seen in Daily Vacation Bible School, graded worship, expressional groups, and Christian camping. Three semester hours.
- 308. Organization and Administration of Christian Education**—A study of church educational organizations and activities with an emphasis on administering these activities. Two semester hours.
- 317. Organization and Administration of Youth Programs**—An examination into various aspects of the Ministry to Youth and of the organizational structures upon which such ministries are based. Two semester hours.
- 318. Materials and Methods of Youth Ministries**—A study of the available resources for ministering to the needs of youth in the Church. Two semester hours.



Administration Building

Area of Humane Learning



Dr. William C. Gwaltney, Jr., Chairman

Human achievement in the arts of thought and expression is one of the major studies of a liberal arts college. The aims of humane learning are the recognition and study of the ideas which have liberated and enriched the human spirit, the analysis of the various linguistic, graphic, and musical forms which have delighted the imagination of man, and the stimulation of creative expression of thought and emotion. Thus the "humanities" in partnership with science and revelation contribute to the freedom and moral potency of the human spirit. In the study of the humane disciplines, Milligan seeks to emphasize what is basic, feeling that a collegiate education should first of all equip men and women with a love for correct thinking and right living. Men and women so equipped will master whatever occupation they choose for a livelihood.

In the humane studies are grouped art, English, speech, foreign languages, music, and philosophy. At the present a major or minor may be taken to the fields of English, philosophy, and music. A minor can be taken in art, French, German, English, Greek, philosophy, and music. A major can be taken in humanities.

HUMANITIES

The purpose of the major in humanities is to allow Milligan students to pursue an interdisciplinary course of study to fulfill the aims of the Area of Humane Learning. Although the major is not structured as a pre-vocational course, it does provide a broad undergraduate education from which a good student can move into several graduate programs or into secondary school teaching. It focuses upon the great ideas which have shaped history and created contemporary civilization.

Requirements for the humanities major are as follows: 24 hours of junior and senior level course work, including at least three hours of Humanities 490 and selected courses from among the disciplines of history, literature, philosophy, fine arts, foreign language and Bible.

Each student majoring in humanities will work with an advisory committee selected from the humanities staff. Together they will design a program to meet the needs and desires of the individual student.

Students majoring in humanities will be encouraged to fulfill requirements for a minor from one of the above disciplines. However, students minoring in other fields may still major in humanities. There is no humanities minor.

101-102. Humanities—A general introduction to history, literature, philosophy, art, music, and comparative religion. Emphasis is given to an integrated approach to learning and to instruction in writing. The first year begins with the Greeks and ends with the Eighteenth Century. Particular emphasis is given to books regarded as "classics" in Western tradition. Six semester hours each semester.

201-202. Humanities—A continuation of the program of Humanities 101-102. Particular attention is given to the idea of progress and the general optimism of the Nineteenth Century and the anxiety and despair manifested in the Twentieth Century. Six semester hours each semester.

Note: Humanities 101-102 is a required course of study for all freshmen working toward an A.S., B.A., or B.S. Degree. Humanities 201-202 is a required course of study for all sophomores working toward a B.A. or B.S. Degree.

- 200. Humanities European Study Tour**—A study tour of 12 European countries, visiting sites of historical and cultural significances. In addition to the travel, students will complete reading and writing assignments and fulfill all the academic obligations outlined by the tour professor. Humanities 200 may be taken in lieu of Humanities 201 or 202. Students who have completed the required Humanities sequence may petition for credit in art or history. Prerequisite: Humanities 101-102. Six semester hours.
- 490. Reading and Research in the Area of Humane Learning**—An individualized course of study to be determined by the student and his advisory committee. At least three hours of Humanities 490 will be required for every humanities major. Students writing an undergraduate thesis in humanities may be allowed up to 12 semester hours of Humanities 490. One to six semester hours per semester.



Humanities Tour in Venice

AFFILIATE PROGRAMS IN HUMANITIES

The Affiliate Programs in Humanities permit a student majoring in humanities to specialize in one of three areas: art, philosophy, or a foreign language. Such programs would be especially advantageous to students wanting to do graduate study in one of these three areas without sacrificing the opportunity of doing the broader cross disciplinary humanities major at the undergraduate level. Students can also meet teacher certification requirements at the secondary level in the areas of art and foreign language.

The requirements for the above majors include a minor in their field of concentration, additional courses in the area of Humane Learning to be determined by a committee from the area and chaired by the person responsible for the minor, and a suitable project or paper in Humanities 490.

AFFILIATE PROGRAMS IN HUMANITIES

HUMANITIES—ART

HUMANITIES—PHILOSOPHY

HUMANITIES—FOREIGN LANGUAGE

ART (Min. 18 hours)

101	Visual Composition (3)
102	Drawing (3)
201	Painting (3)
301	Egg Tempera (3)
302	Printmaking I (3)
303	Printmaking II (3)
304	Watercolor (3)
305	Studio Workshop (3)
	Art History (9)

PHILOSOPHY (Min. 18 hours)

151	Introduction to Logic (3)
321	Ethics (3)
301-302	History of Philosophy (6)
300-400	Electives (6)

FOREIGN LANGUAGE* (Min. 18 hours)

211-212	Intermediate
301-302	Advanced
311-312	Survey of Literature and additional upper level language courses.

* Language emphasis available in French or German

And 24 hours of work in the area of Humane Learning as determined by the student's committee.



Scene from You're A Good Man, Charlie Brown.

ENGLISH

The course of study in English language and literature is designed to enable the student to write clearly and effectively, to read with appreciation, enjoyment, and understanding, and to construct intelligent standards for the critical evaluation of literature.

The major in English consists of thirty semester hours which must include English 304 or 305 and 460 or 461. Students having completed two years of Humanities will be credited with six hours toward the English major. The remaining twenty-four hours required for the major may be selected from the following five areas of the English offerings with the proviso that the student take a minimum of one course from at least four of the five areas: History and Structure of English (311, 312, 313); Medieval and Renaissance Literature (430, 460, 461, 462); Restoration and Eighteenth Century Literature (361, 432); Nineteenth Century Literature (304, 434, 435); Modern Literature (305, 402, 411, 412). Six hours of junior or senior level speech courses may be applied to an English major.

The minor in English consists of eighteen hours which may include six hours of humanities and must include courses in both American and English Literature.

- 211. Special Studies in Literature**—A reading and discussion course designed to introduce famous themes, types of literature, or contemporary emphases in literary writings. Not applicable toward the English major or minor. One or two semester hours.
- 304-305. Survey of American Literature**—A study of the literature of the American people with special attention to the writings of the major authors. Collateral reading is assigned in the American novel. Three semester hours each semester.
- 311. Advanced Grammar**—Advanced study in the principles of English grammar with attention to sentence structure, vocabulary, spelling, and verb forms. Three semester hours.
- 312. Introduction to Linguistics**—A study of the basic principles of linguistic analysis as specifically applied to the English language. Three semester hours.
- 313. History of the English Language**—A survey of the development of the English language from its origins to the present. Three semester hours.
- 354. Children's Literature**—A study of children's literature designed to acquaint the student with the literary contributions suitable for elementary grades. Applicable toward an English major only for those certifying in elementary education. Three semester hours.
- 361. Novel**—A study of the history and development of the novel as a literary type with special emphasis on the British novel and the American novel. Three semester hours.
- 402. Short Story**—A study of the development of the short story with some attention to creative writing. Two semester hours.
- 411-412. Contemporary Literature**—A study of leading writers of fiction, poetry, and drama in the Twentieth Century, including English and non-English writers. This is a seminar course, involving discussions, independent research, and oral presentations. Three semester hours each semester.
- 430. Medieval Literature**—A study of poetry, prose, and language from the Norman Conquest to the Fifteenth Century with emphasis on Chaucer and his contemporaries; Langland, Gower, Petrarch, and Boccaccio. Three semester hours.
- 432. Restoration and Eighteenth Century Literature**—A study of selections of prose and poetry from the major writers of the Restoration and Eighteenth Century. Collateral reading of background materials is drawn from the writings of scientists, philosophers, historians, and other contributors to the cultural and intellectual milieu of the period. Three semester hours.

434. **Romantic Movement**—A study of the Romantic Movement in England with special emphasis upon the great poets of the period. Three semester hours.
435. **Victorian Period**—A study of the fascinating contradictions of the second half of the Nineteenth Century as expressed in the major poets, essayists, and novelists of the period. Three semester hours.
- 460-461. **Renaissance Drama**—An examination of most of Shakespeare's plays with collateral reading in the works of his fellow playwrights from the early Tudor beginnings to the Restoration. Three semester hours each semester.
462. **Renaissance Poetry and Prose**—Careful readings of the works of Spenser, Sidney, the Metaphysical poets, and Milton. Three semester hours.
490. **Independent Study**—Independent work for Senior English Majors in an area of the student's interest. The student's program will be under the supervision of one of the members of the English faculty. One to three semester hours.

FINE ARTS

The study of the fine arts gives expression to the aesthetic unity of the various forms and modes of art. At the same time it increases both the ability for aesthetic response and the understanding of that experience. The Sub-area of Fine Arts includes the curricula of art and music.

ART

The art courses at Milligan College are designed to accommodate both the serious and casual student. Although it is possible to obtain both an art minor and a Humanities-Art major, the area feels that every student in a small liberal arts college can benefit from an experience in making and/or appreciating works of art. Therefore, neither the studio nor art history courses require previous experience. It is suggested, however, that either (or both) Art 101—Visual Composition and Art 102—Drawing may be considered valuable as introductions to studio art.

The minor in art consists of 18 hours which must include Art 101, 102, 201, 420, 421, and 422.

101. **Visual Composition**—Fundamental concepts in the design or organization of pictures, as well as a development of sensitivity to various kinds of visual forms. Three semester hours.
102. **Drawing**—An introduction to basic drawing concepts through experimentation in various media. Three semester hours.
201. **Painting**—An introduction to elementary painting concepts and techniques in either oil or acrylic. Three semester hours.
301. **Egg Tempera Painting**—A study of the Medieval and Renaissance method of panel painting using egg yolk as a medium. The medium stresses precision and craftsmanship. Offered alternate years. Three semester hours.
302. **Printmaking I**—The making of relief prints, using wood and linoleum. Offered alternate years. Three semester hours.
303. **Printmaking II**—The making of intaglio prints, using such varied methods as etching, drypoint, and aquatint. Offered alternate years. Three semester hours.
304. **Watercolor**—An introduction to various techniques in landscape watercolor painting. Offered alternate years. Three semester hours.

- 305. Studio Workshop**—An open studio course especially designed for those students interested in pursuing any art project or medium not listed in the catalog. It also may be used by those desiring further, more intense work in a medium listed in the catalog. Three semester hours.
- 311. Art for Elementary Teachers**—Designed to acquaint students certifying for elementary education with objectives, materials, and procedures for the elementary school arts program. Not applicable towards art minor or Humanities-Art major. Three semester hours.
- 420. Art History—Prehistoric Through Renaissance**—A survey of painting, sculpture, and architecture. Offered alternate years. Three semester hours.
- 421. Art History—Baroque through Mid-Nineteenth Century**—A survey of painting, sculpture, and architecture. Offered alternate years. Three semester hours.
- 422. Art History—Mid-Nineteenth Century through Mid-Twentieth Century**—A survey of painting, sculpture, and architecture. Offered alternate years. Three semester hours.
- 423. Art History—Mid-Twentieth Century to Present**—A survey of painting, sculpture, and architecture. Offered alternate years. Three semester hours.
- 490. Independent Study**—Independent study in an area of art agreed upon by the student and instructor. One to three semester hours.

MUSIC

The Music Program proposes to promote understanding and enjoyment of music in the College at large and to provide specialized training for those who plan careers in music. Milligan College offers both a major and minor in music. Students who participate in music should realize that this is an experience in aesthetics as well as in musical proficiency. Details of music requirements may be found in the Music Handbook.

Each student majoring in music selects either voice, piano, or organ for his primary area of concentration and must complete "applied Level X" requirements and present an acceptable senior recital. Music majors must be enrolled in an ensemble each semester that they attend Milligan College. The Music major includes Music 143-4, 145-6, 243-4, 245-6, 381-2, 363, 385-6, and the applied music discussed above. All music majors must pass Sophomore Comprehensive 299 at the end of the sophomore year. For those majoring in music and certifying to teach music, music shall be considered both the major and minor.

Milligan College offers a Church Music Program designed specifically for those who wish to work with music in the church. Candidates will be trained in piano, conducting, voice, and building a graded choir for all ages. Opportunities for field work in local churches will broaden the student's musical and spiritual education while helping local congregations build their music programs. The Church Music major consists of Music 143-4, 145-6, 243-4, 245-6, 363, 381-2, 385-6, 451-2, 462 (Hymnology), and 481. Twelve hours of applied music with a proficiency examination and seven hours of ensemble will be required.

The Music minor consists of Music 143-144, 145-146, 381 or 382 or 301, 363, and applied music distributed as follows: a primary area (attaining Level VI and passing Senior Proficiency 499), a secondary area (attaining Level IV), and a vocal ensemble each semester.

Auditions for senior recitals will be held at the beginning of the semester in which the recital is to be given and recital material must be memorized at that time.



Madrigal Dinners

- 143-144. Basic Music Theory**—A course in beginning written theory and keyboard. Three semester hours each semester.
- 145-146. Basic Ear Training**—A partially programmed freshman course covering identification, sightsinging, and dictation. One semester hour each semester.
- 243-244. Advanced Music Theory**—A course in advanced concepts in music theory and keyboard. Prerequisite: Music 143-144. Three semester hours each semester.
- 245-246. Advanced Ear Training**—A sophomore course in advanced study of material similar to 145-146. One semester hour each semester.
- 343. Counterpoint**—A survey of contrapuntal methods with a historical approach and exercises in the most important styles. Prerequisite: Music 243-244. Three semester hours.
- 344. Orchestration**—A survey of the musical instruments, their styles, historical practice, and use in ensembles. Prerequisite: Music 143-144. Three semester hours.
- 385-386. Form and Analysis**—A study of the more advanced forms of music. Two semester hours each semester.

Music Literature and History

- 301. Understanding Music**—Studies in techniques, forms, and style of music to acquaint the non-music major with the elements of musical culture. Three semester hours.
- 381-382. Music History and Literature**—A survey of the development of Western music and studies of major composers and styles. Three semester hours each semester.

Music Education

- 351. Music in the Elementary School**—Teaching music in the classroom, kindergarten through sixth grade. Studies in the development of the child's musical abilities are included. Not open to music majors. Three semester hours.
- 451. Methods and Materials for Elementary Music**—Teaching methods and materials of music for children including studies of the child's musical development. Three semester hours.
- 452. Methods and Materials for Secondary Music**—Philosophy, curriculum, methods, and materials of teaching music and directing ensembles. Three semester hours.
- 481. Practicum in Church Music**—Applied music experience in an approved church music program. Six semester hours.

Conducting

- 363. Basic Conducting**—Conducting patterns, elements of interpretation, and practice in sightsinging. Prerequisite: Music 144 and 146. Two semester hours.
- 364. Advanced Conducting**—Choral conducting, including problems of tone, balance, and interpretation. Prerequisite: Music 363. Two semester hours.

Seminars

- 462. Seminar**—Seminars in specific areas of Music for advanced students in Voice Pedagogy, Piano Pedagogy, Composition, Accompanying, Hymnology, and Organ Literature. Two semester hours.

Comprehensive Evaluations

199. **Freshman Comprehensive**—Testing general music accomplishment at the end of the first year. See Music Handbook for details.
299. **Sophomore Comprehensive**—Testing general accomplishment at the end of the second year of Music study. See Music Handbook for details.
499. **Senior Proficiency**—Testing general accomplishment in the Music major's minor applied instrument or voice. Music minors take Senior Proficiency in their major applied.

Applied Music

Each student majoring in music must select one area of applied music for his primary concentration (voice, piano, or organ). He must also pass Music 499. If a student does not select voice as a primary or secondary concentration, he will be required to take voice class but will not be required to pass a voice comprehensive.

Each music major or minor will be expected to perform in his applied area before the music faculty each year. The senior student will perform a recital program.

Piano

- 110, 111-410, 411. **Piano for Majors**—Individual instruction in piano. One hour lesson per week. Two semester hours each semester.
150. **Piano for Non-majors**—Individual instruction for music minors and electives. One half-hour lesson per week. May be repeated. One semester hour.

Voice

104. **Voice Class**—Rudiments of vocal music, breathing, correct use of body muscles for breath control, diction, and the development of tone. Required of all prospective voice students with no prior training. Not applicable toward a major or minor in music. One semester hour.
- 114, 115-414, 415. **Voice for Majors**—Individual instruction in voice. One hour lesson per week. Two semester hours each semester.
155. **Voice for Non-majors**—Individual instruction for music minors and electives. May be repeated. One semester hour.

Organ

- 118, 119-418, 419. **Organ for Majors**—Individual instruction with a concentration on music for church organist and recital repertoire for qualified students. One hour lesson per week. Two semester hours each semester.
160. **Organ for Non-Majors**—Individual instruction for music minors and electives. One half-hour lesson per week. May be repeated. One semester hour.

Ensembles

Ensembles are considered the music laboratory for all music majors and minors and are to be taken each semester of the student's college career. Placement in an ensemble is determined by an audition.

Choral

- 131, 132-431-432. **Milligan Chorale**—Mixed chorus studying representative choral literature. Winter and spring concerts and a limited number of other performances are given. Four or five rehearsals per week. One semester hour.

133, 134-433, 434. **Milligan Concert Choir**—Mixed chorus. Repertoire of major choral selections. High standards of vocal technique and musicianship are required. Five rehearsals each week. One semester hour.

135, 136-435, 436. **Chamber Singers**—A small mixed chorus of selected singers to study and perform varied repertoire. The singers perform for limited outside engagements and at the annual Madrigal Dinner. One semester hour.

Instrumental

106, 107. **Band**—Instrumental ensemble that performs at school functions. Three rehearsals per week. One semester hour.

108. **Orchestra**—Performance with the Johnson City Symphony Orchestra; strings, woodwinds, brass, or percussion instruments. One rehearsal per week for two and one half hours. One semester hour.



FOREIGN LANGUAGES

The study and mastery of language are the chief avenues of human freedom and development. The study of language, other than one's own, introduces the mind to the heritage of other nations and civilizations; it enables one to find new shades of meaning in the expression of ideas; it gives new power to the imagination; and it contributes to the sympathetic understanding of other ways of life.

Successful completion of each semester of a language is a prerequisite to any subsequent semester in the sequence of that language. Admission for freshmen and transfer students with previous study of a language to advanced standing in that language in Milligan College will be determined by scores achieved on a placement test. A student who scores high enough on the placement test to enter the third year of a language may receive credit for the second year of that language. Credit will be given to those students who find it necessary to take the first year of the language.

DUTCH

111-112. Elementary Dutch—The basic structures, pronunciation, and writing systems, with ample oral, reading, and writing practice. Three semester hours each semester.

FRENCH

The minor in French will consist of 18 semester hours of classes beyond the level of French 111-112.

111-112. Elementary French—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple French. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.

211-212. Intermediate French—The reading of prose, with grammar review, oral, written and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.

301-302. Advanced Conversation and Composition—Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication in modern day France. Classes will be conducted in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.

311-312. Survey of French Literature—A study of the literature of France from its beginnings to the present. Readings (including entire works) are selected from prominent authors of each century. Discussion will be in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.

401-402. French Civilization and Culture—A study of French civilization and culture from its origins to the present. Topics will include history, philosophy, art, music, and everyday life. Newspaper and magazine articles will supplement the text. Discussion and reports will be in French. Prerequisite: French 301-302 or consent of instructor. Three semester hours each semester.

490. Independent Study—An individualized course of study in French language or literature. The content of the course will be determined by the student and a member of the French faculty. Prerequisite: French 302 or 312 or consent of instructor. One to three semester hours per semester with a maximum of six semester hours.

GERMAN

The minor in German will consist of 18 semester hours of classes beyond the level of German 111-112.

111-112. Elementary German—The pronunciation and writing systems, oral mastery of basic structural patterns in dialog form, their variation through pattern drills, analysis of grammatical structures, reading, and written composition. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.

211-212. Intermediate German—Continued conversational drill, oral practice in the variation of structural patterns, reading of selections from modern German literature, and written composition, with a thorough review of pronunciation and grammar. Three class periods and not less than one laboratory period per week. Three semester hours each semester.

301-302. Advanced Conversation and Composition—Extensive practice in conversation and composition. Classes are conducted in German. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.

- 311-312. Survey of German Literature**—A study of the literature of the German-speaking peoples from its beginnings to the present. Reading and analysis of selections from the leading writers are included. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.
- 401-402. Seminar in German Studies**—A study of selected topics in German literature, language, or culture, according to the interests of the students. Prerequisite: German 302 or 312 or consent of instructor. Three semester hours each semester.
- 490. Independent Study**—Individualized readings or independent research in an area of the student's interest in German literature, linguistics, or civilization. Prerequisite: German 302 or 312 or consent of instructor. One to three semester hours each semester.

GREEK

The minor in Greek will consist of 18 semester hours.

- 111-112. Elementary Greek**—A study of the elements of Koine Greek including drill on simple phrases and sentences and the acquisition of vocabulary. Readings in Johannine literature are included in the second semester. Three semester hours each semester.
- 221-222. Intermediate Greek**—The translation and grammatical analysis of New Testament passages representing a cross-section of Greek styles. The course also includes a study of an intermediate grammar and some work with textual critical apparatus. Three semester hours each semester.
- 331-332. Advanced Greek Readings**—Selected readings in the Septuagint, Philo, Josephus, and the Apostolic Fathers with attention to historical-theological contributions of these writers and works. Three hours each semester.

HEBREW

- 111-112. Modern Hebrew**—Reading, conversation, and composition, as well as basic grammar of Living Hebrew. Three class periods and two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate Hebrew**—Conversational drill, review of grammar, accelerated reading and composition, together with a cursory survey of Hebraic literature from Biblical times through the modern renaissance of Living Hebrew. Three class periods and one laboratory period per week. Three semester hours each semester.

SPANISH

- 111-112. Elementary Spanish**—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple Spanish. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate Spanish**—The reading of prose with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 301-302. Advanced Spanish**—Advanced composition and conversation and the reading of representative selections from Spanish literature. Three semester hours each semester.
- 311. Survey of Spanish Literature**—Reading of selections from the outstanding authors of Spain and some conversation and composition. Three semester hours.

- 312. Survey of Spanish-American Literature**—Reading of selections from the outstanding authors of several Spanish-American countries and some conversation and composition. Three semester hours.

PHILOSOPHY

The study of philosophy is designed to increase the student's ability to think intelligently about man and the universe and about man's views basic to everyday social, political, economical, religious, and scientific theories and activities.

It introduces the student to the names and basic ideas of philosophers who have influenced the thought and action of the modern world. The study of philosophy cultivates an understanding and appreciation of the history and function of philosophy as an academic discipline.

The major in philosophy consists of twenty-four semester hours which must include Philosophy 151, 301-302, 321, 401.

Students minoring in philosophy will complete eighteen semester hours which must include Philosophy 301, 302, and 401.

Three hours of Humanities 202 may be applied toward the Philosophy major or minor.

- 101-102. Introduction to Philosophy**—An introduction to the fundamental consideration necessary to the construction of a total view of life. This is approached topically through the views of representative thinkers. Three semester hours each semester.
- 151. Introduction to Logic**—The study of traditional and symbolic logic, including practice in logical analysis, the detection of fallacies, and the use of the syllogism. Three semester hours.
- 301. History of Philosophy (Ancient)**—A study of the beginnings of Greek philosophy, through Augustine. Three semester hours.
- 302. History of Philosophy (Modern)**—A survey of the more important philosophical systems of the western world from the Sixteenth Century to the Nineteenth Century. Three semester hours.
- 303. History of Philosophy (Contemporary)**—A survey of Twentieth Century philosophy to Wittgenstein and Sartre. Three semester hours.
- 321. Ethics**—A study of theoretical and practical problems of moral conduct and proposed solutions. Emphasis is given to the nature of ethics, value, rights, and obligations. Three semester hours.
- 350. Comparative Religions** (See Religion 350).
- 351. Philosophy of Religion**—A study of the nature and meaning of religion within various world views, including a comparative study of the more important religious movements. Prerequisite: Either Philosophy 101 and 102 or Philosophy 301 and 302. Three semester hours.
- 375. Philosophy in Literature**—A study of the philosophical questions in selected classics of world literature. Three semester hours.
- 390. Mathematical Logic**—The sentential calculus, axiomatic discussion of Boolean algebras, and formalization of deductive theories. Three semester hours.
- 401-402. Seminar Studies in Philosophy**—A seminar designed to develop the ability to do independent research and writing. One to three semester hours each semester.
- 446. Readings in Philosophy**—A concentrated program of readings in philosophy. Prerequisite: minimum academic average of B. One to three semester hours.

SPEECH AND THEATRE ARTS

Speech Communication

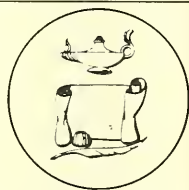
121. **Fundamentals of Speech**—An analysis of speech problems through the study of model speeches. Emphasis is given to organization and presentation of speeches for specific occasions through the manuscript, memorized, impromptu, and extemporaneous methods. Three semester hours.
275. **Homiletics**—(See Christian Ministries 275).
301. **Business and Professional Speech**—A study of the various formats of public speech for business and professional majors, including experience and participation in parliamentary procedure and exploration of the various group dynamic processes. Three semester hours.
346. **Persuasion in Speech**—Logical and psychological factors in persuasion and persuasive technique. Analysis is made of audience adaptation and contemporary and historical persuasion. Practice is given in persuasive speaking. Three semester hours.



Theatre Arts

151. **Introduction to Theatre**—The history and literature of the theatre from its Greek origins to the present. Also emphasized will be theatre techniques such as lighting, costuming, and set design. Three semester hours.
340. **Directing**—Emphasis in study on the various elements in the production of a play; theory, selection of plays, interpretation of the play, scene design, costuming, and make-up. Directing is a laboratory experience which is especially recommended for students preparing to supervise plays in the public schools. Three semester hours.
341. **Acting**—Experience in the theory of effective acting techniques: methods of acting, stage movement, stage business procedures. Laboratory experience includes participating in a play. Three semester hours.
490. **Readings in Drama**—A concentrated program of readings in drama designed to provide a solid repertory available to the beginning dramatist. Prerequisite: Six hours in drama. One to three semester hours.
491. **Theatre Workshop**—An opportunity to gain experience in practical theatre work—costuming, lighting, set design, production, and direction. Open to juniors and seniors only. One to six semester hours.

Area of Professional Learning



Dr. Paul Clark
Mr. Eugene Price, Co-Chairmen

AREA OF PROFESSIONAL LEARNING

The curricula in the Area of Professional Learning are offered to those students who are planning careers in business or education. Courses in business administration and economics, health and physical education, secretarial science, and education are designed to prepare students for employment in these fields, to give them knowledge of the history and literature of the respective disciplines, and to make them aware of related problems. They are also designed to provide such curricula leading to degrees as will combine specialized training with a liberal education. Study in any one of these professional fields will prepare the qualified student for graduate study.

BUSINESS AND ECONOMICS

Courses in the field of business administration and economics are designed primarily to familiarize the student with economic principles and their practical application. These courses are listed under two divisions: business administration and economics.

Courses in business administration are primarily of a vocational nature and are concerned with the specific application of general economic and commercial principles. They emphasize knowledge and techniques useful to students intending to pursue careers in business.

The main purpose of the courses in economics is to develop in the student the ability to analyze and understand economic principles and institutions from a historical as well as a contemporary point of view. These courses furnish the theoretical background necessary for the achievement of a particular vocational or professional goal. They also constitute the academic basis for graduate study in economics and related fields.

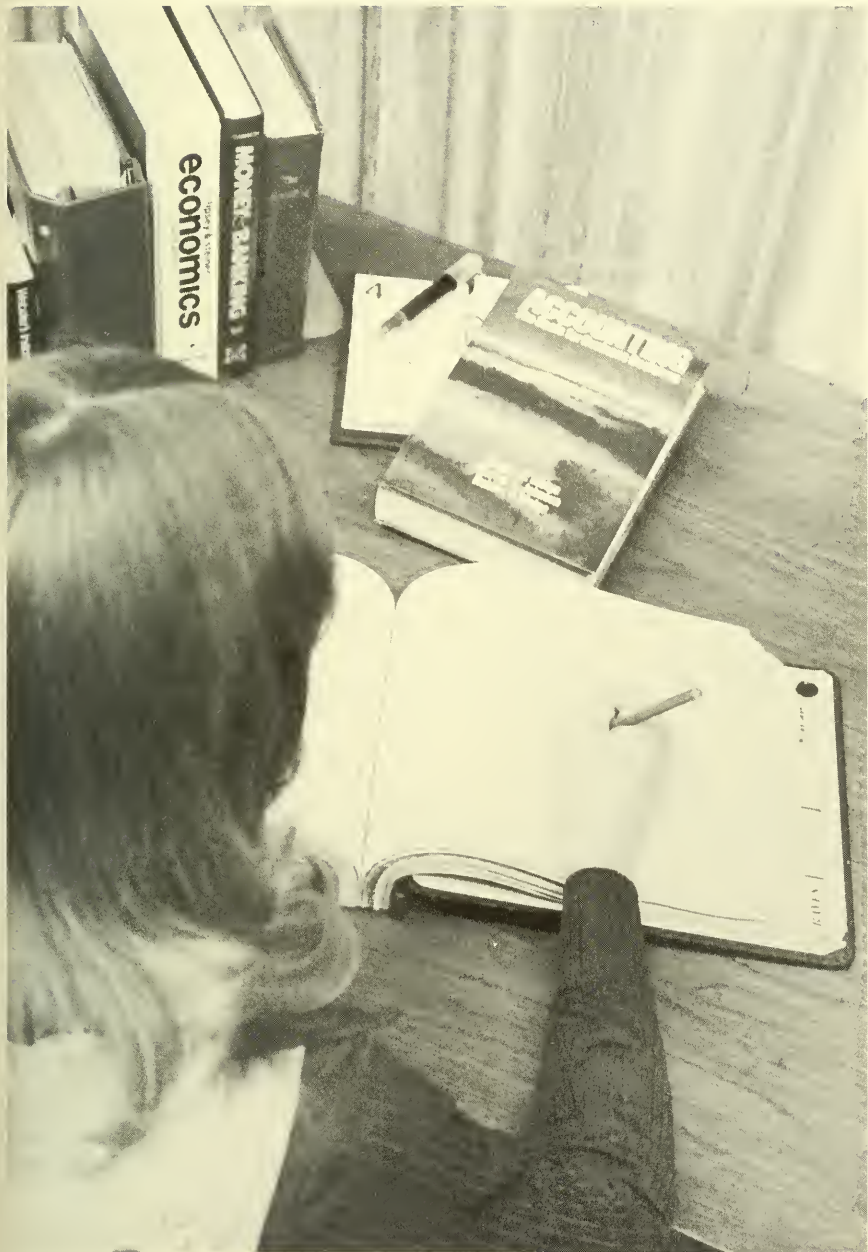
The Bachelor of Science degree with a major in business administration and economics consists of thirty semester hours: Business Administration 211-212, Economics 201-202, 301, 451, and twelve hours of business or economics electives at the junior and senior level. In preparation for the major the student should take Mathematics 108 and 214. A grade point of 2.25 is required in the major.

The business administration and economics minor consists of eighteen semester hours: Business Administration 211-212, Economics 201-202, and six hours of business or economics electives at the junior and senior level.

A student may elect to take a Bachelor of Arts degree with a major in business administration and economics by substituting six semester hours of a foreign language at the intermediate level for six hours of electives.

BUSINESS ADMINISTRATION

211-212. Introductory Accounting—Introduction to the principles of accounting. Covered are the fundamentals of recording, summarizing, and analyzing business transactions; also given are detailed consideration of recording in books of original entry, posting to ledger, completion of period summary, and preparation of accounting statements. Three semester hours each semester.



- 301-302. Intermediate Accounting**—A continuation of the study of the principles of accounting with emphasis upon the more intricate details of the accounting process. Special attention is given to unusual accounting problems and to statement analysis and application. Prerequisite: Business Administration 211-212. Three semester hours each semester.
- 303. Principles of Insurance**—A study of the principles, practices, and major coverages of life, casualty, and property insurance. Offered alternate years. Three semester hours.
- 304. Advertising**—A study of the principles of advertising along with its function and aims in business. Attention is given to the economic and psychological principles involved. There is also a study of market analysis and its importance to the field of advertising. The mechanics of layout, media, and copy writing are considered. Offered alternate years. Three semester hours.
- 311. Cost Accounting**—A study of the methods of accounting for material labor and overhead in manufacturing. The job order cost system, process cost, and standard cost systems are considered. Offered alternate years. Prerequisite: Business Administration 211-212. Three Semester hours.
- 312. Auditing**—A study of audit theory and procedure as applied to verification of accounts, internal control, professional ethics, and the preparation of reports. Prerequisite: Business Administration 211-212. Offered alternate years. Three semester hours.
- 315. Marketing**—A survey of marketing principles and problems and a detailed analysis of markets, market prices, and marketing agents. Consideration is also given to the struggle among the various agencies for the control of the market. Prerequisite: Economics 201-202. Three semester hours.
- 361. Principles of Management**—A study of the basic principles of management. Also considered are decision-making and the fundamental function of management, planning, organizing, actuating, controlling, and the application of the process of management to selected areas. Studies of individual firms are discussed. Prerequisite: Economics 201-202. Three semester hours.
- 362. Personnel Mangement**—Principles and policies governing employer-employee relationships and a consideration of the problems and practices of hiring, supervising, and terminating workers. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.
- 363. Industrial and Public Relations**—A study of the principles involved in developing and carrying out a satisfactory business and ethical relationship with people and with other business firms. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.
- 401-402. Business Law**—A study of the law of contracts, agency, negotiable instruments, property, sales, bailments, insurance, partnerships, corporations, bankruptcy, and business torts and crimes. Emphasis is placed upon the application of principles to commonly occurring commercial situations. Offered alternate years. Three semester hours each semester.
- 411-412. Income Tax Accounting**—An introduction to federal taxes on income and the preparation of tax returns for individuals, partnerships, and corporations. The course includes a study of the concepts of income, capital gains and losses, and deductible expenses. Also covered are accounting methods, including withholding procedures, inventories, estate taxes, gift taxes, and social security taxes. Prerequisite: Business Administration 211-212. Three semester hours each semester.
- 491. Fieldwork**—A practicum experience that will involve the student in a position in business under adequate supervision for the joint purposes of learning about business and possible occupational choices. One to three semester hours.

ECONOMICS

- 201-202. Principles of Economics**—A comprehensive study of the principles and factors of production, exchange, distribution, and consumption of economic goods. Included are a rapid survey of existing economic systems and a brief history of economic thought. Three semester hours each semester.
- 301. Corporation Finance**—A study of the basic financial structure of the corporate type of business enterprise. Emphasis is given to the various methods of financing and to the role that management plays in determining financial policy. Prerequisite: Economics 201-202 and Business Administration 211-212. Three semester hours.
- 302. Financial Management**—Case analysis of problems in corporation finance, receivables and risk management, internal investment decisions, liquidity control, and profit-planning. Emphasis is given to corporate decision-making. Prerequisite: Economics 301. Offered alternate years. Three semester hours.
- 304. Government and Business** (See Government 304).
- 311. History of Economic Thought**—A review of principle analytical ideas of the great economists and an analysis of the socio-economic conditions which influenced their ideas. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 312. Economic History of the United States**—An examination of the economic development and growth of the United States economy from the Colonial Period (Seventeenth Century) to the present time. Emphasis is on the economic impact and consequence of historical events and developments. Offered alternate years. Three semester hours.
- 401. Labor Economics**—A study of the labor movement in the United States with emphasis on pertinent federal and state legislation regulating labor-management relations and the effects of such regulation upon the national economy. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 402. Public Finance**—A study of public expenditures, public revenues, fees, taxes, and public debt. A thorough consideration is given to the present tax system. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 403. Money and Banking**—A study of our monetary system and theory along with a survey of the commercial banking system of the United States. Banking principles are analyzed, and banking institutions are studied to observe the application of principles. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 415. International Economics**—A study of international trading activity comprised of the theory of international trade, explaining the justification for trade, the direction, composition, and size of trade, and the gains from trade; the international financial system and the balance of payments issue; the role of the multinational corporation and national government policy in the international economic activity. Prerequisite: Economics 201-202. Three semester hours.
- 451. Comparative Economic Systems**—A comparative and analytical study of capitalism, socialism, and communism, as they have developed in the countries whose economies they now characterize. Prerequisite: Economics 201-202. Three semester hours.

SECRETARIAL SCIENCE

Secretarial science majors may work toward the Bachelor of Science degree with a major in secretarial science or, by taking six semester hours of a foreign language on the intermediate level rather than six hours of electives, may work toward a Bachelor of Arts degree with a major in secretarial science.

Secretarial science majors should complete the thirty-one hours of secretarial science courses which are described below. Minors should complete eighteen semester hours.

An intensive two-year terminal secretarial program has been designed for students who desire to acquire vocational competence in secretarial skills in the setting of a Christian liberal arts college. The curriculum consists of: Secretarial Science 131-132, 133-134, 241-242, 243-244, 351-352, 471-472; Bible 123-124; Economics 201-202; Psychology 155; two hours of Physical Education activity courses; and twenty hours of elective courses.

A student who wishes to certify for the teaching of business education should complete Business Administration 211-212; Economics 201-202; Secretarial Science 131-132, 133-134, 241-242, 243-244, 351-352, 471-472; and Mathematics 108.

The Associate in Science degree in secretarial science is designed for the two-year terminal secretarial student who wishes a broad liberal arts background and an accredited degree. Hours completed for the A.S. degree may also be applied toward the B.S. degree. Required courses are Bible 123-124, Humanities 101-102, Secretarial Science 131-132, 133-134, 241-242, 243-244, 351-352, 471-472, Economics 201-202, Psychology 155, Accounting 211-212, and one elective course of three semester hours.

NOTE: Students with two years of high school typing need not take 131-132.



- 131-132. Beginning Typing**—Mastery of keyboard and other working parts of the typewriter. Emphasis is placed upon accuracy, speed, and continuity of movement. Letter writing, centering, tabulation, envelope addressing, and arrangement of typewritten material are stressed. One and one-half semester hours each semester.
- 133-134. Beginning Shorthand**—A thorough and systematic study of the basic shorthand principles and outlines of Gregg shorthand through the reading of shorthand and drill in dictation. Three semester hours each semester.
- 241-242. Advanced Typing**—A comprehensive review of letter writing and tabulation. Manuscripts, proofreading, numbers, legal documents, and other business forms are emphasized. Three semester hours each semester.
- 243-244. Advanced Shorthand**—Intensive practice in reading and writing for the development of speed and accuracy, advanced study in dictation and transcription, machine practice in dictation, and study of secretarial procedures and practices. Three semester hours each semester.
- 351-352. Business English**—A review of English grammar and a study of the various types of business letters. The purpose is to establish in the mind of the student the principles underlying effective business letters and to provide practice in applying these principles. Two semester hours each semester.
- 471. Office Practice**—A course in office procedures acquainting prospective teachers or secretaries with information relating to the duties of a secretary, including the writing of business letters, the preparation of mail, the personal qualifications of the secretary, the use of the telephone, filing, transportation of goods, travel information, business and office organizations, and general office procedures. Three semester hours.
- 472. Secretarial Practice**—An advanced course in office procedures and the use of business machines. Prerequisite: Secretarial Science 241-242 and 243-244. Three semester hours.

HEALTH AND PHYSICAL EDUCATION

Milligan College recognizes the need for physical and social as well as intellectual and spiritual development for the student seeking a liberal education. Courses are designed to give every student an opportunity to participate in a variety of sports as well as prepare himself to teach physical education and health in the public schools. Helpful courses are also available in the field of recreation.

A student may major in Health and Physical Education. A minor in either Physical Education or Health may be selected by a student who does not choose to major in Health and Physical Education.

A major in Health and Physical Education consists of a minimum of 33 semester hours including the following courses: 111, 203, 204 or 205 or 206, 208, 209, 211 300 or 302, 301, 311, 312, 403, 404, 406, 411. The major must also include Biology 250-251 and either Sociology 303 or Psychology 353.

The above major with the professional education requirements for certification will allow a student to be prepared to teach both physical education and health in the public schools.

The minor in Physical Education consists of a minimum of 18 hours: 203, 204 or 205 or 206, 208, 209, 301, 312, 403, 404, and 406. For the teacher education student Biology 250-251 is also required.

The teacher education student may elect an emphasis at the elementary or secondary level within this minor.

The minor in Health consists of a minimum of 18 semester hours and includes the following courses: 111, 211, 311, 411, Sociology 303, and Psychology 353.

111. **Personal Health**—Consideration of problems pertaining to the physical and social well-being of the individual. Included is a study of drugs, diseases, and important knowledge relating to health habits and attitudes. An overview of the health field is explored, with an emphasis on health careers. Three semester hours.
151. **Team Sports**—Active participation in such sports as football, field hockey, soccer, and volleyball. One semester hour.
152. **Team Sports**—Active participation in such sports as basketball, team hand ball, speedball, and softball. One semester hour.
153. **Bowling and Golf**—Instruction and participation at the beginning levels in each of these sports. Special fee. One semester hour.
154. **Beginning Swimming**—Designed for non-swimmers. American Red Cross certification available for beginning swimming, advanced swimming, and basic survival swimming. One semester hour.
155. **Beginning Badminton and Tennis**—Basic strokes and skills for beginning students in each of these lifetime sports. One semester hour.
156. **Intermediate Badminton and Tennis**—Skills and techniques of play for those beyond the level of beginners. One semester hour.
157. **Gymnastics, Stunts, and Tumbling**—Stunts and tumbling activities and gymnastics commensurate with student's ability and available apparatus. One semester hour.
158. **Snow Skiing**—Instruction at a nearby ski resort. The class is divided according to level of skill, beginner to advanced. Special fee. One semester hour.
159. **Horseback Riding**—Instruction at nearby stables on gaited horses and English tack, for beginners as well as intermediate and advanced riders. Special fee. One semester hour.
160. **Track and Field for Men and Women**—Activity and opportunity for skill development in track and field events. Areas studied are chosen from a list of seventeen events including jumping, hurdling, vaulting, sprinting, running for pace development, throwing, and weight events. One semester hour.
161. **Archery and Racketball**—Knowledge and skill development in target archery and racketball. One semester hour.
203. **Physical Education for Elementary Schools**—Designed to prepare the student to direct a full program of physical education activities for grades one through eight. Three semester hours.
204. **Intermediate Swimming**—Designed for students who need additional work on various strokes and diving. Advanced survival swimming will be stressed. American Red Cross certification is available in both intermediate and advanced survival. One semester hour.
205. **Advanced Swimming and Senior Life Saving**—Designed primarily for those interested in pool and beach life-guarding. American Red Cross certification available for swimmer, advanced swimmer, and life saving. One semester hour.
206. **Water Safety Instructor Course**—American Red Cross certification available for Instructor of Beginning Swimming and for Water Safety Instructor. Prerequisite: American Red Cross certification in lifesaving. One semester hour.
207. **Conditioning Exercises and Weight Training**—Theory and practice in conditioning exercises suitable for men and women. Consideration is given to weight training for good body contour, strength, and endurance as desired by the individual. One semester hour.
208. **Folk Dance and Rhythmical Activities**—Rhythmical exercises, elementary steps and folk dances of various countries. One semester hour.

209. **Motor Learning**—Basic skills, knowledge, and psychology of movement education and the application of mechanical principles to skills and skill learning. The student selects an emphasis on the elementary or secondary education level. Two semester hours.
211. **Community Health**—The function and organization of Public Health with emphasis on work of various agencies and the individual's responsibility for community health. Various kinds of pollution, chronic diseases, use of drugs, and consumer health are studied. Three semester hours.
300. **Teaching Team Sports**—Materials and methods, skills and techniques in teaching the common school team sports. Two semester hours.
301. **Teaching Individual and Dual Sports**—Emphasis on teaching knowledge, skills, and appreciation of lifetime sports. Two semester hours.
302. **Coaching and Officiating Team Sports**—Coaching techniques and strategy, officiating in such sports as football, basketball, baseball, softball, field hockey, track and field, and lacrosse. This course is designed especially for the prospective coach and/or game official. Three semester hours.
309. **Applied Physical Education (or Health)**—Available in specific area of Health or Physical Education for the major or minor student. The student works closely with the professor to further prepare for teaching. Two semester hours.
311. **Safety Education and First Aid**—Designed to include a wide range of safety programs, including those of school, community, vocations, and leisure time. The American Red Cross course in first aid is also included. Three semester hours.



312. **Introduction, History, and Philosophy of Physical Education**—Introduction to the profession. Consideration is given to the pioneers in the field, to its historical development, and to the principles and philosophy which led to the modern program. Three semester hours.
403. **Measurement and Evaluation in Physical Education**—Analysis of current testing programs. Skill tests, physical fitness, and motor fitness tests are included. Two semester hours.
404. **Organization and Administration of Health and Physical Education**—Study of school problems, including curriculum development, program organization and supervision, and intramural and inter-school athletics. Three semester hours.
406. **Adaptive Physical Education**—The study of programs and services for the atypical student at all grade levels. Two semester hours.
409. **Recreational Leadership and Outdoor Education**—A study of recreation programs; personnel, areas and facilities; and current practices in camp leadership and administration. The study includes such outdoor activities as camping, hiking, mountain climbing, and boating. Limited practical application. Three semester hours.
411. **Health Education**—A survey of the principles and practices of health education. Emphasis is placed on methods and techniques for teaching. Three broad areas are included: health instruction, school health services, and healthful school living. Three semester hours.

EDUCATION

The program of teacher education is designed to serve persons who wish to be certified for teaching elementary, secondary, early childhood, and exceptional children. In addition to their service to the professional student, courses in this discipline are prepared to give the religious education student knowledge of the principles of education. These courses will also give the student who may become a member of the school board or the parent-teacher association an acquaintance with the public school and education methods.

Students in Milligan do their observation and student teaching in the public schools of the nearby communities. A special feature of the program is a semester of professional education. During one of his senior semesters a student will do nine weeks of full-time student teaching and will attend a group of seminars which are especially designed to give a combination of theory and practical experiences in education.

Admission to the Teacher-Education Program

A student who desires to enter the teacher-education program should make formal application during the semester in which he is enrolled in Psychology 252. Transfer students desiring to enter the program should apply for admission the first semester they are enrolled in Milligan.

To be admitted to this program, the student must have a grade point average of 2.25. In addition to the application for admission, the student will be required to take a battery of tests which will be administered by the college counselor. The student will also secure written recommendations from his adviser in his major teaching field. Final approval will be given by the committee on admissions in the education program.

A minimum of two semesters is required in the regular teacher-education program. Admission to the program does not guarantee completion. If for any reason the education faculty decides that the student should not continue in the program, he may be required to withdraw any time before completion.

Certification

Milligan offers curricula for certification issued by the State of Tennessee for elementary and secondary teachers. For the past several years a large percent of Milligan's graduates have entered the teaching profession. Course work in Milligan has enabled these students to be certified not only in Tennessee but also in states throughout the nation.

Full accreditation for the programs to prepare elementary and secondary teachers at the Bachelor's degree level was granted by the National Council for the Accreditation of Teacher Education, effective September 1, 1968.

National Teacher Examination

Students in the teacher program will be required to take the National Teacher Examinations during the last semester of their senior year.

Student Teaching

Students applying for student teaching should have completed Psychology 252 and either Education 411 or Education 471. The student teaching will be done during the senior year. The application should be made by May 1 for the fall semester or by December 1 for the spring semester.

The student teacher applicant should have a minimum grade point average of 2.25 and expect to take only 17 hours of credit during the student-teacher semester. As a part of the application, the Director of Student Teaching will ask for a list of courses which the student plans to take for each of the remaining semesters of his Milligan B.A. or B.S. program.

Elementary Education Certification

The program for certification in Elementary Education is designed for those desiring a career as an elementary school teacher. Students completing the certification must also complete a major although a minor is not required when certification is completed. Elementary Education certification may be completed with the Bachelor of Science degree or Bachelor of Arts degree (see page 25, Requirements for a Degree).

Students are required to take Psychology 252, Developmental Psychology (four semester hours) as the elective Psychology course in the General Education requirements, and each of the following courses:

English	354	Children's Literature	3 sem. hrs.
Music	351	Music for the Grades	3
Art	311	Art for Elem. School	3
Biology	350	Science for the Grades	4
Math	103-104	Fundamental Concepts	6
H&PE	203	P.E. for the Elemen. School	3
H&PE	411	Health Education	3
Psych.	404	Educational Psychology	3
Education	211	Introduction to Reading	3
Education	231	Psychology and Education of Exceptional Children	2
Education	411A	Teaching of Reading	3
Education	407	History and Philosophy of Education	3
Education	412	M and M of Elementary Educ.	3
Education	421	Directed Teaching in the Elementary School	8
			<hr/> 50

Additional General Education

H & PE		Elective hours	4
Speech	121	Fundamentals of Speech	3
Total			<hr/> 57

(beyond General Education required courses)

Students are urged to consult with the Director of Teacher Education and their academic adviser in the selection of their academic major.

Secondary Education Certification

The program for certification in Secondary Education is designed for those interested in a teaching career in the junior or senior high school. Students completing the certification will also complete an academic major and an academic minor. If the student selects a major that is not approved for certification, he should have a sufficient number of hours in one of the following areas for certification endorsement: Biology, Business, Chemistry, English, Health and Physical Education, History, Mathematics, or Music. Secondary certification may be completed with the Bachelor of Science degree (selected majors) or the Bachelor of Arts degree (language through the intermediate level required). In addition to the General Education requirements and those of a major and minor, certification in Secondary Education requires completion of the following:

Physical Education 111 or Sociology 303 and one hour of Physical Education activity	
Mathematics 103	
Professional Education	24 hours
Must include Education 231, 407, 471, 472, 481 and Psychology 252, 404	

Special Education Curriculum

Milligan College offers a special education curriculum which is a noncategorical program with emphasis in learning. The special education student, who is required to certify in either elementary or secondary education in addition to special education, will qualify for modern mainstreaming or the teaching of a special education class. Students will have practicum experience with at least three of the following types of children: learning disabled, mentally retarded, emotionally disturbed, physically handicapped, or gifted.

The following courses are required for certification:

- Education 231—Psychology and Education of Exceptional Children
- Education 432—Learning Problems of Exceptional Children
- Education 211—Introduction to Reading
- Education 411A—Teaching of Reading
- Psychology 362—Introduction to Counseling
(or Psychology 353—Personality Theory)
- Psychology 454—Introduction to Psychological Testing
- Education 433—Educational Procedures for Exceptional Children
- H&PE 406—Adaptive Physical Education
- Education 435—Trends and Issues in Special Education
- Education 434—Practicum in Special Education

Early Childhood

Milligan College offers a program in early childhood education. The following courses should be added to the elementary education certification in order to qualify the student for certification in early childhood education.

- Education 441—Early Childhood Education
- Education 442—Methods and Materials for Kindergarten
- Education 443—Early Childhood Practicum

211. **Introduction to Reading**—Development of an understanding of the reading process as it is presented in public schools. The course will include the related factors involved in reading such as vocabulary development, comprehensive skills, and study skills. Three semester hours.

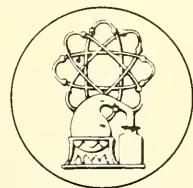
- 231. Psychology and Education of Exceptional Children**—An introduction to the education of exceptional children and the psychological aspects of these exceptionalities. The exceptionalities include high mental ability, mentally retarded, brain injuries, visual impairment, impaired hearing, speech handicaps, and learning disabilities. The course includes observation. Two semester hours.
- 252. Developmental Psychology**—(See Psychology 252).
- 338. Educational Sociology**—A study in the application of sociological findings to education. Three semester hours.
- 362. Basic Principles of Counseling**—Study of counseling processes that are applicable to the problems of normal individuals. Theories of education and personality are studied, and attention is given to promising counseling techniques. Three semester hours.
- 401. Education and Occupational Information**—A course to provide students opportunity to study the nature of various careers. Three semester hours.
- 404. Educational Psychology**—(See Psychology 404).
- 407. History and Philosophy of Education**—A survey of the development of education from ancient Greek times to the present. Three semester hours.
- 411-412. Materials and Methods of Elementary Education**—A general study of the materials and methods of elementary education with specific attention to the teaching of the language arts, mathematics, and social studies. Three semester hours each semester.
- 411A. Teaching of Reading**—The objectives, materials, and techniques of reading in grades one through eight with emphasis upon developing readiness, preventing retardation, and planning a balanced reading program. The class includes lectures and supervised observation. Three semester hours.
- 421. Directed Teaching in the Elementary School**—Teaching in the public school under the supervision of the classroom teacher with the aid of the college supervisor and major professor. Teaching may be done at two levels. Eight semester hours.
- 432. Learning Problems of Exceptional Children**—The learning problems of exceptional children include reading problems, arithmetic problems, auditory problems, visual problems, and perceptual motor problems. A beginning introduction to some of the diagnostic tests will be included. Three semester hours.
- 433. Educational Procedures for Exceptional Children**—Students will have experience with behavior modification and techniques of working with children who have reading, arithmetic, auditory, visual, or perceptual motor problems. Students will write prescriptive programs for public school-aged students. Three semester hours.
- 434. Practicum in Special Education**—A student practicum in a special education classroom. Three semester hours.
- 435. Trends and Issues in Special Education**—Readings and research in special education. One to six semester hours.
- 441. Early Childhood Education**—Philosophical and theoretical foundations of early childhood education. Child study and observation in off-campus kindergarten are required. Two semester hours.
- 442. Methods and Materials for Kindergarten**—Observation and participation in kindergarten. Basic needs and characteristics of three-, four-, and five-year-olds in all areas of development; the kindergarten program; curriculum, routine activities, records, and parent-teacher relationships will be emphasized. Two semester hours.

433. **Early Childhood Practicum**—A two-hour-a-day experience, lasting for one semester, in a student teaching situation at the early childhood level. Three student hours.
470. **The Teaching of High School Reading**—A treatment of both the developmental and remedial program in high school. Observation will be made of high school pupils, and practice in diagnosing individual and group difficulties will be offered. Provision will be made for laboratory experience. Three semester hours.
471. **Materials and Methods in Specific Secondary Subject Areas**—Courses in materials and methods in the specific subject matter areas in which Milligan College offers secondary teacher education programs. Three semester hours.
472. **Materials and Methods of Secondary Education**—A study of the materials and methods of secondary education with specific attention to curriculum construction and the solution of problem situations. Three semester hours.
481. **Directed Teaching in the Secondary School**—Teaching in the public school under the supervision of the classroom teacher with the aid of the college supervisor and major professor. Teaching may be done at two levels. Eight semester hours.
490. **Modern Educational Problems**—A survey of modern educational problems. The course may be an intensive supervised individual study or a seminar with regular meetings throughout the semester. One to six semester hours.



Science Building

Area of Scientific Learning



Dr. Eddie Leach, Chairman

The study of nature in modern times has yielded unprecedented knowledge of the physical, chemical, and biological aspects of the universe. Perhaps the distinguishing feature of life in the Twentieth Century is the ever-increasing knowledge of natural forces and resources. Man has felt both elated and dismayed by what such knowledge reveals. Effort is made in the teaching of science in Milligan to acquaint the student with the basic phenomena of science so that he may develop a better understanding of the environment as a unified system.

BIOLOGY

The biological studies seek to acquaint the student with the basic phenomena pertinent to an understanding of the living world. The relationships of chemistry and physics to the living activity and survival are stressed, and the student is made aware of his role in the environment. It gives attention to the student who is interested in a general grasp of the field, as well as those who are directing their activity to medicine, dentistry, or some specific area of the biological discipline.

Students interested in a biology degree should see a member of the biology faculty early in their program.

The Bachelor of Arts degree in biology is designed for those seeking sufficient training in the field to enable them to teach the science in an elementary or secondary school. It is to be considered as a terminal program and is not designed to prepare the student for pursuing an advanced degree in biology or for a medical career. The requirements for the Bachelor of Arts degree in biology consist of twenty-four hours of biology courses which must include Biology 110, 120, 140, 210, 250, and 251; fourteen hours of chemistry, including Chemistry 301; and Mathematics 110 or 111 and 112.

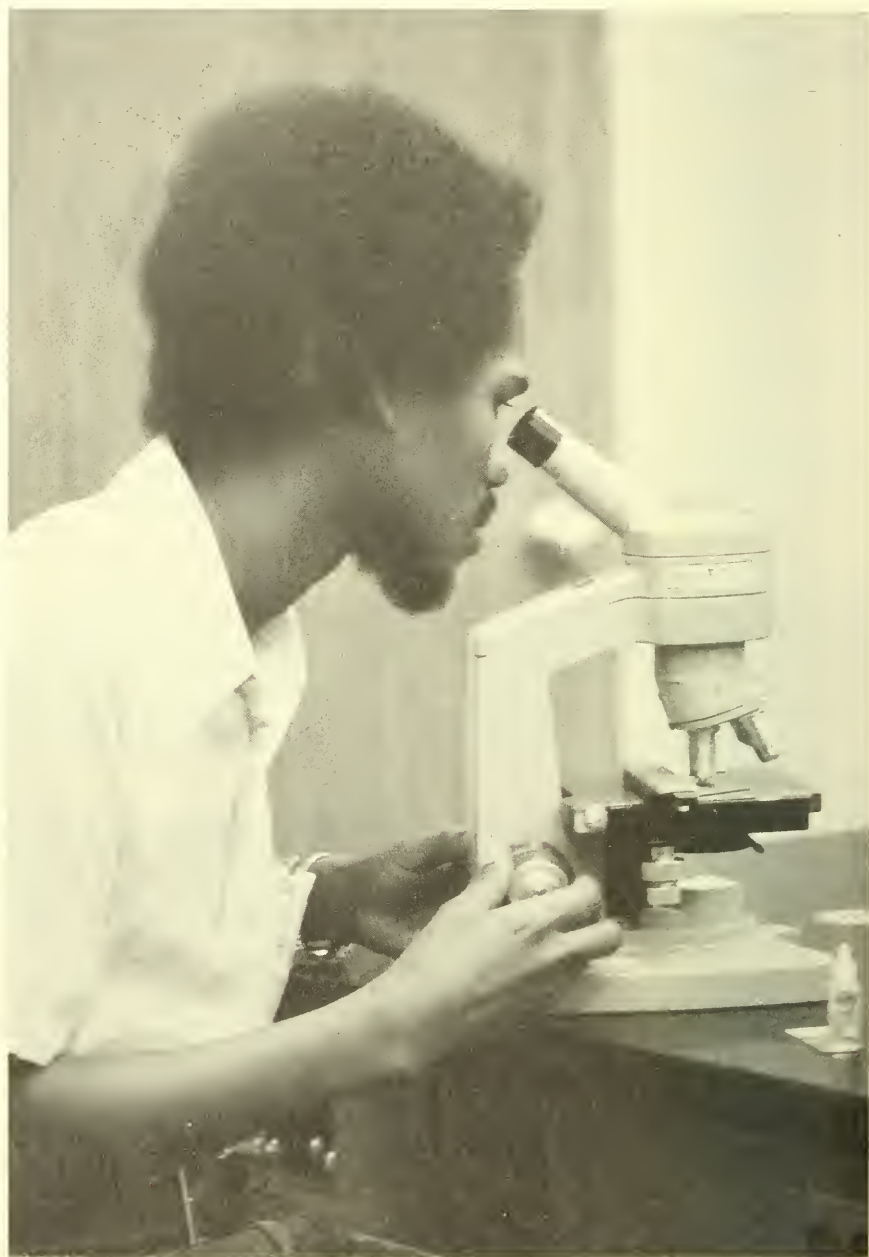
The Bachelor of Science degree should be sought by those who wish to continue their studies in biology for an advanced degree and by those who plan to enter a medical field of study. The requirements for the Bachelor of Science degree are thirty-six hours of biology courses which must include Biology 110, 120, 140, 210, 220 or 240, and 310; a minor in chemistry; including Chemistry 301 and 302; Mathematics 110 or 111 and 112.

The Bachelor of Science requirements for a student who intends to major in biology and teach in elementary school are twenty-four hours in biology, which must include 110, 120, 140, 210, and 350; Physical Science 103; and Mathematics 103-104, or 110 or 111-112.

After evaluation of each student's curriculum, the biology faculty may require additional courses in order to assure that the student will be adequately prepared to enter his chosen field of study.

A biology minor must include Biology 110, 120, 140, and two elective four-hour courses.

110. Human Biology—A study of fundamental biological concepts of particular relevance to mankind and his place in the living world. Included are discussions of the present and future status of the survival of man in a world of increasing biological problems. Four semester hours. (Fall, Summer).



120. **Botany**—An intensive survey of the Plant Kingdom. Prerequisite: Biology 110. Four semester hours. (Spring, Summer).
140. **Zoology**—An intensive survey of the Animal Kingdom. Prerequisite: Biology 110. Four semester hours. (Spring, Summer).
210. **Genetics**—Fundamental principles of heredity with related statistics and probability. Prerequisite: Eight hours of biology. Four semester hours. (Spring).
220. **Plant Taxonomy**—Comprehensive study of plant identification and classification. Prerequisite: Biology 120. Four semester hours. (Fall).
240. **Comparative Vertebrate Anatomy**—A comparative study of the embryologic and phylogenetic development of the principal systems of selected classes of vertebrates. Prerequisite: Biology 140. Four semester hours. (Fall).
- 250-251. **Anatomy, Physiology, and Kinesiology**—A study of the structure and function of the organ systems of mammals with special reference to human anatomy and physiology. The course is designed for those seeking a Bachelor of Arts degree in biology and for those pursuing nursing, physical therapy, medical technology, or a physical education career. It is not acceptable for credit toward Bachelor of Science degree with a major in biology. Prerequisite: Biology 110. Four semester hours each semester. (Fall, Spring, Summer).
310. **Cell Physiology**—A comprehensive study of cell structure and function with special emphasis on metabolism and related biochemical principles. Prerequisites: Chemistry 301, or concurrent registration, and at least twelve hours of biology. Four semester hours. (Fall).
340. **Animal Physiology**—A study of the function and structure of the organ system of vertebrates in general, but with emphasis on mammals. Prerequisite: Biology 310. Four semester hours. (Spring of odd numbered years).
341. **Animal Histology**—A study of the microscopic structure of the various types of tissues found in vertebrates. Prerequisites: Eight hours of biology and eight hours of chemistry. Four semester hours. (Alternate years on demand).
342. **Vertebrate Embryology**—A study of the general principles of vertebrate development from the formation of gametes to the formation of tissues and organs. Prerequisite: Biology 240 or permission of the instructor. Four semester hours. (Spring of odd numbered years).
350. **Science for the Elementary School**—An emphasis on the coordination of science content and teaching techniques for the elementary school teacher. The course is designed for students working toward a degree and who plan to teach science in elementary schools. Prerequisites: Biology 110 and Physical Science 103 or the equivalent. Four semester hours. (Spring, Summer).
360. **Ecology**—Relations between organisms and their environment, factors affecting plant and animal structures, behavior and distribution, energy and material cycles, and populations. Prerequisite: Biology 120, 140. Four semester hours. (Fall).
362. **Vertebrate Field Biology**—A survey of the native vertebrate animals with emphasis on collecting, preservation, identification, and taxonomic relationships. Prerequisite: Biology 140. Four semester hours. (Spring of even numbered years).
364. **Limnology**—A study of methods and research problems in lake biology. This course is taught at the Mid-Appalachian Field Teaching and Research Center. Prerequisites: Biology 120 and 140. Five semester hours. (Summer).

368. **Field Biology**—Any additional course(s) taken at the Mid-Appalachian Field Training and Research Center. Prerequisites: Biology 120 and 140. Four semester hours per course. (Summer).
380. **Microbiology**—A basic course in the study of microbiology. It includes the preparation of media, sterilization, and the isolation, culture, staining, and identification of micro-organisms. Prerequisite: Permission of the instructor. Four semester hours. (Spring).
440. **Endocrinology**—The structure and function of the endocrine glands with emphasis on their control and integration of biological processes. Prerequisite: Biology 340. Four semester hours. (On demand).
490. **Undergraduate Research Problem**—Research on special problems in biology under direct supervision of a faculty member. Prerequisites: twenty-four hours of biology courses and consent of biology faculty member to direct the research problem. One to four semester hours. (Fall, Spring, Summer).

CHEMISTRY

The chemistry curriculum is designed for the student planning a career in industry, research, engineering, teaching, or the biological sciences. It also contributes to the appreciation of this science as it applies to daily life.

The chemistry major leading to the Bachelor of Arts degree consists of twenty-four hours. Mathematics 110 or Mathematics 111 and 112 are required.

The chemistry major leading to the Bachelor of Science degree consists of thirty-four hours which must include Chemistry 103-104, 202, 301-302, 401-402; Mathematics through calculus, and Physics 201 and 202.

The Chemistry minor consists of eighteen hours including Chemistry 103 and 104.

- 103-104. **Inorganic Chemistry**—A study of the principles of inorganic chemistry including qualitative analysis. Five semester hours each semester. (Fall).
150. **Inorganic Chemistry**—A one semester survey of the principles of organic chemistry. Not applicable toward a Chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours. (Fall).
202. **Quantitative Analysis**—A course including representative types of gravimetric and volumetric analysis and a study of the techniques and fundamental principles of analytical chemistry and the stoichiometric problems. Four semester hours. (Fall).
251. **Organic and Physiological Chemistry**—A one semester survey of organic chemistry and elementary biochemistry. Not applicable toward a Chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours. (Spring).
- 301-302. **Organic Chemistry**—The preparation, properties, structure, and reactions of organic compounds. Aliphatic compounds are studied in the first semester and the aromatic compounds in the second. Prerequisite: Chemistry 103-104. Four semester hours each semester. (Fall, Summer).
310. **Biochemistry**—A comprehensive study of the chemical processes taking place in living cells with special emphasis on metabolism and related chemical principles. Prerequisites: Chemistry 302 or concurrent registration and at least eight hours of biology or the consent of the instructor. Four semester hours. (Fall).
311. **Organic Qualitative Analysis**—A course in the standard methods of identification of organic compounds. Prerequisite: Chemistry 302 or concurrent registration. Four semester hours. (Spring of alternate years).

- 401-402. Physical Chemistry**—The study of the states of matter, elementary thermodynamics, solutions, electromotive force, chemical and ionic equilibria, colloids, and atomic and nuclear structure. Prerequisites: Chemistry 104, 202, and Physics 201-202. Four semester hours each semester. (Fall).
- 405. Advanced Inorganic Chemistry**—A systematic study of the elements including atomic structure, bonding, molecular structure, and the Periodic Table. The laboratory consists of selected inorganic preparations. Prerequisite: Chemistry 202. Four semester hours. (Spring of alternate years).
- 490. Undergraduate Research Problem**—Research on special problems in chemistry under the direct supervision of a faculty member. Prerequisite: Twenty hours of chemistry and consent of faculty member to direct the research problem. One to four semester hours. (Fall, Spring, Summer).

MATHEMATICS

The aims of the mathematics program at Milligan College are to develop a systematic basis for logical reasoning, to promote an attitude of unprejudiced inquiry, to provide a general mathematical foundation for life's activities, to supply the working tools for other disciplines, and to promote a desire for further investigation and study.

A major in mathematics shall consist of thirty semester hours which must include 111, 112, 209, and 210. A minor shall require twenty-four semester hours which must include 111, 112, and 209. Math 111-112 will be waived for students who exhibit adequate proficiency.

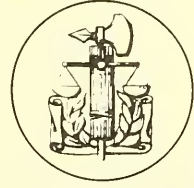
- 103-104. Fundamental Concepts**—A study of the real numbers and elementary geometry. As tools for the development of the real numbers and the geometry, a study is made in detail of set theory and logic. Both deductive logic and inductive properties are studied. Special attention is given to numeration and to language of definition. Each number system (real, rational, integers, whole numbers, and natural numbers) is developed from the succeeding system by definition. Three semester hours each semester. (Fall, Spring, and Summer).
- 108. Business Mathematics**—A study of mathematical tools directly related to the field of management and finance, including a study of percent, simple and compound interest, simple and general annuities, amortization, depreciation and capitalization. For business majors and teacher certification only. Three semester hours. (Fall and Summer by demand).
- 110. Algebra and Trigonometry**—A study of real numbers, functions, exponents, exponential and logarithmic functions, trigonometric functions, complex numbers, theory of equations, systems of equations, permutations, combinations, the binomial theorem, probability, sequences, inverse functions, and trigonometric equations. Five semester hours. (Summer by demand).
- 111. Algebra**—Mathematical methods, the natural numbers, rational numbers, real numbers, relations and functions, algebraic expressions, polynomials, complex numbers, fractions, exponents and radicals, equations, matrices and determinants, progressions, permutations, combinations, and probability. Three semester hours. (Fall).
- 112. Trigonometry**—A study of trigonometric functions, triangles, exponents and logarithms, identities, inverse trigonometric functions, complex numbers, and trigonometric equations. Two semester hours. (Spring).
- 201. Introduction to Computer Science**—A general introduction to the concepts and basic features of the electronic computer. The student learns basic computer language and algorithms by their application in constructing workable programs. One or two semester hours. (Fall, Spring, and Summer by demand).

209. **Analytics and Calculus I**—A study of functions, limits, derivatives, and integrals—their definition, calculation and application, transcendental functions, and the conics. Required of all math majors and minors. Six semester hours. (Fall).
210. **Analytics and Calculus II**—A study of indeterminate forms, Taylor's formula, infinite series, plane curves, three-dimensional analytic geometry, calculus of functions of several variables, and differential equations. Required of all math majors. Six semester hours. (Spring).
214. **Statistics**—A study of probability distributions and inferential as well as descriptive statistics. Topics such as frequency tables, measures of central tendency and dispersion, confidence intervals, and tests of hypothesis are included. Recommended for math majors. Four semester hours. (Fall, Spring, and Summer by demand).
215. **Modern Geometry**—A study of axiomatics, logic, Euclidean and non-Euclidean geometries from a historical viewpoint. Euclidean incidence, betweenness, congruence, and separation are studied along with models for non-Euclidean geometries and their impact on mathematical thought. Recommended for prospective teachers of mathematics. Offered alternate years. Three semester hours.
305. **Differential Equations**—A study of the differential equations, their meaning, types of solution, and uses. Recommended for math majors and minors interested in chemistry and applied math. Prerequisite: Math 210. Three semester hours.
307. **Linear Algebra**—A study of vector spaces, matrices and linear systems, determinants, inner products, and linear transformations. Recommended for all math majors. Offered alternate years. Three semester hours.
308. **Modern Algebra**—A study of algebraic structures such as rings, fields, groups, and integral domains. Recommended for math majors. Offered alternate years. Three semester hours.
310. **Topology**—A study of open sets, closed sets, functions, continuity, compactness, connectedness, product spaces, and homomorphism. Offered alternate years. Three semester hours.
390. **Mathematical Logic**—(See Philosophy 390).
408. **Numerical Analysis**—A study which enables one to write mathematical processes such as integration, differentiation, matrix inversion, and estimation of roots, with arithmetic operations. Study includes orientation toward machine computation. Prerequisite: Math 210. Offered alternate years. Three semester hours.
411. **Introduction to Analysis**—Topological preliminaries, convergence, continuity, differentiability, the Riemann integral, sequences and series of functions, measure and generalized integration. Prerequisite: Math 210. Offered alternate years. Three semester hours.
- 415A, B, C. **Independent Work in Mathematics**—Individual work offered on demand. Topics such as number theory, projective geometry, multivariable calculus, linear programming, game theory, and complex variables are possibilities. Prerequisite: Major with 3.0 grade point average in math. Offered alternate years. One to three semester hours.

PHYSICS

103. **Physical Science**—A study of a few concepts in physics and chemistry. Non-credit toward a major or minor in biology or chemistry. Four semester hours.
- 201-202. **General Physics**—The fundamental principles of mechanics, sound, and heat the first semester. Light and the elements of magnetism and electricity are considered in the second semester. Prerequisite: a knowledge of plane geometry and trigonometry. Four semester hours each semester.

Area of Social Learning



Dr. Orvel Crowder, Chairman

The social learning program of Milligan College is designed to provide for the student a broad and appreciative understanding of man in his social relationships. The approach is both humane and scientific. The purpose of the discipline is to develop the student's comprehension of contemporary problems and to motivate him to seek their solutions in terms of Christian ethics.

ECONOMICS

For course descriptions in Economics see the Area of Professional Learning, Economics:

Economics 201-202	Principles of Economics
Economics 301	Corporation Finance
Economics 302	Financial Management
Economics 304	Government and Business
Economics 311	History of Economic Thought
Economics 312	Economic History of the United States
Economics 401	Labor Economics
Economics 402	Public Finance
Economics 403	Money and Banking
Economics 415	International Economics
Economics 451	Comparative Economic Systems

GOVERNMENT

- 303. American National Government**—A survey of the principles of the American federal system and a study of the structure and function of the national government. Three semester hours.
- 304. Government and Business**—A survey of governmental regulation of economic activity, such as public utilities, transportation, security issuance and commodity markets, competitive practices, and agriculture with brief reference to labor and total wartime controls. Both the economic and political effects of such regulation are considered. Three semester hours.
- 311. State and Local Government**—A study of the structure and function of state and local governments in the United States and the political environment in which they exist. Three semester hours.
- 401. Comparative Government**—An analysis of the theory, structure, and functioning of the governments of the United Kingdom, France, Germany, and the Soviet Union with brief treatments of Japan, Norway, Sweden, Canada, India, and the Latin American republics. Prerequisite: Government 303. Offered alternate years. Three semester hours.
- 402. Political Theory**—A study of the contributions to political thought of the principal philosophers from ancient through modern times with selected readings from representative writers. Offered alternate years. Three semester hours.
- 403. American Constitutional Law**—A survey of the historical development of the American Constitution with emphasis on the role of the judicial branch of the government as arbiter in determining the respective limits on national and state power, in protecting the individual against that national and state activity which offends the Bill of Rights and other constitutional guarantees of liberty and property, and in securing civil rights. Selected court cases will be studied. Three semester hours.



- 450-451. **Seminar in Pre-Law Studies**—A survey of the various phases of American law with emphasis on the essential feature of each phase and the proper interpretation of its related legal terms. Three semester hours each semester.
490. **Readings in Government**—Supervised independent readings for a greater depth or a different approach than provided in other courses. One to three semester hours.
491. **Fieldwork**—A practicum experience that will involve the student in a position in government under adequate supervision for the joint purposes of learning about government and possible occupational choices. One to three semester hours.

HISTORY

An adequate understanding of the present and an intelligent shaping of the future depend upon the knowledge of history. It is, therefore, in keeping with the mission of Milligan College that a sound program of historical study be offered. The major in history consists of thirty hours, of which six will normally be included in the two year Humanities sequence. History majors will advance toward the Bachelor of Arts degree. Fifteen hours must be at the 300 level or above. History 309-310 is required for both the major and the minor.

The minor in history consists of eighteen hours, of which six may be included in the two year Humanities sequence.

223. **History of Greece**—An in-depth study of the Greek world from its foundation through the Hellenic age, to the Hellenistic era with special reference to the various cultural strains contributing to the Greek Experience. The Grecian influence upon the Near Orient is traced. Two semester hours.
224. **History of Rome**—A survey of Rome's progress from Republican times to its decline and replacement by the Germanic kingdoms in the Fourth and Fifth Christian centuries. Two semester hours.
- 303-304. **Introduction to African Studies**—An overview of African cultures and civilizations from earliest time to the present. Three semester hours each semester.
306. **Medieval History**—A study of the development of western culture from the beginning of the Roman Empire to 1500. The degeneration of Roman institutions with consequent feudalism is carefully traced. The commercial revival and cultural revolution is studied, along with other factors leading toward the Protestant Reformation. Three semester hours.
308. **Contemporary History**—A study of events, ideas, and institutions since 1870 with particular attention to the continuing growth of nationalism, world organizations, technological changes, and totalitarianism. Three semester hours.
- 309-310. **American History**—A study of the history of the United States from the Colonial Period to World War II with special reference to the history of Tennessee. Careful study is given to the growth of American political institutions and to the social and economic life of the people of the United States. Three semester hours each semester.
311. **History of Economic Thought**—(See Economics 311).
312. **Economic History of the United States**—(See Economics 312).
313. **Problems of Contemporary Civilization**—An advanced study of selected problems of the present era such as revolution, nationalism, and colonialism. Offered alternate years. Three semester hours.

321. **History of the Renaissance**—A study of the transition from the Middle Ages to the Modern World emphasizing cultural change from 1300 to 1600. Three semester hours.
- 331-332. **History of England**—The story of England from the earliest times to the present, emphasizing the English constitutional development, the concept of representative government, and the building of the Empire. Prerequisite: Humanities 101-102 is desired. Offered alternate years. Three semester hours each semester.
- 341-342. **Church History**—A study of the history of the Church from its beginning to the Reformation. Consideration is given to the causes, principles, and history of Protestantism. Prerequisite: Humanities 101-102. Three semester hours each semester.
351. **History of the Reformation**—A study of the religious revolution of the Sixteenth Century emphasizing both traditional reformers and reformers in the "Free-church" tradition. Three semester hours.
- 361-362. **History of Russia**—A survey of the history of Russia with emphasis upon major developments in the modern and contemporary scene. Offered alternate years. Three semester hours each semester.
371. **American Colonial Period**—A study of American colonial history beginning with the establishment of North American colonies and concluding with the American Revolution with an emphasis upon factors in this period having an effect upon American growth and development. Three semester hours.
376. **Jefferson to Jackson**—A study of the period between the lives of Thomas Jefferson and Andrew Jackson with attention given to the ideas and events which resulted in the emergence of the nation and the development of the frontier. Three semester hours.
381. **The Revolutionary Era**—A study of the emergence of democratic ideas, the Industrial Revolution, the emergence of nationalism, and the role of political and cultural revolution in Europe from 1760 to 1870. Three semester hours.
- 401-402. **Intellectual History of the Western World**—A study of the development of selected ideas within western culture and an evaluation of their impact upon the modern world. Offered alternate years. Two semester hours each semester.
- 403-404. **Historiography**—An advanced study of the principles of historical investigation and research. Offered alternate years. One semester hour each semester.
411. **Civil War and Reconstruction**—An examination of the political, social, and economic forces leading to the disruption of the Union. A study is included of the military action resulting from secession, the factors contributing to the ultimate victory of the Union, and the problems of reconstruction facing the Nation. Three semester hours.
412. **Recent American History**—A study of the political, economic, diplomatic, and social history of the United States since 1933 with special emphasis on the period since World War II. Three semester hours.
421. **History of the Ancient Near East**—The history of the emerging Mesopotamian civilization from earliest times through the fall of the Sassanid Persian Empire. The diffusion of this civilization into the rest of the Near East is traced. Two semester hours.
422. **Cultural History of the Ancient Near East**—An examination of the ancient Near Eastern response to life as revealed in myth and epic, belles lettres, religion, institutions, and sociological patterns. Two semester hours.

423. **Early and Medieval Islamic History**—An analysis of Islam's origins, within the Near Eastern cultural complex and its course of conquest through the Near East until the Ottoman Turkish Empire. Emphasis is given to Moslem contribution to Western Civilization. Two semester hours.
424. **Modern Near Eastern History**—An appraisal of the Near Eastern role in the Western World from the Ottoman Turkish Empire through the present Arab-Israeli confrontation. Two semester hours.
- 431-432. **Reformation of the Nineteenth Century**—A study of the background, issues, and courses of the Nineteenth and Twentieth Century efforts to restore New Testament Christianity. Prerequisite: History 341-342. Not applicable toward a history major or minor. Three semester hours each semester.
- 441-442. **Seminar Studies in History**—Analysis of selected problems relating to significant aspects of thought and life. Subjects of study vary each semester according to the particular interests of students in the seminar. Three semester hours each semester.
445. **Historical Research**—Study of the theory and exercise in the practice of original historical research. Prerequisite: A grade-point average of 3.0. Three semester hours.
446. **Historical Readings**—A concentrated program of readings in history and its related fields, designed to broaden perspectives and to deepen insights. Prerequisite: a grade-point average of 3.0. Three semester hours.



Human Relations Majors

The Sub-Area of Human Relations provides a major and a minor in human relations with curricula leading to B.S. and B.A. degrees. The major enables students to develop specialty programs in psychology, sociology, social agency administration, youth leadership, or government/business leadership. For the B.S. degree, 36 hours are required; for the B.A. degree, 27 hours with a foreign language are required for Tracks I, II, and III, and 30 hours in Tracks IV and V. A major in human relations requires a program of 12 hours of core courses which are Psychology 155, 350 and Sociology 201, 303. Remaining courses for an elective must be taken from the specific courses listed for that track and must be arranged in consultation with the Area Chairman. Students may not major in one track while minoring in a different track of the Human Relations program. Students electing Track V may not use any courses counted toward the major as meeting minor requirements.

		Core Courses			
		Psy. 155 (3 hours)	Soc. 201 (3 hours)		
		Psy. 350 (3 hours)	Soc. 303 (3 hours)*		
Track One: Psychology	Track Two: Sociology and Anthropology	Track Three: Social Agencies***	Track Four: Youth Leadership	Track Five: Government/Business Leadership	
Required Courses: (12-13) Psy. 250 Psy. 251 Psy. 259** Psy. 358	Required Courses: (9) Soc. 210 Soc. 401 Soc. 451	Required Courses: (9) Soc. 311 Soc. 403 Soc. 451	Required Courses: (16-17) H&PE 203, 300, or 301 H&PE 409 Psy. 452 R.E. 317 Soc. 426	Required Courses: (18) B Adm. 361 B Adm. 363 Econ. 201 Econ. 202 Gov. 304 or 311 Gov. 491 or B Adm. 491	Required Courses: (18) B Adm. 361 B Adm. 363 Econ. 201 Econ. 202 Gov. 304 or 311 Gov. 491 or B Adm. 491
Suggested Electives: Math 214 Psy. 252 Psy. 352 Psy. 353 Psy. 458 Psy. 401 Psy. 404 Psy. 405 Psy. 452 Psy. 454 Psy. 456	Suggested Electives: Math 214 Soc. 311 Soc. 312 Soc. 314 Soc. 360 Soc. 403 Soc. 413 Soc. 421 Soc. 426	Suggested Electives: Psy. 250 Psy. 251 Psy. 252 Psy. 352 Psy. 353 Psy. 401 Psy. 458 Soc. 210 Soc. 312 Soc. 411 Soc. 413	Suggested Electives: R.E. 304 R.E. 308 R.E. 318 or 411 Soc. 311 Soc. 312 Soc. 314 Soc. 360 Soc. 403 Soc. 421 Soc. 426 Soc. 490 Soc. 491	Suggested Electives: R.E. 304 R.E. 308 R.E. 318 or 411 Soc. 311 Soc. 312 Soc. 314 Soc. 360 Soc. 403 Soc. 421 Soc. 426 Soc. 490 Soc. 491	Suggested Electives: Other B. Adm. and Econ. courses Other Gov. courses Psy. 353 Soc. 426

*Government 303 is substituted for Soc. 303 (Core Courses) in Track V.

**Students certifying to teach may substitute Psy. 454 for Psy. 259.

***For those interested in agency and institutional management, a minor in Business Administration is suggested.

Human Relations Minors

The Sub-Area of Human Relations provides a major and a minor in human relations with curricula leading to B.S. and B.A. degrees. A minor in human relations is 18 hours including the required courses for the track selected. Only those electives specifically listed may apply to the minor and are to be arranged in consultation with the Area Chairman.

Track One: Psychology	Track Two: Sociology and Anthropology	Track Three: Social Agencies	Track Four: Youth Leadership
Required Courses: (9)	Required Courses: (12)	Required Courses: (12)	Required Courses: (18)
Psy. 155 Psy. 350 Soc. 201	Psy. 155 Soc. 201 Soc. 303 Soc. 350	Psy. 350 Psy. 352 Soc. 201 Soc. 303	H&PE 409 Psy. 350 Psy. 452 Soc. 201 Soc. 303 Soc. 426
Recommended Electives: (9)	Recommended Electives: (6)	Recommended Electives: (6)	Recommended Electives:
Math 214 Psy. 250 Psy. 251 Psy. 252 Psy. 358 Psy. 452 Soc. 201 Soc. 303 Soc. 426	Math 214 Psy. 250 Psy. 251 Soc. 210 Soc. 301 Soc. 311 Soc. 314 Soc. 426	Gov. 304 Psy. 250 Psy. 251 Psy. 353 Psy. 458 Soc. 201 Soc. 303 Soc. 311	H&PE 111 or 411 H&PE 203, 300, and 301 H&PE 311 H&PE 409 Psy. 250 Psy. 261 Psy. 252 Psy. 353 R.E. 251 R.E. 317 R.E. 318 Soc. 201
Other Possible Electives:	Other Possible Electives:	Other Possible Electives:	Other Possible Electives:
Any other Psy. course Soc. 210 Soc. 360 Soc. 414	Any other Soc. course	B.Adm. 361 B.Adm. 362 B.Adm. 401 B.Adm. 402 Econ. 201-202 Psy. 401 Any other Soc. course	Psy. 358 Psy. 404 Psy. 405 Psy. 458 R.E. 304 R.E. 308 Any other Soc. course

PSYCHOLOGY

The course-offerings in psychology are designed to meet the needs of those who are preparing for graduate study in psychology, as well as to serve students for whom psychology is one of the important dimensions of a liberal arts education. While the major orientation is Christian and Humanistic, a thorough understanding of the Behavioristic approach is believed to be essential.

Those certifying to teach may substitute up to 8 hours of courses in Education for courses in psychology for a Track One Human Relations major.

- 155. Psychology of Adjustment**—This is an introductory course emphasizing the psychologies of personality, motivation, adjustment, and learning. Many states require such a course for teacher certification. Psychology majors and minors who have had a high school course in Psychology may omit Psychology 155. Three semester hours.
- 250-251. General Psychology**—A two-semester, mastery course, introducing the student to all the major areas of psychology, psychological statistics, and basic practicum in experimental and research methodology. Required of all majors and minors and a prerequisite for (or should be concurrent with) Psychology 259, and all 400-level courses. Three semester hours each semester.
- 252. Developmental Psychology**—Origins of psychological processes and general genetic principles and development of the individual in physical, lingual, social, intellectual, emotional, and personal areas. The course is offered under the direction of either the Psychology or Education areas. Unless the student plans to certify as a teacher, it should be taken under a professor in the Psychology Area. In Education: Four semester hours. In Psychology: Three semester hours.
- 259. Experimental Psychology**—Basic study of experimental methods and design with emphasis on laboratory and research applications, divided between lecture and laboratory sessions. Prerequisite: Mathematics 214. Four semester hours.
- 350. Social Psychology**—A study of the findings of science with regard to the individual in society. Some emphasis is given to research and experimentation. Three semester hours.
- 352. Industrial and Business Psychology**—A study of the practical applications of psychological principles in industry, business, advertising, and the professions. Three semester hours.
- 353. Personality Theory**—A course designed to acquaint the student with the important theories of personality structure and development as they apply to personal adjustment and human relations in contemporary society. Prerequisite: Psychology 250-251. Three semester hours.
- 358. Abnormal Psychology**—A careful consideration of the data and principles which have proved helpful in interpreting deviations from normal behavior. Three semester hours.
- 401. Systems and Theories**—An overview of the major systems and theories of contemporary psychology, with in depth study in areas of specialization, including refresher practicum in statistics and experimentation. Three semester hours.
- 404. Educational Psychology**—Treatment of growth and development of children and adolescents with emphasis on the learning process and the evaluation of the educational program. Three semester hours.
- 405. Theories of Learning**—A course designed to acquaint the student with the major theories of learning and their importance for educators and students. Three semester hours.

452. **Pastoral Counseling**—An introductory course, primarily for preministerial students, considering the theory and processes of sound counseling and clinical psychology. Prerequisite: Psychology 358. Three semester hours.
454. **Introduction to Psychological Testing**—Theory and methods of measuring human behavior, including a survey of representative tests of ability and tests of typical performance. Three semester hours.
456. **Reading Seminar in Psychology**—Presentations by staff of relevant problems in all areas of psychology and problems involving its communication with other disciplines. One to three semester hours.
458. **Humanistic Psychology**—A course in the concepts of man, mind, and basic human nature in the light of contemporary psychology. Particular emphasis is given to Existential and Phenomenological insights and their influence on contemporary life and art. Three semester hours.
490. **Special Problems in Psychology**—Supervised independent readings or minor research on selected problems in the field of psychology. Prerequisite: Consent of instructor. One to three semester hours.
491. **Field Work in Psychology**—Supervised field work in various institutions and agencies, including children's homes, schools, homes for the aging, delinquency and probation programs as well as work with other agencies. Prerequisite: Consent of instructor. Three to six semester hours.

SOCIOLOGY

201. **Introduction to Sociology**—Scientific study of human society and the various means by which individuals and groups adjust to each other and to their physical and social environment. Three semester hours.
210. **Introduction to Cultural Anthropology**—A study of the dynamics of culture and society; folkways, mores, and institutions and their significance for comprehending the variations in contemporary cultural orientations, customs, and manners. Three semester hours.
303. **Family**—A study of the social significance of the modern American family viewed in the perspective of its cultural heritage. Three semester hours.
311. **The Sociology of Crime and Delinquency**—The nature of crime and delinquency, including criminal statistics, casual factors, theories, and procedures in prevention, treatment, and corrections. Prerequisite: Sociology 201. Three semester hours.
312. **Juvenile Delinquency**—An assessment of the nature of the delinquency problem, major sociological causes and their implications for control, and the administration of juvenile justice. There will be field contacts with juvenile counselors and the Johnson City Juvenile Court. Three semester hours.
314. **Race and Ethnic Relations**—Racial and cultural contacts and conflicts, including an analysis of prejudice and discrimination, status and participation of minority groups, and national and international aspects of minority problems. Prerequisite: Sociology 201. Three semester hours.
350. **Social Psychology**—(See Psychology 350). Does not meet general education requirements for sociology, economics, or government. Three semester hours.
360. **Problems of Cross-Cultural Communication**—Inductive and theoretical analysis of the problems encountered in the communication of ideas across culture boundaries, their basis and origin, their consequences and approaches to overcoming them. Prerequisite: Sociology 201. Three semester hours.

401. **Sociological Research**—An introduction to the methods of data collecting and analysis; the interpretation of social data. Required of all majors in Track Two. Three semester hours.
403. **Urban Sociology**—A study of the sociology of urban life, including theories of urban growth, ecology, and dynamics of urban change. Prerequisite: Sociology 201. Three semester hours.
413. **Seminar in Aging and Retirement**—A study of the life-circle, psychological and physiological changes, adaptation to old age and retirement, and disengagement. Prerequisite: Sociology 201 and 303. Three semester hours.
414. **Seminar in Kinship**—Anthropological theories and methods in the study of kinship around the world; an inductive analysis based on ethnographic reports. Prerequisite: Sociology 201. Three semester hours.
421. **Sociology of Religion**—A study of interactive relationships between religious and other social institutions with special attention to the contemporary American religious scene. Three semester hours.
426. **Sociology of Small Groups**—A social-psychological approach to small group dynamics and interaction. Prerequisite: Sociology 201. Three semester hours.
451. **Sociological Theory**—A study of the origin and growth of sociological thought, beginning with Comte, Spencer, and LePlay. Special attention will be given to the contemporary developments in sociological theory. Prerequisite: Consent of the instructor. Required of all majors in Track Two. Three semester hours.
461. **Dynamics of Culture Change**—Identification of the processes of culture change, both internal and external, and critical study of theories offered to account for culture change. Three semester hours.
490. **Special Problems in Sociology**—Supervised independent minor research, reading, or experience in group leadership. Prerequisite: Sociology 201 and the consent of instructor. One to six semester hours.
491. **Field Work in Sociology**—Supervised field work in various institutions and agencies, including children's homes, homes for the aging, delinquency and probation work, as well as work with other agencies. Prerequisite: Sociology 201 and consent of instructor. Three semester hours.

THE INSTITUTE OF WORLD STUDIES/CHURCH GROWTH

In today's world, a growing number of students can look forward to spending part or all of their careers in sociocultural settings different from their own, whether in a foreign country or in their own. Some will enter the service of Christian missions and will be professionally involved in evangelization, church planting, and other aspects of Christian witness. Others will serve their Lord through employment in a host of careers in government, business, the professions, or the academic world. A partial list of agencies which offer interesting and satisfying careers around the world includes the United States Government (Foreign Service, USAID), foreign governments (personnel in medicine and public health, agriculture, education, engineering, etc.), the United Nations (UNESCO, Food and Agriculture Organization, World Health Organization), public and private educational institutions at all levels, and business corporations.

Success in any of these fields depends crucially on the ability to communicate across cultural barriers. The Institute aims to help the student contemplating a career in any of these areas to understand the social, cultural, historical, economic, political, religious, and psychological factors which tend to block and distort or to facilitate cross-cultural communication. The Institute is, therefore, an interdisciplinary program, selecting relevant course options from the fields of anthropology, sociology, history, economics, political science, and religion. Every effort is made to see in these disciplines tools for understanding and service.

The Institute comprises three divisions: Undergraduate, Graduate, and Continuing Education. It also sponsors occasional symposia and lectureships, publishes the quarterly *Milligan Missiogram*, and makes its faculty available to churches and missions for consultation.

The UNDERGRADUATE division leads to the B.A. from Milligan College with a major or minor in world studies. Students planning on a career in Christian mission will also major or minor in Bible. Students planning on other careers will major or minor in an area relevant to their vocational choices. Some of the options offered in course requirements will also depend on vocational interests.

The GRADUATE division leads either to the M.A. in Religion (2 years) or the M.Div. (3 years) from Emmanuel School of Religion. Applicants are expected to meet the entrance requirements of Emmanuel and to fulfill the normal general requirements for the desired degree. These general requirements are flexible enough to permit each student to take 24 semester hours in a chosen field of concentration. The Institute courses constitute such a concentration. A thesis is required for each degree.

The division of CONTINUING EDUCATION offers short-term (2-3 weeks) intensive courses, mainly during the summer, either on campus or in other places around the world as arrangements can be made. Each session makes available to missionaries and other interested and qualified persons one of the courses from the Graduate division. Academic credit can be arranged for qualified candidates.

Courses of Instruction in the Undergraduate Division

The major in world studies leading to a B.A. consists of 24 semester hours plus 12 hours of a foreign language.

Required Courses

- Soc. 210 Introduction to Cultural Anthropology
- Hist. 313 Problems of Contemporary Civilization
- CM 270 Introduction to Christian Mission

One of the following two:

- Soc. 360 Problems of Cross-Cultural Communication
- Soc. 375 Dynamics of Cultural Change

One of the following two:

- Soc. 314 Race and Ethnic Relations
- Soc. 421 Sociology of Religion

One of the following three:

- Gov. 401 Comparative Government
- Rel. 350 Comparative Religion
- Eco. 451 Comparative Economic Systems

A total of 6 hours from the following list:

- WS 400 Area Studies through Reading and Conference
- Soc. 490 Field Work (in an area foreign to the student)
- Hist. 303-304 Introduction to African Studies
- Hist. 424 Modern Near Eastern History
- Bib. 285 or 286 Seminar in Palestine

The minor in world studies consists of 18 semester hours.

Required Courses

- Soc. 210 Introduction to Cultural Anthropology
- Hist. 313 Problems of Contemporary Civilization

One of the following two:

- Soc. 360 Problems of Cross-Cultural Communication
- Soc. 375 Dynamics of Cultural Change

One of the following two:

- Soc. 314 Race and Ethnic Relations
- Soc. 421 Sociology of Religion

One of the following three:

- Gov. 401 Comparative Government
- Rel. 350 Comparative Religion
- Eco. 451 Comparative Economic Systems

A total of 3 hours from the following list:

- WS 400 Area Studies through Reading and Conference
- *Hist. 304 Introduction to African Studies
- Hist. 424 Modern Near Eastern History

*The second semester is specified as being more closely related to the contemporary world in which the student will work.

400. Area Studies Through Reading and Conference—Supervised and independent reading or minor research about some area of the contemporary world (e.g. Africa, Asia, Latin America), with oral and/or written reports. Prerequisite: Consent of instructor. One to six semester hours.

Courses of Instruction In the Graduate Division

The courses of the Graduate division are offered by the Emmanuel School of Religion and are normally available only to persons who have been admitted to Emmanuel.

CMG 501 Introduction to Church Growth—An introductory survey of “church growth thinking” giving due consideration to the Biblical basis, principles and procedures, and strategic aspects of church growth. Three semester hours.

CMG 505 Research and Planning for Church Growth—Principles of program and field analysis with reference to growth factors affecting the local church. Two semester hours.

CMG 531 Theology and Mission—A study of approaches to the relevance of theology to mission: as rationale for mission, as process of mission and as outcome of mission. Three semester hours.

CMG 541 Anthropology and Mission—A study of anthropological data, concepts, methods, and application to mission. Three semester hours.

CMG 601 Societal Models and Church Growth—A survey of societal models and case studies to explain the relationship of the types of society to church growth. Three semester hours.

CMG 611 Problems of Cross-Cultural Communication—A study of those aspects of culture which pose most problems for the effective and accurate communication of Christian concepts and attitudes across cultural boundaries. Three semester hours.

CMG 621 Methods of Church Growth Research—An investigation of various methods of research to delineate the factors both functional and dysfunctional to church growth in a given mission field. Three semester hours.

CMG 701 Colloquy in Missiology—A seminar to aid the student to integrate the various aspects of current missiological studies. Two semester hours.

CMG 797-798 Thesis—Preparation of a thesis on a significant topic approved by the faculty, including weekly written reports to and scheduled conferences with the student's major professor. Two semester hours each semester.

CURRENT STATISTICS



Endowment Funds of Milligan College

Milligan College is a church-related, liberal arts college. It is dedicated to high scholarship and Christian character. It receives its income from endowments, gifts, and student fees. It is not a tax-supported school.

The following Endowment Funds, Trust Funds, and Memorial Funds have been established in Milligan College.

Named Funds

The Hoover-Price Trust Fund
 The McWane Foundation Fund
 The Waddy Trust Fund
 The Johnson City Endowment Fund
 The Corinna Smithson Cashman Fund
 The Adam B. Crouch Memorial Fund
 The Sarah Eleanor La Rue Hopwood Memorial Fund
 The Josephus Hopwood Memorial Fund
 The C. W. Mathney Memorial Fund
 The Frank P. Walthour, Sr., Memorial Fund
 The Robert A. Balderson Memorial Fund
 The Thomas Wilkinson Memorial Fund
 The E. E. Linthicum Memorial Fund
 The Elizabethton Endowment Fund
 The Ministerial Scholarship Fund of the Erwin Christian Church
 The Milligan College Building and Endowment Fund
 The McCowan Fund
 The Perry L. Gould Memorial Fund
 The L. G. Runk Endowment Fund
 The Milligan Alumni Endowment Fund
 The Derthick Memorial Fund
 The Kelton Todd Miller Memorial Fund
 The Horace E. and Mary Surepta Burnham Memorial Fund
 The Anglin Fund
 The Aylette Rains Van Hook Memorial Fund
 The Mary Harvey Taber Memorial Fund
 The McCormick Fund
 The Florence Ley Walker Memorial Fund
 The Philip Scharfstein Scholarship Fund
 The Webb D. Sutton Trust Fund
 The Edith B. Cottrell Memorial Fund
 The Milligan College Memorial Foundation
 The Barbara Mains Memorial Fund
 The Wiley Wilson Memorial Fund
 The B. D. Phillips Fund
 The Milligan College Cemetery Association
 The George Iverson Baker Memorial Fund
 The Anna Lucas Kennedy Fund
 The Sam J. Hyder Memorial Fund
 The Ada Bennett Memorial Fund
 The A. F. Cochran Memorial Fund
 The Purpose of Man Award Fund
 The Arthur H. Miller Memorial Fund
 The Mary Hardin McCown Living Endowment Fund
 The Dorothy S. Wilson Memorial Fund
 The Clarence and Lela Anderson Brumit Memorial Fund
 The Guy and Rhea Oakes Memorial Fund
 The Evangeline K. Lucas Memorial Fund
 The Joseph R. Crandall Memorial Fund
 The Myrtle C. King Memorial Fund

The Lone L. Sisk Endowment Fund
The Mr. and Mrs. Fred Proffitt Memorial Fund
The Dr. Charles E. and Florence A. Burns Memorial Fund
The Dr. H. O. Bowling Memorial Fund
The Ira and Irene Atkinson Memorial Fund
The John C. Paty, Sr., Memorial Fund
The James H. Smith Memorial Fund
The Herschell J. Springfield Memorial Fund
The Dora D. Shoun Memorial Fund
The Clyde Ratliff Memorial Fund
The Virginia Burns Elder Memorial Fund
The Edgar Ralph Turner Memorial Fund
The W. Sylvester Hughes Endowment Fund
The 1968 Class Fund
The 1976 Class Fund

It is hoped that through the years many other Memorial Funds may be established. Anyone wishing to establish such a fund should write to Dr. Jess Johnson, President, Milligan College, Milligan College, Tennessee 37682.

Living Link Relationship

Christian churches which contribute \$3,000 or more annually to the general fund of Milligan College are eligible to select one of the professors of the college as the living-link Christian educator of that congregation.

Sharing in this special relationship are:

- Christian Church, Brownsburg, Indiana; Plainfield Christian Church, Plainfield, Indiana—Dr. Robert O. Fife
- East 49th Street Christian Church, Indianapolis, Indiana—Dr. C. Robert Wetzel
- First Christian Church, Johnson City, Tennessee—Dr. John L. Morrison
- First Christian Church, Chicago, Illinois: THE DEAN E. WALKER CHAIR OF CHURCH HISTORY—Dr. Henry E. Webb

Churches desiring information concerning this program may write to the President of the College.



THE MILLIGAN COMMUNITY



THE MILLIGAN COMMUNITY

We distinguish those who hold some form of membership in the College as the "Milligan Community." Membership consists of five classifications: Trustees, Advisers, Faculty, Students, and Alumni. The term "Community" thus refers not to a geographic or social locality but rather to persons sustaining relationship to one another through their membership in the College. These persons are held together by a common heritage, by common ideals, and by commitment to a common ultimate goal. We speak informally of the association as "the Milligan Family." Experience set in such a community is productive of a common spirit, a deep affection, a mutual trust, and enthusiasm in discharging the responsibilities and enjoying the rewards incident to membership in the College.

The Trustees

The trustees are the members of the College to whom are committed the ownership and oversight of the physical property of the College and the responsibility of electing the officers of administration and of instruction. Upon recommendation of the faculty, they authorize the advancement of candidates to the degree for which they have qualified. The Board of Trustees is self-perpetuating. Members are chosen from the Advisers for their commitment to the purpose of the College.

Trustees, January 1977

Robert E. Banks, **Secretary**, Attorney, Elizabethton, Tennessee
Russell F. Blowers, Minister, East 49th Street Christian Church, Indianapolis, Indiana
Samuel C. Bower, **Vice Chairman**, Physician, Mill Hall, Pennsylvania
James Burleson, Vice President and Trust Officer, Hamilton National Bank, Johnson City, Tennessee
Theodore Cord, Retired, El Paso, Texas
Jordan Crouch, Executive Vice President and Secretary, Nevada Bankers Association, Reno, Nevada
John Davis, Executive, Delta Airlines, East Point, Georgia
Henry Gruenberg, Retired, Flanagan, Illinois, and North Miami, Florida
Harry J. Guion, Insurance Agent, Indianapolis, Indiana
Howard Hauser, President, Brown and Hauser Auto Sales, Inc., Indianapolis, Indiana
Ard Hoven, Minister, First Christian Church, Columbus, Indiana
Steve Lacy, Real Estate Development, Johnson City, Tennessee
Leslie L. Lumsden, Retired, Punta Gorda, Florida
Howard C. McCorkle, Retired, Johnson City, Tennessee
Mrs. L. W. McCown, Historian and Church Woman, Johnson City, Tennessee
James H. Magness, President, The Forest Hill State Bank, Forest Hill, Maryland
Jack R. Musick, **Treasurer**, Judge, First Judicial District of Tennessee, Elizabethton, Tennessee
Wade Patrick, President, Johnson City Transit Company, Johnson City, Tennessee
Mrs. B. D. Phillips, **Chairman**, Educator and Church Woman, Butler, Pennsylvania
W. V. Ramsey, Businessman, Mountain City, Tennessee
Ralph Small, Vice President and Publisher, Standard Publishing Company, Cincinnati, Ohio
Robert L. Taylor, United States District Court Judge, Knoxville, Tennessee
Roy True, Public Accountant, Johnson City, Tennessee
George Walker, Insurance Executive, Canton, Ohio
Frank L. Wiegand, Attorney, Pittsburgh, Pennsylvania

Trustees Emeriti

Jack Covington, Contractor, Winston-Salem, North Carolina
W. H. MacDonald, Retired Public Accountant, Johnson City, Tennessee
John U. Phelps, Minister, Clemmons, North Carolina
James L. Tarwater, Executive, Roane Hoisery Mills, Harriman, Tennessee

Advisers, January 1977

- Ron Adams, Businessman, Las Vegas, Nevada
 Charles E. Allen, Physician, Johnson City, Tennessee
 Sylvan Amstutz, Businessman, Orrville, Ohio
 William Anderson, Minister, East Unaka Church of Christ, Johnson City, Tennessee
 James Barton, Minister, First Christian Church, Nashville, Tennessee
 Clyde Broyles, Jr., Businessman, Elizabethton, Tennessee
 Melvin Bryant, Minister, First Christian Church, Salem, Missouri
 H. A. Bullis, Minister, Mountain Christian Church, Joppa, Maryland
 Wade Bunting, Director, Gilford County Juvenile Detention Home, Greensboro, North Carolina
 Laurel Carr, Vice President, Bell Company, Chicago, Illinois
 William S. Carter, Businessman and Philanthropist, Dallas, Texas
 Floyd Collins, Collins Brothers Oil Co., Mt. Vernon, Illinois
 E. Richard Crabtree, Minister, First Christian Church, Canton, Ohio
 Horace (Butch) Dabney, Central Office Supply Co., Inc., Louisville, Kentucky
 Glen Daugherty, Minister, Mt. Bethel Christian Church, Limestone, Tennessee
 Doug Deller, Agriculture, Angola, Indiana
 Harold Devault, Businessman, Concord, Tennessee
 Wayne Emery, Minister, Central Holston Christian Church, Bristol, Tennessee
 James Evans, Minister, Westside Christian Church, East Point, Georgia
 W. Edward Fine, Minister of Education, Central Christian Church, St. Petersburg, Florida
 Jack Gilbert, Accountant, Allison Division, General Motors, Indianapolis, Indiana
 Charles Gresham, Minister, First Christian Church, Elizabethton, Tennessee
 Ann Hall, Businesswoman, Las Vegas, Nevada
 John Hart, Retired, Johnson City, Tennessee
 Fred I. Head, Senior Advisor, U.S. Government—Office of Economic Opportunity, Peachtree City, Georgia
 Henry Hill, Minister, Downtown Christian Church, Johnson City, Tennessee
 W. E. Hyder, Retired, General Mills, Johnson City, Tennessee
 Gary Jenkins, Minister, Fairfax Christian Church, Indianapolis, Indiana
 Dave Johnson, Graduate student, Milligan College, Tennessee
 E. P. (Penny) Jones, Executive, Boy Scouts of America, Atlanta, Georgia
 Robert L. Kroh, Minister, Central Christian Church, Las Vegas, Nevada
 James Landrum, Minister, First Christian Church, Norfolk, Nebraska
 Marshall Leggett, Minister, Broadway Christian Church, Lexington, Kentucky
 Jack C. Leimbach, Minister, Church of Christ, Mill Hall, Pennsylvania
 Kent E. McQuiston, Accountant, Indianapolis, Indiana
 David Marler, Chaplain, Veteran's Administration, Indianapolis, Indiana
 Gordon Mehaffey, Minister, First Christian Church, Brook, Indiana
 Galer Miller, Businessman, Greenwood, Indiana
 Tracey Miller, Minister, First Christian Church, Erwin, Tennessee
 Warren Miller, Medical Resident, Indianapolis, Indiana
 John Mills, Minister, First Christian Church, Chicago, Illinois
 Thomas E. Mock, Assistant Vice President, American Fletcher National Bank, Oaklandon, Indiana
 John Newman, Businessman, Brownsburg, Kentucky
 William O. Norris, Minister, Christian Church, Wellsburg, West Virginia
 Paul F. Nourse, Minister, First Christian Church, Evansville, Indiana
 John R. Pierce, Minister, First Christian Church, Ft. Myers, Florida
 Walter Puckett, Campus Minister, Indiana State University, Terre Haute, Indiana
 David Pugh, Teacher, Howe High School, Indianapolis, Indiana
 Lucian Robinson, Evangelist, Lexington, Kentucky
 Robert Robinson, Businessman, Brownsburg, Indiana
 Goffery Salyer, Business-Mining, Elkhorn City, Kentucky
 Donald Sams, Minister, Christian Church, High Point, North Carolina
 John R. Selders, Minister, Greenford Christian Church, Greenford, Ohio
 Mrs. Ruth G. Settles, Retired, Louisville, Kentucky
 Allen Sharp, U.S. District Court Judge, Indianapolis, Indiana

Robert W. Shaw, Minister, Central Christian Church, Miami, Florida
Ralph E. Sims, Minister, First Christian Church, Johnson City, Tennessee
Ronald Spotts, Businessman, Beechcreek, Pennsylvania
Joseph Sutherland, Professor, Emmanuel School of Religion, Johnson City, Tennessee
Marvin Swiney, Principal, Mountain Mission School, Grundy, Virginia
Thomas L. Tatham, Attorney, Miami, Florida
M. E. Thornton, Director, Market Development, Colgate-Palmolive Company, New York, New York
Mrs. Frank Wiegand, Church Woman, Pittsburgh, Pennsylvania
Jerry Williams, Minister, Ben Davis Christian Church, Indianapolis, Indiana
Elgin Wollman, Executive, Society for Visual Education, Chicago, Illinois
Harold Zimmerman, Maintenance Engineer, Allison Division, General Motors, Indianapolis, Indiana
Ronald Zimmerman, Senior Purchasing Expediter, Detroit Diesel Allison, Indianapolis, Indiana



Married Student Housing

FACULTY AND ADMINISTRATION 1976-77

JESS W. JOHNSON, President (1966)
B.Th., Northwest Christian College;
B.D., Christian Theological Seminary;
D.D., Milligan College; University of Oregon; Butler University;
Union Theological Seminary; LaSalle University.

DEAN EVEREST WALKER, Chancellor (1950)
B.A., Tri-State College; M.A., B.D., Butler University; D.D., Milligan College; S.T.D., Kentucky Christian College; Litt.D., Tri-State College; Bethany College; Ohio University; University of Chicago; University of Edinburgh.

KENNETH W. OOSTING, Academic Dean (1976)

A.B.Ed., University of Michigan; M.A., Central Michigan University; Ph.D., University of Minnesota; Muskegon Community College; American University; Michigan State University.

B. J. MOORE, Business Manager (1965)

B.S., East Tennessee State University.

PAUL A. CLARK, Dean of Students and Director of Teacher Education (1965)

B.A., Harding College; M.A., East Tennessee State University; Ed.D., University of Kentucky.

EUGENE H. WIGGINTON, Director of Development (1971)

B.A., Cincinnati Bible Seminary.

Administration

DALE CLAYTON, Financial Aid Officer (1973)

B.A., Milligan College.

PHYLLIS DAMPIER FONTAINE, Registrar (1963)

B.S., M.A., East Tennessee State University; Milligan College.

RODNEY D. IRVIN, Director of Communications (1972)

B.A., Milligan College; M.S., University of Tennessee.

KENNETH JOHNSTON, Director of Church Relations (1972)

B.Th., D.D., Northwest Christian College; Oregon College of Education; Butler School of Religion.

JOE P. McCORMICK, Assistant to the President (1956)

B.S., Milligan College.

JOHN W. NETH, Director of the P. H. Welshimer Library (1953-58, 1962)

B.S., Bethany College; M.A., Butler University; B.D., Christian Theological Seminary; M.A. in L.S., Peabody College for Teachers; University of Santo Tomas (P.I.); George Washington University; Western Reserve University.

PHILLIP A. WORRELL, Director of Student Enlistment (1969)

B.S., Milligan College; M.S., Indiana State College; Butler University; Kent State University.

PAUL BADER, Student Enlistment Officer (1976)

B.S., Milligan College; St. Louis Christian College.

LAWRENCE E. HUFF, Student Enlistment Officer (1973)

B.A., Milligan College; Emmanuel School of Religion.

Professors

PAUL A. CLARK, Chairman, Area of Professional Learning and Professor of Education and Director of Teacher Education (1965)
B.A., Harding College; M.A., East Tennessee State University; Ed.D., University of Kentucky.

ORVEL C. CROWDER, Chairman, Area of Social Learning, Professor of Psychology and Bible (1957)
B.A., Hiram College; M.A., Cincinnati Bible Seminary; Th.B., Harvard University; D.D., Atlanta Christian College; University of Tennessee.

ROBERT O. FIFE, Professor at Large (1954)
B.A., Johnson Bible College; B.D., Butler University; Ph.D., Indiana University, University of Glasgow.

HOWARD A. HAYES, Professor Emeritus of Bible (1967)
B.A., Milligan College; B.D., School of Religion Butler University; M.A., Butler University; S.T.M., D.Min., Vanderbilt University.

DENNIS HELSABECK, Professor of Counseling and Director of Admissions (1963)
B.A., Johnson Bible College; M.A., University of Michigan; B.D., Butler University; Ph.D., University of Wisconsin; Ball State University; College of the Bible.

IVOR JONES, Professor Emeritus of History (1942)
B.A., Milligan College; M.A., University of Tennessee; Columbia University; George Peabody College; Duke University; Oxford University.

EUGENE P. PRICE, Chairman, Area of Professional Learning and Professor of Business Administration (1949)
B.A., M.A., Duke University; Harvard University.

JAMES L. SHIELDS, Professor of Education and Director of Student Teaching (1959)
B.Sc. in Ed., University of Southern California; B.A., M.A., Pacific Christian College; M.A., University of California, Long Beach; Ed.D., University of Tennessee; Talent Education Institute, Matsumoto, Japan; East Tennessee State University.

LONE L. SISK, Professor Emeritus of Chemistry (1948)
B.A., Carson-Newman College; B.S., East Tennessee State College; M.A., George Peabody College; D.Sc., Milligan College; University of Tennessee; Vanderbilt University.

HUGHES THOMPSON, Professor Emeritus of Chemistry (1928-48, 1956)
B.A., Wake Forest College; M.S., Ph.D., North Carolina State College.

HAZEL TURBEVILLE, Professor Emeritus of Secretarial Science (1950)
B.A., Western State Teachers College; M.A., University of Kentucky; Ed.S., George Peabody College; Bowling Green Business University.

DUARD B. WALKER, Professor of Health and Physical Education (1951)
B.A. and B.S. in Physical Education, Milligan College; M.A., Teachers College; Columbia University; University of Tennessee.

HENRY E. WEBB, Chairman, Area of Biblical Learning and Dean E. Walker Professor of Church History (1950)
B.A., Cincinnati Bible Seminary; Ph.B., Xavier University; B.D., Ph.D., Southern Baptist Theological Seminary; Butler University; Union Theological Seminary; Oxford University.

C. ROBERT WETZEL, Professor of Philosophy (1961)
B.A., Midwest Christian College; M.S., Fort Hays Kansas State College; Ph.D. University of Nebraska; University of Cambridge.

Associate Professors

- PATRICIA JANE BONNER**, Associate Professor of Health and Physical Education (1966)
 B.A., Milligan College; M.E., University of Arizona; M.R.E., Emmanuel School of Religion; Ed.S., George Peabody College for Teachers; San Fernando State College; Fullerton State College; Pepperdine College; University of Colorado; University of California at Los Angeles; Highland University.
- ROWENA BOWERS**, Associate Professor of Health and Physical Education (1958)
 B.S., M.A., East Tennessee State University; University of Tennessee.
- JEANETTE E. CROSSWHITE**, Associate Professor of Music (1967)
 B.M.E., Longwood College; B.C.M., M.C.M., Southern Baptist Theological Seminary; Memphis State University.
- TERRY J. DIBBLE**, Associate Professor of English (1971)
 B.S., M.S., Fort Hays Kansas State College; Ph.D., University of Nebraska.
- JOHN DOWD**, Associate Professor of Music (1963-67, 1969)
 B.M., M.M., New England Conservatory of Music; Ph.D., University of West Virginia; Boston University; University of Tampa.
- CHARLES W. GEE**, Associate Professor of Biology and Education (1967)
 B.S., University of Wisconsin; M.S., Oklahoma State University; Ph.D., Michigan State University.
- WILLIAM C. GWALTNEY, JR.**, Chairman, Area of Humane Learning and Associate Professor of Bible (1964)
 Th.B., Cincinnati Bible Seminary; B.A., Wilmington College; Ph.D., Hebrew Union College; University of Cincinnati.
- ROBERT B. HALL**, Associate Professor of Sociology (1967)
 B.A., Cincinnati Bible Seminary; B.S., M.A., Butler University; M.A., East Tennessee State University; Southern Baptist Theological Seminary; Vanderbilt University; University of Chattanooga; Harvard University; University of Tennessee.
- ROY HAMPTON**, Association Professor of Mathematics (1963)
 B.S., Milligan College; M.S., University of Pittsburgh; University of Tennessee; East Tennessee State University; John Hopkins University; University of Kansas; Columbia University; Clark College.
- JUANITA JONES**, Associate Professor of English (1968)
 B.A., Milligan College; M.A., University of Tennessee; East Tennessee State University; University of Chicago.
- EDDIE LEACH**, Chairman, Area of Scientific Learning and Associate Professor of Biology (1969)
 B.A., M.A., Baylor University; Ph.D., Texas A&M University.
- RICHARD D. LURA**, Associate Professor of Chemistry (1971)
 B.A., University of Wisconsin; Ph.D., Iowa State University.
- JOHN L. MORRISON**, Associate Professor of Education (1968)
 B.Th., San Jose Bible College; A.B., M.A., San Jose State College; Ph.D., Stanford University.
- CAROLYN NIPPER**, Associate Professor of English (1966)
 B.A., Milligan College; M.A., University of Tennessee; University of Kentucky.
- EUGENE NIX**, Associate Professor of Chemistry (1967)
 B.S., M.S., Ed.D., University of Georgia; West Georgia College; Fort Hays Kansas State College; Oak Ridge Associated University.

EUEL J. OWNBY, Associate Professor of Education (1961)
B.A., Carson-Newman College; M.A., George Peabody College; Ed.D., University of Tennessee.

RICHARD PHILLIPS, Associate Professor of Bible (1967)
B.A., Th.M., Lincoln Christian College; M.Div., Christian Theological Seminary; M.A., Butler University; Ph.D., Vanderbilt University; J.D., University of Tennessee.

IRA READ, Associate Professor of History (1967)
B.A., Milligan College; M.A., Ph.D., Emory University.

DONALD SHAFFER, Associate Professor of German (1963-68, 1973)
B.A., Albion College; M.A., Indiana University; Michigan State University; Cincinnati Bible Seminary; East Tennessee State University; Universitat Hamburg.

B. HAROLD STOUT, Associate Professor of Health and Physical Education (1958)
B.S., East Tennessee State University; M.S., University of Tennessee; Ed.D., East Tennessee State University.

EARL STUCKENBRUCK, Associate Professor of Bible (1951-52, 1968)
B.A., University of Kansas; B.D., Butler University; University of Birmingham, England; University of Tuebingen, Germany.

CHARLES R. TABER, Associate Professor of Anthropology (1973)
B.A., Bryan College; M.A., Ph.D., Hartford Seminary Foundation.

GARY O. WALLACE, Associate Professor of Biology (1967-68, 1971)
B.S., Austin Peay State College; M.S., Ph.D., University of Tennessee.

WILLIAM H. WRIGHT, Associate Professor of Art (1973)
B.F.A., M.F.A., University of Kansas.

Assistant Professors

JAMES BALCH, Assistant Professor of Mathematics (1972)
B.A., Arkansas College; M.S., Ed.D., Oklahoma State University.

ANNA MAY CROWDER, Assistant Professor of English (1965)
A.B., B.M., Oklahoma College for Women; M.A., East Tennessee State University; University of Arkansas; University of California; Christian Choral School (Chicago); Columbia University.

JEAN MARIE HOSKA, Assistant Professor of Education (1976)
B.S., University of Minnesota; M.A., Hartford Seminary Foundation; Ed.S., George Peabody College for Teachers.

JACK L. KNOWLES, Assistant Professor of English (1970)
B.A., Milligan College; M.A., University of Tennessee; Ohio State University.

VIRGINIA LAWS, Assistant Professor of Secretarial Science (1974)
B.S., Milligan College; M.A., East Tennessee State University.

WAYNE E. MILLER, Assistant Professor of Business Administration (1975)
B.S., East Tennessee State University; M.A., University of Kentucky.

EDWIN S. NELSON, Assistant Professor of Bible (1974)
B.A., Platte Valley Bible College; M.Div., Lincoln Christian Seminary; M.Th., Gordon Conwell Theological Seminary; Colorado State College; Harding Graduate School of Religion; Boston University.

DAVID R. RUNNER, Assistant Professor of Music (1972)
B. Mus., Boise State College; M.Mus., D.M.A., Eastman School of Music, University of Rochester.

JOHN C. WAKEFIELD, Assistant Professor of Music (1974)
B.A., MacMurray College; M.M., Northwestern University; Yale University.

CAROLYN WOOLARD, Assistant Professor of French (1972)
B.A., Bridgewater College; M.A., University of Kentucky; Universite de
Strasbourg.

PHILLIP A. WORRELL, Assistant Professor of Physical Education (1969)
B.S., Milligan College; M.S., Indiana State College; Butler University; Kent
State University.



MILLIGAN COLLEGE CALENDAR

Summer Session, 1977

Registration	June 13
First Term Classes	June 13-July 13
Independence Day, No Classes	July 4
Second Term Classes	July 14-August 12

Fall Semester, 1977

Dorms Open to Freshmen	August 27
Conference for Parents of Freshmen	August 27
Freshman Orientation	August 28, 29
Faculty Conference	August 29
Dorms Open to Upperclassmen	August 29
Registration (Freshmen and Transfers)	August 30
Registration (Upperclassmen and Transfers)	August 31
Classes Begin	September 1
Matriculation	September 2
Freshman and Transfer Reception	September 2
Fall Convocation	September 13
Fall Break	October 12 (5:00 p.m.) to October 18 (8:00 a.m.)
Founder's Day	November 11-12
Thanksgiving Holidays	November 23 (5:00 p.m.) to November 28 (8:00 a.m.)
Final Examinations	December 17, 19-21

Spring Semester, 1978

New Student Orientation	January 16
Registration	January 17, 18
Classes Begin	January 19
Spring Break	March 17 (noon) to March 27 (8:00 a.m.)
Awards Dinner	May 4
Final Examinations	May 15-19
Baccalaureate and Commencement	May 21

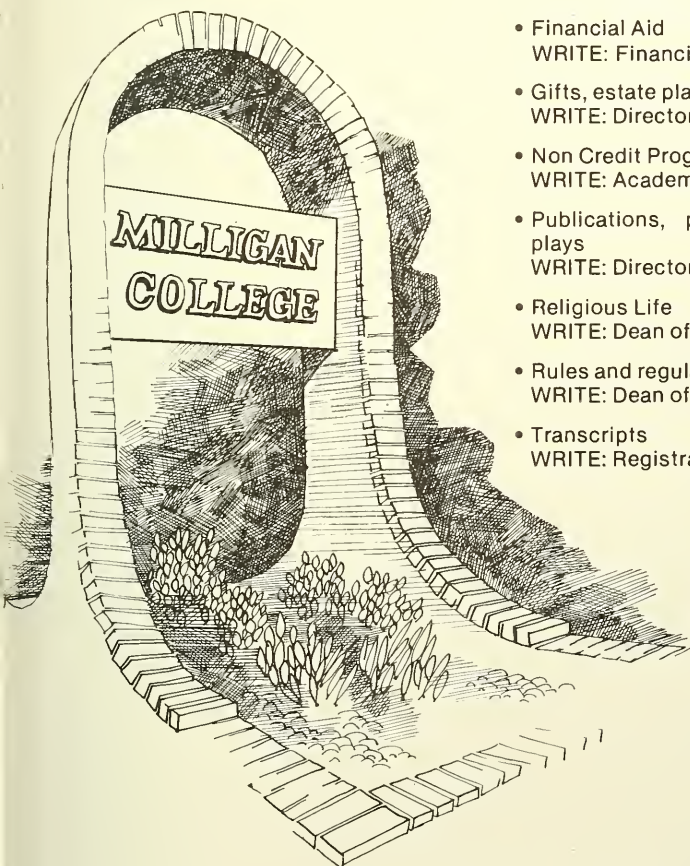
Summer Session, 1978

Registration	June 19
First Term Classes	June 19-July 19
Independence Day, No Classes	July 4
Second Term Classes	July 20, August 18

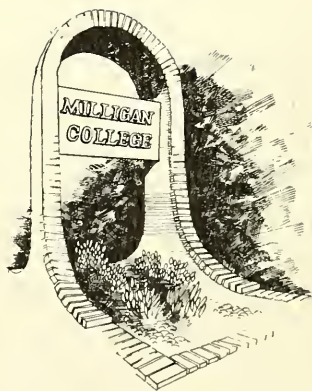
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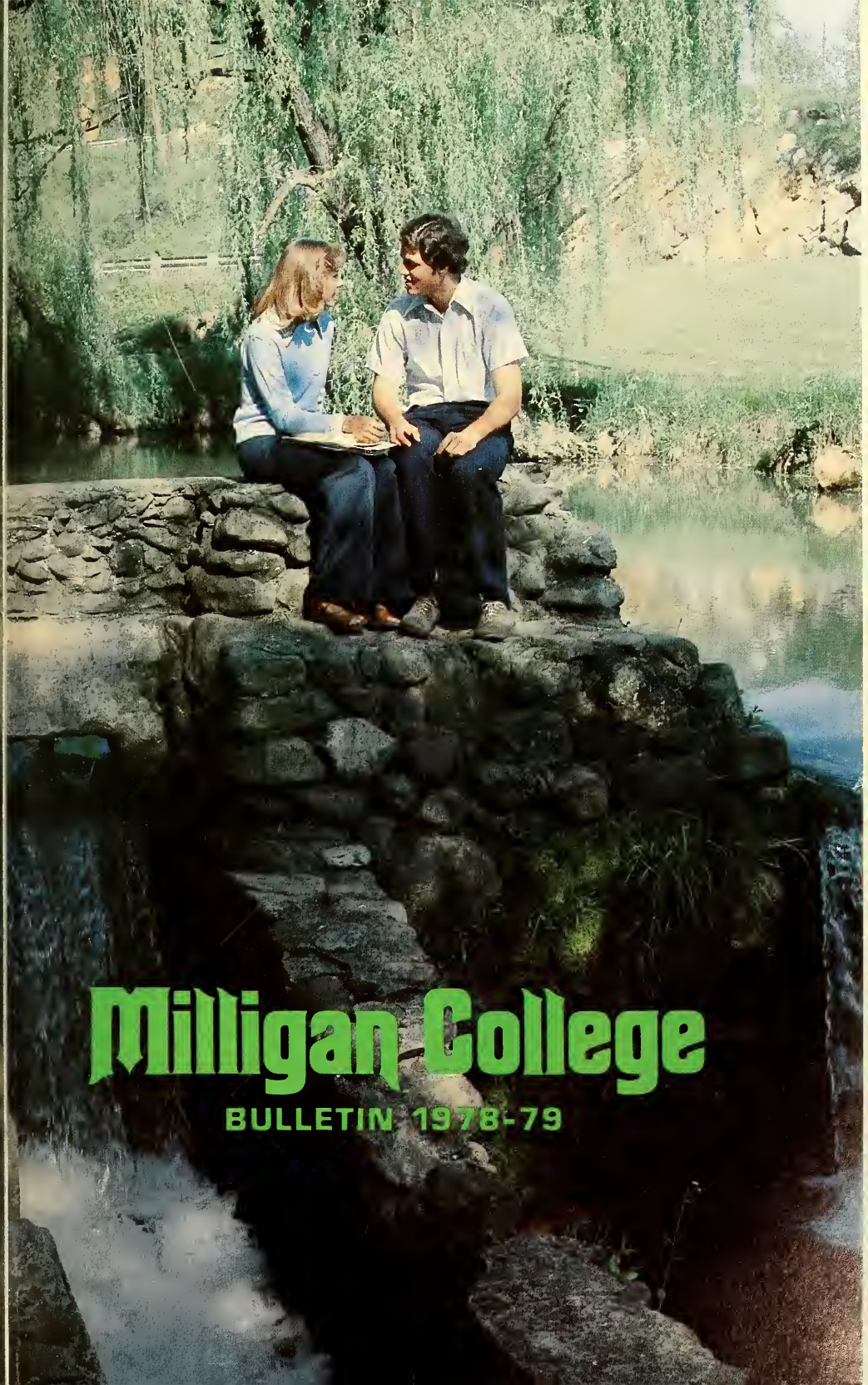
FOR MORE INFORMATION ABOUT

- Admissions requirements, procedure, and applications
WRITE: Director of Student Enlistment
- Alumni
WRITE: Alumni Director
- Accounts, costs, etc.
WRITE: Business Manager
- Academic matters, special programs, and requirements
WRITE: Academic Dean
- Dormitory and apartment reservations
WRITE: Dean of Students
- Financial Aid
WRITE: Financial Aid Director
- Gifts, estate planning, annuities
WRITE: Director of Development
- Non Credit Programs
WRITE: Academic Dean
- Publications, press information, displays
WRITE: Director of Communications
- Religious Life
WRITE: Dean of Students
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Milligan College

BULLETIN 1978-79

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Milligan College holds full membership in the following accrediting agencies and professional organizations:

The Southern Association of Colleges and Schools

The Association of American Colleges

The Tennessee College Association

The Council for the Advancement of Small Colleges

The Council of Protestant Colleges

Tennessee Independent Colleges Fund

The American Association of Colleges for Teacher Education

The Volunteer State Athletic Conference

The National Association of Intercollegiate Athletics

The Tennessee Intercollegiate Athletic Conference

The Association of Intercollegiate Athletics for Women

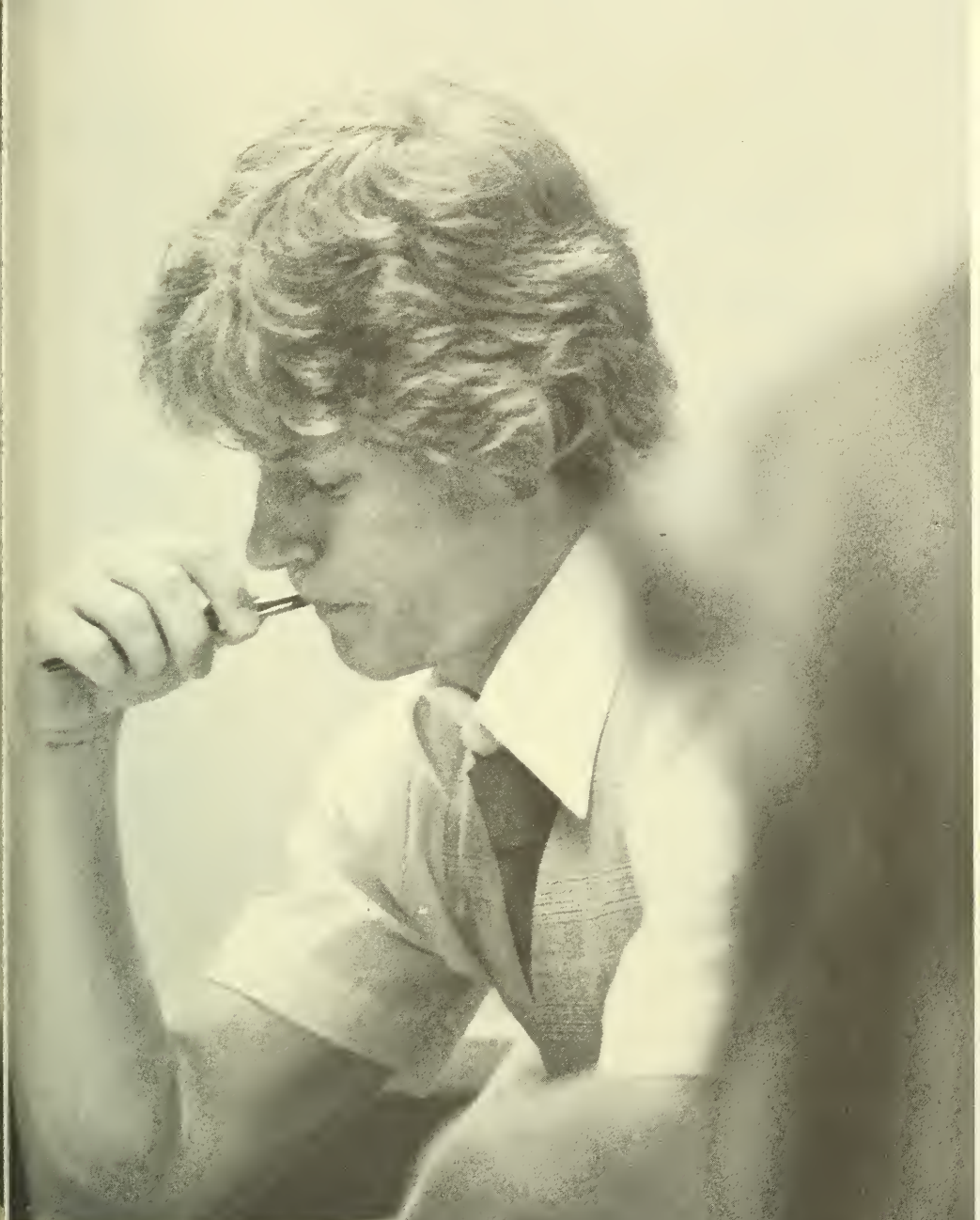
The Tennessee College Women's Sports Federation

The College Placement Council

The Association for Schools, Colleges, and University Staffing.

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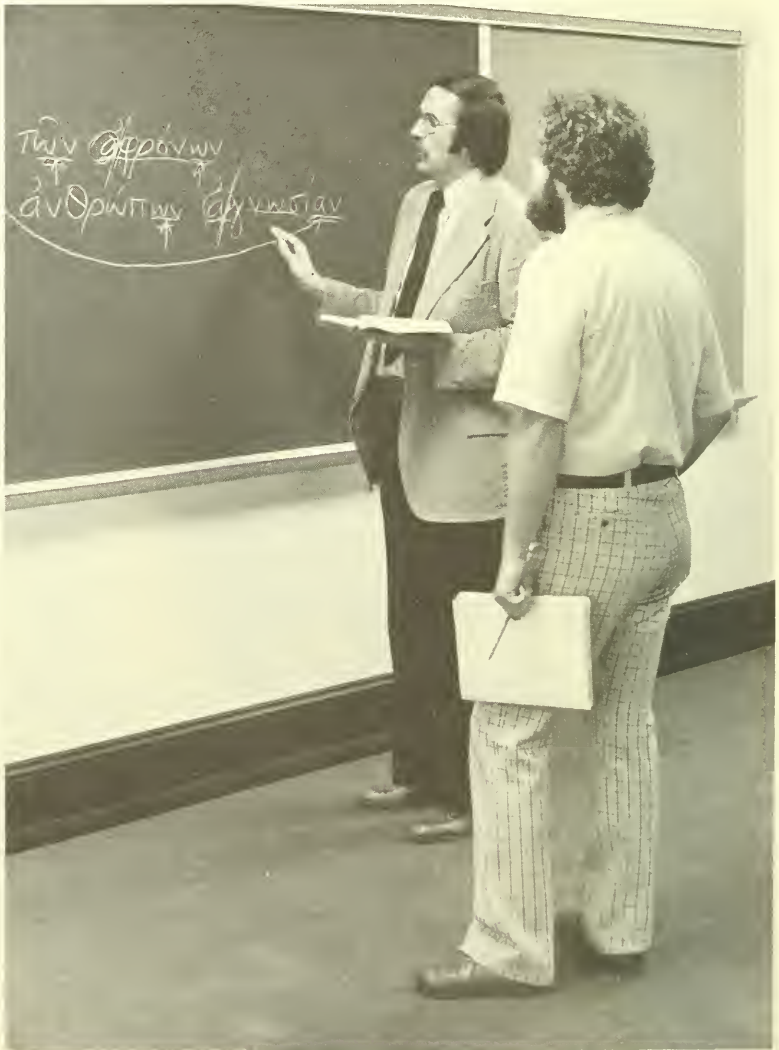
Milligan College is an Equal Opportunity Institution. It does not discriminate on the basis of race, color and national or ethnic origin.



Milligan College

AN EXPERIENCE IN LIVING

NATURE OF THE COLLEGE



HERITAGE

Milligan College is located in Upper East Tennessee in the territory that was once the lost state of Franklin, an area rich in history and tradition.

At Sycamore Shoals, near the campus, the Watauga Association adopted a constitution providing for self-government, prior to the Declaration of Independence. A few miles from the College, American troops assembled for the famed march to the Battle of King's Mountain which proved to be the turning point in the American Revolution. Toward the west are the homes of General John Sevier and Colonel John Tipton, early heroes of the Volunteer State. Jonesboro, the first capital of Tennessee, is some ten miles west of the campus. Rocky Mount, the original capital of the Southwest Territory, is some ten miles north of the campus. The homes and land of two of Tennessee's great governors, Robert and Alfred Taylor, are adjacent to the campus.

In the third decade of the nineteenth century, freedom-loving people introduced the Restoration principle into the religious life of the area. Milligan College owes its beginnings to the school conducted in the old Buffalo Church which is now the Hopwood Memorial Church.

On December 10, 1866, Buffalo Male and Female Institute, under the leadership of Wilson G. Barker, was chartered by the State of Tennessee. A building was constructed, and instruction was begun the next year. In 1875 the leadership of this academy was transferred to Josephus Hopwood, a native of Kentucky.

In 1881 he laid the cornerstone for an expanded building. At the same time he announced the elevation of the institute to collegiate rank and the new name, Milligan College. This name was chosen to honor Professor Robert Milligan of Kentucky University (Transylvania), whom President Hopwood regarded as the embodiment of Christian scholarship and Christian gentility.

President Hopwood sought to establish a four-fold program in the College. He looked to the physical sciences as the source of man's conquest of the earth. He regarded history, philosophy, and the social studies as the source of human self-knowledge and self-government. He thought of professional and vocational education as the means of sustaining a free social order and of reducing scientific knowledge to the service of men in material civilization. He accepted a knowledge of revelation and the possession of Christian faith as the necessary control through which mankind could establish and maintain a culture in blending the first three. To this end he adopted the motto, "Christian Education—the Hope of the World."

President Hopwood continued in the presidency until 1903 when he left Milligan to found a college in Virginia. Dr. Henry Garrett, a member of the faculty, was elevated to the presidency.

Upon President Garrett's resignation in 1908 Dr. Frederick D. Kershner, president of the American University, Harriman, Tennessee, was elected to the presidency. Dr. Kershner was a brilliant young scholar and was soon to be in demand by a larger institution. In 1911 he left Milligan to assume the presidency of Texas Christian University.

From 1911 to 1915 the College was under the leadership of three different men: Tyler E. Utterback, Everett W. McDiarmid, and James T. McKissick.

In 1915 Dr. Hopwood, who had completed the founding of colleges in Virginia and Georgia since leaving Milligan in 1903, returned for a two-year ad-interim presidency.

In 1917 Henry J. Derthick was inaugurated as the eighth president of Milligan. During this period Milligan College, with the support of many patrons living a considerable distance from the campus, served many young people from the Southern Highlands. The campus was expanded to some sixty acres, and the facilities of the College were increased. The Administration Building was rebuilt after a fire;

Pardee Hall was built as a dormitory for men; Cheek Activity Building was constructed for recreational purposes; and a number of smaller buildings were added. Dr. Derthick succeeded in bringing the College through World War I and the Great Depression, preserving the academic integrity and quality of the College.

Dean Charles E. Burns succeeded to the presidency in 1940, just prior to the American entrance into the Second World War. In the crisis of that period, Milligan offered its entire facilities to the United States Government. From July of 1943 to the spring of 1945 a Navy V-12 program was conducted. Milligan was the only college in the United States given over completely to a Navy program.

The civilian work of the College was resumed under the presidency of Virgil Elliott in 1945. Two major problems confronted the College at this time. The breaking of ties with alumni and friends during the Second World War proved to be a serious handicap. No less difficult was the task of assisting a large number of ex-GI's to effect a transition from military to civilian life.

Dr. Dean E. Walker came to the presidency in January 1950 from a twenty-five year professorship in the Butler University School of Religion.

Recognizing the need of the small college to play an increasingly large part in the educational program of our land, the College adopted a long-range development program. Students were enlisted from a larger area, encompassing most of the States and several foreign countries. A financial program was undertaken to stabilize the College; the endowment was increased; existing buildings were renovated and newly furnished; new patrons were sought for the College; the curriculum was expanded; and higher faculty standards were established.

During Dr. Walker's administration the campus was expanded to more than 135 acres of land. New buildings added included the Student Union Building, Sutton Hall, Webb Hall, the P. H. Welshimer Memorial Library, the Seeger Memorial Chapel, and Hart Hall.

On November 1, 1960 Milligan received the Quality Improvement Award administered by the Association of American Colleges for the United States Steel Foundation. On December 1, 1960 Milligan was admitted with full accreditation into membership in the Southern Association of Colleges and Schools.

In June 1968 Dr. Jess W. Johnson, having served in the capacity of Executive Vice-President for two years, was elevated to the presidency of the College on the retirement of President Dean E. Walker, who became the Chancellor of the College. The campus has continued to develop under Dr. Johnson's leadership. The Faculty Office Building was built in 1969, and the Science Building was dedicated in May 1972. In November of 1976 the Steve Lacy Field House was completed.

Throughout her history Milligan has maintained an active relationship to a religious movement committed to the restoration of New Testament Christianity. The Christian people participating in this movement consistently disclaim denominational status, and the faculty and trustees of the College maintain an intelligent awareness of a commitment to this position. The members of Milligan feel that such a non-denominational position permits them to examine all aspects of life, secular and religious, in the light of the New Testament, unrestricted by human tradition. In this view of Christian faith, all vocations, avocations, and associations permitting the exercise of fellowship under the Lordship of Christ are expressions of good citizenship under God, in state, in church, and in society. In Milligan tradition the student is confronted with a synthesis of learning regarded by the College as essential to his understanding of and personal responsibility in his various relationships in life for the stewardship of which he must give account before God and his fellowmen.

CHARACTER

The Milligan tradition is expressed in the motto "Christian Education—the Hope of the World." The curriculum includes a study of the Holy Scriptures as a require-

ment for the bachelor's degree. This requirement derives from the belief that God is revealed in His only begotten Son, Jesus, the Christ. This belief gives meaning to human life and is the only force of sufficient moral strength to create educational ideals of the highest order and to inspire the integrity to achieve them.

Milligan College has been co-educational from the beginning of its history. This policy rests upon the conviction that the problems of the entire social order are better solved when men and women share alike in basic knowledge.

It is a distinguishing characteristic of Milligan College that Biblical data is introduced into the content of each course taught. Such teaching is assured by the selection of a faculty in cordial sympathy with this view. A primary objective is including Christian understanding and practice in the total of life's attitudes and activities.

It is a further significant characteristic that Milligan believes this objective obtainable through the presentation of the data of Christianity in its original form, the New Testament.

Accordingly, no denominational or creedal tests are imposed upon any student in admission to membership in Milligan College or in the attainment of any of its honors, awards, or degrees.

The liberal arts are defined in Milligan College as those studies and disciplines through which the spirit of man is freed and further endowed with moral power. The study of these arts is thus essential to the attainment and maintenance of a civilization of free men. The concept of freedom can be held only by those individuals who recognize the dignity and sanctity of human life. The possessor of that life however, can enjoy the highest potential only through the disciplines of sound learning. It is this learning which gives direction and meaning to life through time into eternity. A personality so equipped is the master of skills and facts, is never dominated by them, and uses them for the service of mankind and of God.

Thus, the purpose of liberal education is the development of persons to whom may safely be entrusted the vast scientific and technical knowledge and skill developed by research.

Such a program includes more than the pursuit of "secular" studies in a "Christian atmosphere." It contemplates the inter-penetration of the three great bodies of learning: the realm of nature, the realm of humanity, and the realm of divinity. The practical application of the resultant synthesis in both vocational and leisure activities characterizes the life of a truly educated man.

Another characteristic of Milligan College is the sense of obligation assumed by the faculty. Applicants for admission to membership in Milligan are considered in the light of this searching question: "What can we do for this student?" Therefore, with regard to each applicant who possesses adequate secondary education and expresses an acceptance of the approach described above, the College addresses itself to this question: Has Milligan sufficient facilities and understanding to realize the end product envisioned?

Membership in Milligan College consists of those who sustain a relationship in one of the following categories: the Board of Trustees, the Board of Advisers, the Administration, the Faculty, the Student Body, and the Alumni. This membership is a privilege conferred by the Institution and involves reciprocal responsibilities and concerns. Admission to membership in any one of the divisions is extended by the College at its discretion through established channels.

Admission to membership in Milligan College carries with it a pledge of responsibility by the student that he will subject himself to the rigorous discipline of the above program. Men and women who choose to decline this responsibility forfeit the privilege of membership in the College. The College, therefore, reserves the right to refuse, suspend, or dismiss any student. Public disclosure of reasons shall be at the discretion of the President.

SPECIFIC OBJECTIVES

Since its beginning Milligan College has sought for its students the following objectives:

A Positive, Personal Christian Faith That Jesus Is Lord and Saviour.

The expression "Jesus is Lord and Saviour" is to be understood in the historical Biblical significance. Jesus, the Man of Nazareth, is God's Son, therefore, both Saviour and Lord of Life. The attainment of positive, personal Christian faith means the commitment of the life to this Jesus.

An Insight Into Christian Ethics to Guide the Conduct of His Life.

This involves a recognition of the norms of human conduct that derive their sanction from the Christian faith.

The Capacity to Recognize and Assume His Responsibility in Society.

One of the main functions of education is to arouse within the individual an awareness of his indebtedness to his fellowmen, to foster a desire on his part to assume this responsibility, and to prepare him to fulfill his obligation to society.

The Knowledge, Meaning, and Application of Sound Scholarship.

The student is led to develop a respect and enthusiasm for sound scholarship, such as will inspire him to seek it with diligence and perseverance.

Preparation for Securing for Himself and His Family a Comfortable Standard of Living.

This may be accomplished through training in personal and public health, courses of study designed to develop the quality of aesthetic appreciation, a background of basic liberal arts courses, plus the selection of a field of interest which will provide an adequate livelihood.

Participation in Wholesome Recreational Activities.

Participation in wholesome recreational activities is a worthwhile experience to the individual who participates. This may be accomplished through intramural sports, intercollegiate sports, dormitory living, student union fellowship, and student-initiated recreational activities.

STUDENT LIFE

Residence

All students not commuting from their homes are expected to live in housing facilities provided by the College and to board at the dining hall. Other arrangements are subject to approval by the Dean of Students.

Dormitory rooms are equipped with all necessary furniture. Students supply blankets, pillows, bedspreads, curtains, rugs, study lamps, and accessories.

The College reserves the right to inspect dormitory rooms at all times.

The Dormitory Resident will be required to approve the use and condition of each room.

Students are responsible for the use and condition of their rooms. Damage to the room or its furnishings will be assessed to the occupants of the room.

All residence halls and the dining hall are closed during college vacations. Students will not be permitted to stay on campus during these periods.

Married Student Housing

Milligan College has available thirty-two apartments for married students. These are two-bedroom units. They are totally electric, including heating and air-conditioning. All of the apartments are equipped with kitchen appliances and carpeting. The units are unfurnished. Additional information may be obtained by contacting the Dean of Students.

Regulations

Milligan College is intent upon integrating Christian faith with scholarship and life. Because of this Christian commitment, Milligan College values the integrity of each individual. However, the action of each person affects the whole community. During attendance at Milligan each student is considered a representative of the College whether he is on or off the campus.

Among the rules of conduct enforced by the College, the following are called to the student's attention:

1. Individual or collective student enterprises which use the College name or involve the absence of the participants from the College must receive the official sanction of the College Administration.
2. Dishonesty in examinations, in class work, or in any other aspect of college life is regarded as a serious offense.
3. Milligan College has a deep concern for the present and future health of its students. It particularly is concerned with the serious problems and consequences related to the use of alcoholic beverages and illegal drugs. Therefore, the use of alcoholic beverages or illegal drugs by a Milligan student, whether on the campus or away, will subject the student to disciplinary action, suspension or dismissal.
4. Social dancing is not a part of the Milligan tradition.
5. The use of tobacco is discouraged because of health reasons. The use of tobacco is restricted to designated areas.

Automobile

The privilege of using an automobile is granted to all students. The College will not be responsible for any personal or public liability growing out of the student's use or possession of the car on or off campus.

An automobile registration fee of \$5.00 per semester will be charged.

Rules governing student use of motor vehicles are determined and administered by the Dean of Students, assisted by the Student Government.

Social Activities

All social activities should first be approved by the faculty sponsor and then entered on the College Calendar in the office of the Academic Dean. All such activities will be attended by the faculty sponsors of the organization involved. The College seeks to encourage the development of an active and meaningful social life for all students.

Dormitories

The Resident in each dormitory, in conference with the dormitory council, helps create an atmosphere which is most conducive to the best community life in the dormitory. The Resident is assisted by Resident Assistants as part of the staff of the Dean of Students. General dormitory regulations are the responsibility of the dormitory councils in cooperation with the Dean's staff.

Friendship

The visitor to the Milligan campus invariably notices the friendliness and the spirit of comradeship which characterize the entire Milligan circle, faculty and students alike. Each student has an adviser. This experienced faculty member is concerned not only that the student excel academically but also that he benefit from the opportunities afforded by a small college environment.

Provision for a well-rounded social life receives special attention. Recreational and social activities are planned by student committees working with the faculty. Initiative in student participation is encouraged.

The cultivation of high ideals and good habits, together with their expression in social poise and consideration for others, is a major concern.

Since faculty members regard each student as a younger friend, individual counsel and other friendly help are always available to each student. We speak of "membership" in Milligan College rather than "attending" Milligan College.

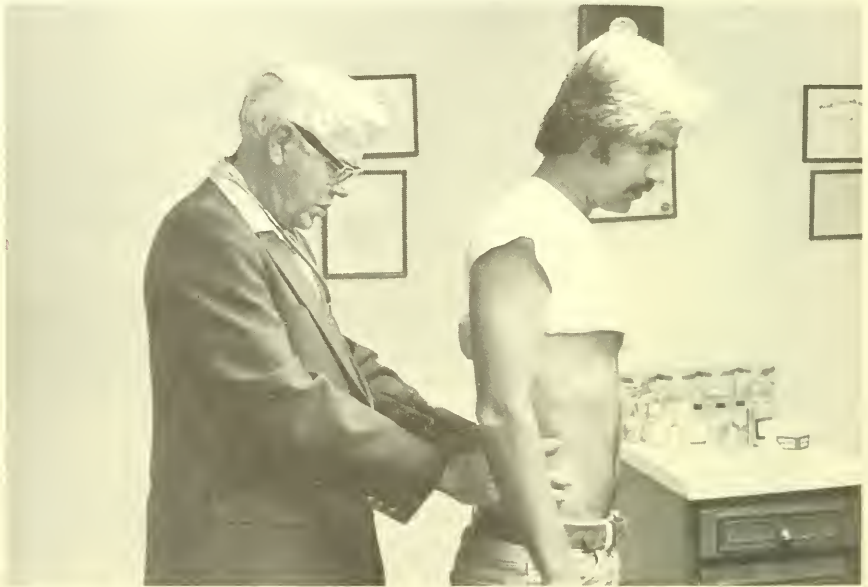
Health

The services of a college physician and nurse are provided in a clinic on the campus to care for minor ailments and any emergency. Students are expected to report at once to the college nurse any accidents or illness.

Milligan takes every reasonable precaution to prevent accidents and illness.

The College cannot assume financial liability for off-campus physician and hospital services. Most families are protected today for medical and hospital claims through special insurance programs. For those not so covered, the College will offer assistance in arranging an insurance program through a reliable insurance company; otherwise, the parents must provide a statement releasing the College from financial responsibility. All students participating in inter-collegiate athletics are required to show coverage in an accident and hospitalization program.

Mental and social health are also a concern of the College. A Director of Counseling is available for assistance. In addition the services of area mental health facilities can be utilized. However, the College is not equipped to promote long-range, in-depth psychoanalytic or psychiatric care.



Religious Life

Regular church attendance is encouraged of all Milligan students. Opportunities for worship are provided on campus each Sunday in Seeger Memorial Chapel and the Hopwood Memorial Christian Church and off campus in many churches in the area. Students find opportunities for service as well as wide fellowship through both city and rural churches in the vicinity of the College. Regular convocation services are conducted in the chapel by the College twice a week.

The student has many opportunities to develop his prayer and devotional life. There are several churches in the area which have Sunday and mid-week services. Many students close their day's activities in small prayer groups in the dormi-

ories. More formal prayer services are held frequently in the dormitories and in Seeger Memorial Chapel. The William E. Sweeney Memorial Chapel in Seeger Memorial Chapel provides a quiet place for devotions and meditations during the day and at nightly vespers.

Participation in the Christian Service Club is open to all students. This organization meets the first Monday of each month. It also sponsors informal vesper services. The aim of the club is expressed in the motto: "Fellowship of Christian Outreach." There are seven specific areas of outreach: 1) the Milligan family, 2) low-rent housing areas, 3) East Tennessee Children's Home, 4) Appalachian Christian Village, 5) convalescent homes, 6) radio programs, and 7) gospel teams. There are also discussion sessions at different times during the week which help the students get to know one another in Christian love.

Student Ministerial Association is an organization of ministerial students and members of the faculty who are ministers. The meetings of the Association are designed to present the challenges and opportunities of the Christian ministry.

Students Sharing Christ (in World Mission) is an organization of all students interested in the missionary work of the church, both at home and abroad. The club seeks to disseminate information about the various mission fields and the recruitment of missionaries.

Representative Organizations

Operating under a constitution approved by the Administration of the College, the Student Government Association serves as the official representative voice of Milligan students and promotes academic, social, and religious activities for the campus community.

Student Government Association consists of the following elected members: the president, vice president, secretary, treasurer, the president of each class, four other representatives from each class (two female and two male), dormitory presidents, commuter president, and two commuter representatives.

The Dormitory Councils are organizations responsible for community life in the dormitories.

Music

In recent years the musical activities of Milligan College have received national recognition. The Milligan College Concert Choir, observing professional standards of concert literature, has traveled widely in the United States. This group includes appearances in high schools, churches, and church conventions in its annual tour.

The Milligan Chorale is devoted to the study and performance of great musical literature of all centuries. The Chorale presents programs at many local functions.

The Chamber Singers is a small group of selected voices. Various performance experiences include the annual Madrigal Dinners.

The Thomas F. Staley Distinguished Christian Scholar Lecture Series

Each year the Thomas F. Staley Foundation sponsors the Staley Distinguished Christian Scholar Lecture Series. The Foundation is firmly persuaded that the message of the Christian Gospel, when proclaimed in its historic fullness, is always contemporary, relevant, and meaningful to any generation. Past lecturers have included Dr. James H. Jauncey, Dr. Edwin Orr, Dr. Elton Trueblood, Dr. Arthur F. Glasser, Dr. George K. Schweitzer, Dr. S. Scott Bartchy, Dr. Calvin Thielman, and Dr. Oswald Hoffman.

Lecture-Concert Series

The Milligan College Concert-Lecture Series is designed to contribute to the cultural life of the campus by personal appearances of performing artists, entertainers, and lecturers on various subjects of current interest.

The P. H. Welshimer Lectures

The P. H. Welshimer Lectures have been established by Mildred Welshimer Phillips and Ralph Welshimer in memory of their father, the late Dr. P. H. Welshimer, Canton, Ohio.

The Welshimer Lectures, in addition to perpetuating the memory of the late Dr. Welshimer, are intended to develop creative thought in the fields of New Testament Christianity and the Restoration Movement to which Dr. Welshimer dedicated his life.

Since its founding in 1958 the lecturers for this series have been:

1958	W. R. Walker
1959	Ard Hoven
1961	R. M. Bell
1963	James H. Jauncey
1964	J. D. Murch
1966	Marshall Leggett
1967	John Baird
1968	James G. Van Buren
1972	Joseph H. Dampier
1973	Mildred Welshimer Phillips
1974	Milligan College Faculty
1975	Clarence Greenleaf
1977	David Thompson

Publications

Students interested in journalism or creative writing may find an opportunity for self-expression through the medium of **The Stamped**, the College newspaper.

The yearbook of the College, **The Buffalo**, presents a pictorial history of the year's activities.

The College literary magazine, **Helicon**, accepts original work from students and faculty.

Professional, Social, and Recreational Organizations

All professional and social organizations of Milligan College are designed to aid the students in fulfilling themselves and reaching their full potential religiously, socially, and creatively. The following organizations were organized by students and have received the sanction of the College. Additional professional or social organizations may be added to this list upon the initiative of several students who present a charter to the College, select a faculty adviser, and demonstrate that the desired organization is in keeping with the purposes and philosophy of Milligan College.

Students preparing for careers in the healing arts are eligible for membership in the Pre-Med Club. The club serves to introduce students to the opportunities in the medical and allied professions. Physicians and specialists in the medical profession are invited to the club meetings to discuss topics related to their work.

The Philosophy Club provides an informal atmosphere for the discussion of contemporary and historical philosophical questions in order to promote greater student interest in the study of philosophy. Membership is open to all students.

Phi Beta Lambda is a national business honorary society for business administration, economics, and secretarial science majors and minors. It is devoted to developing competent, aggressive business leadership.

The Student Union Board works in conjunction with Student Government in programming movies, concerts and other social activities.

The Buffalo Ramblers is an informal association of those members of the Milligan family who enjoy exploring on foot the scenic gorges, peaks, caves, and waterfalls surrounding the College.

International students meet regularly for fellowship and discussion of matters of mutual interest.

Students preparing for a teaching career find membership in the Student National Education Association helpful. Topics of discussion in the club meetings are related to specific areas of service in the teaching profession.

The Psychology Club is open to students who wish to participate in research and experimentation in addition to regular classroom work. Members keep informed on the latest developments, graduate opportunities, and professional openings in this expanding field. Current films, lectures, visits to relevant institutions, and social fun form the basis of regular meetings throughout the year.

Music Educators National Conference has a student chapter whose purpose is to afford students the opportunity for professional musical orientation and development. These students also sponsor receptions after some concerts and serve as ushers for these events.

The "Water Buffaloes," a swim club, is organized in an effort to promote the sport of swimming and related activities on campus, as well as in the surrounding area.

Students in the area of special education and other interested students are eligible to participate in the Student Council for Exceptional Children. This group serves not only the community by working directly with exceptional children but also the students by increasing their experience and knowledge in different areas of special education.

The Commuters is an organization for off-campus students. By promoting various activities throughout the year, it seeks to give off-campus students the opportunity to participate in campus events and to enhance fellowship among commuters.

The Student Union Building serves the social and service needs of the student body. It is a place for fellowship, for purchase of supplies and food, and for relaxation and games.

Athletics

Milligan College encourages participation in intercollegiate athletics. A limited number of grants-in-aid will be awarded each year on a merit basis.

Milligan College is represented in intercollegiate athletics in basketball, baseball, tennis, softball, volleyball, track and field, and soccer.

The intramural program of athletics is designed to encourage participation by all the students in some sport. A choice of sports is offered in basketball, touch-football, volleyball, archery, tennis, badminton, table tennis, swimming, and softball.

Students interested in golf may secure, for a small green fee, playing privileges at the Elizabethton Golf Club, one mile from the College, and at the Pine Oak Golf Course in Johnson City, three miles from the College, and at the Buffalo Valley Country Club, five miles from the College.



THE CAMPUS

Milligan College occupies a campus of more than one hundred and thirty-five acres, rising eastward from the banks of Buffalo Creek. Richly endowed by nature and enhanced by skillful landscaping, the grounds possess unusual beauty.

Anglin Field, with its baseball diamond and quarter-mile track, lies in the low campus along the Buffalo banks. This attractive field is important in the activities of intercollegiate and intramural sports and the physical education classes. The field was completely rebuilt in 1966.

In 1971 Mr. and Mrs. John Stout, Sr. furnished a flag pole and small park at the edge of the field. This presentation was made in memory of their son Willard, who was a 1957 graduate of Milligan.

The Administration Building occupies the site on which the original brick building of the College was erected in 1867. Several years later a large wing was added to this structure. In 1918 most of this building was destroyed by fire. It was rebuilt in 1919. In addition to the classrooms located in this structure are the offices of the Academic Dean, the Registrar, and the Director of Financial Aid.

The P. H. Welshimer Memorial Library is a modern, fire-proof, air-conditioned building of three floors. Holdings consist of more than 108,000 volumes and 400 current periodicals. The building was first occupied in November 1961 and was the gift of the T. W. Phillips, Jr. Charitable Trust and the Phillips family of Butler, Pennsylvania, after an initial gift by the Kresge Foundation of Detroit, Michigan. The office of the President is located on the second floor.

The Seeger Memorial Chapel was dedicated November 4, 1967. This beautiful Colonial edifice occupies the center of the campus with its spire—192 feet above ground level—overlooking the campus. The Chapel is a multi-purpose structure serving the College in worship, instruction, lectures, concerts, and dramas. The main sanctuary-auditorium will seat 1300. The lower auditorium will accommodate 350. The Chapel was made possible through major gifts by Mr. Ura Seeger, Lebanon, Indiana and Mr. and Mrs. B. D. Phillips, Butler, Pennsylvania.

In January 1972, a new science building was occupied. Utilizing the most modern design in educational construction, the building has five 24-station laboratories, two classrooms, a 300-seat lecture hall, and several special-purpose rooms.

Hardin Hall was built in 1913. This three-story brick building is a residence hall and houses the Business Office, the Director of the Institute of World Studies/Church Growth, and Director of Placement. The building honors Mr. and Mrs. George W. Hardin, who were intimately associated with the College for many years.

Pardee Hall, a residence for men, was erected in 1919 as a gift to the College by Mr. and Mrs. Calvin Pardee. It stands on the slope of the hill above the middle campus.

The Mary Hardin McCown Cottage, the campus hospitality house, is the building formerly occupied by the President of the College. Visitors may receive information concerning the campus at this Center. Other offices in the building are those of the Director of Development, Office of Student Enlistment, Director of Alumni and Communications, and Director of Church Relations.

The Student Union Building grew out of the determination of the students to help themselves. Sensing the need of a place to gather, T. P. Jones and Randy Cooper marshalled sentiment and resources from the students. The students volunteered labor, solicited funds, and began construction in 1951. The building was completed and dedicated in 1955.

Sutton Memorial Hall stands on the high campus toward the east. The residence floors have thirty suites, each with two rooms and connecting bath. The hall contains a large social room, a dining hall seating about 400, the kitchen, and storage rooms. The hall bears the name of Webb and Nanye Bishop Sutton, whose vision and generosity made the construction possible. It was dedicated in 1956.

The Steve Lacy Fieldhouse was funded by gifts from the B. D. Phillips Memorial Trust and the Kresge Foundation, making it possible for Milligan College to accept a grant from Educational Facilities Laboratories. This is the first air-cable structure in America, and it contains a regulation basketball court, a 25-yard swimming pool, indoor track, classrooms, and other facilities designed to accommodate Milligan's philosophy of lifetime sports. Operation of this facility began in 1976.



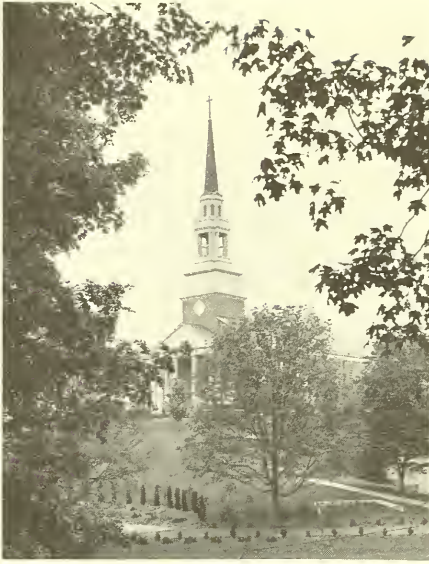
The Crouch Memorial Building is located near the bridge at the main entrance. Renovated and modernized by Professor Owen Crouch in 1958 in memory of his father, this building houses the Post Office and an apartment.

Webb Memorial Hall, a gift of Mrs. Nanye Bishop Sutton, was completed and occupied in January 1960. It houses modern accommodations for 172 men.

An air-conditioned dormitory for 188 women was completed in September, 1965. In May of 1968 it was dedicated and named Hart Hall in honor of Dr. and Mrs. John M. Hart.

The Faculty Office Building, built in 1969, houses the Curriculum Center and the majority of the offices for faculty members.

Little Hartland Hall, completed in 1976 and the gift of Dr. and Mrs. John M. Hart, is furnished with selected antiques from the Harts' sizeable collection. The building serves as the official residence for the College President.



Seeger Chapel

CAMPUS BUILDINGS



Science Building



Administration Building



P. H. Welshimer Library



Steve Lacy Fieldhouse

DORMITORIES



Pardee Hall



Hart Hall



Married Student Apartments



Webb Hall



Sutton Hall



Hardin Hall

PROCEDURES



ADMISSION

Admission to the Freshman Class

Character, ability, preparation, and seriousness of purpose are the qualities emphasized in considering applicants for membership in Milligan College. Early application is encouraged. Inquiries should be addressed to the Office of Student Enlistment.

Those who are interested in attending Milligan are encouraged to visit the campus. Arrangements should be made in advance with the Office of Student Enlistment. Overall excellence of performance in high school subjects and evidence of academic potential provide the basis for admission to Milligan College. While no specific course pattern is required for admission, the applicant is strongly encouraged to include the following subjects in his high school program:

1. College preparatory English
2. College preparatory mathematics
3. At least one unit of science
4. At least one unit of history and/or one unit of social science
5. Foreign Language
6. Some work in speech, music, or art in preparation for study in liberal arts curriculum

To provide further evidence of academic ability, the applicant is required to take the American College Test or Scholastic Aptitude Test and furnish the College with either of these scores.

The following steps are suggested in the admission procedure:

1. The student secures from the Office of Student Enlistment an application form, forms for requesting transcripts and references, catalog, and other literature.
2. The student returns the completed application along with an application fee of ten dollars and a small photo to the Office of Admissions.
3. The application will be presented to the Admissions Committee for action when the following credentials are on file: the high school transcript, ACT or SAT scores, two references.
4. The Office of Admissions will notify the applicant of the disposition of the application. If the decision is favorable, he will be accepted for admission to Milligan College, subject to the successful completion of his high school program.

Advanced Placement

Milligan College recognizes the Advanced Placement Program (AP), the College Level Examination Program (CLEP), and the United States Armed Forces Institute (USAFI) as a means of earning college credit. Milligan students may submit scores on examinations taken through these programs to the Academic Committee for evaluation. College credit will be granted on the basis of an acceptable score under the following conditions:

1. At least one semester of work must be completed in Milligan College before credit earned by testing will be recorded on the transcript.
2. Credit earned by testing will be designated on the transcript by a grade of "P" (pass).
3. A maximum of 32 semester hours can be earned by testing.

Transfer Students

Students who wish to transfer from an accredited college, who merit a letter of honorable dismissal, and who have a grade point average of at least 2.0 on a 4.0

system are eligible for admission to Milligan College. Such applicants should follow the same procedure outlined above, except the ACT or SAT scores are not required. In addition they must furnish the College with transcripts of all previous college work.

Returning Students

A student who has withdrawn in good standing should address a letter to the Academic Dean requesting permission for readmission.

A student who has been academically dismissed should observe the following procedure:

1. The student's letter requesting readmission shall be addressed to the Academic Dean as chairman of the Admissions Committee.
2. The Admissions Committee will examine the student's original records and any work done since his suspension.
3. If there is reason to believe that the student would profit from another opportunity to do college work, he will be permitted to enroll with probationary status following at least one semester of suspension.
4. In the event that it is necessary to suspend the student a second time, he will not be eligible to apply for readmission.

Special Students

An applicant over 21 years of age who does not qualify in any of the above categories but demonstrates ability to do college work may be admitted as a special student, not a candidate for a degree. If he satisfies the entrance requirements in full within two years from the time of his admission to this status, he may then become a candidate for a degree.

Special students may also be undergraduate students who have met all entrance requirements but are temporarily departing from graduation requirements or from specified curricula for a semester or a year. During that time they are not candidates for a degree.

Special student status must be granted by the Academic Dean. This privilege must be renewed at the beginning of each semester.

Credits received as a special student will be subject to revision should the student decide to become a candidate for a degree.

Audits

Persons not enrolled in Milligan College as degree seeking students may enroll as audit students. No credit shall be allowed for this work, and a grade of "Au" shall be assigned. Tuition will be one-half normal tuition charges.

Foreign Students

Milligan College is approved by the United States Department of Justice for education of non-quota foreign students. Foreign students must present satisfactory scores for the TOEFL exam and prepay all expenses for one semester. Five hundred dollars of the prepayment will be considered non-refundable.

Ceremony of Matriculation

After all admission requirements have been met, including the orientation activities at the beginning of the year, the candidate for admission may participate in the ceremony of matriculation.

Matriculation Day ordinarily is Friday of the first week of the fall semester. At the conclusion of a general assembly, the candidates are escorted to the platform where they sign the College register and officially become members of the Milligan community.

EXPENSES

In order to serve students from a wide range of economic backgrounds, Milligan College has been able to supplement student fees with endowment funds and gifts from organizations and individuals. For this reason expenses at Milligan are somewhat lower than the expenses at other private colleges. Expenses are subject to change without notice.

Expenses for one semester:

Tuition (for 12 to 17 hours)	\$ 936.00
Board	484.00
Room	291.00
Tax on Board	29.04
TOTAL FOR ONE SEMESTER	\$1,740.04
Tuition each academic hour over 17	65.00
Tuition each academic hour under 12	78.00

SPECIAL FEES

The following fees are required from those who enroll for work in the specified course or receive special privileges:

Laboratory Fees

Materials for special courses:

Education 411, 412, 471, 472	\$ 5.00
Science Laboratory Fee	10.00
Psychology 252	5.00
Psychology 259	10.00
Psychology 427	5.00
Secretarial Practice	10.00
Language Lab Fee	10.00
Typing	10.00
Music 301, 381-2	5.00
Studio Art Fee	10.00
Art 102, 201, 311	5.00
Art 302, 303	10.00
Voice Class	20.00
Sheet Music Deposit	10.00
Directed teaching fee	15.00
Music 145, 146, 245, 246	10.00
Music 221, 222	30.00

Tuition Charges in Applied Music

One semester hour	\$40.00
Two semester hours	\$60.00

Practice Room and Instrument Rent:

Organ	\$30.00 (1 hr.)	\$45.00 (2 hrs.)
Voice and Piano	\$20.00 (1 hr.)	\$30.00 (2 hrs.)

Application Fee

An application fee of ten (\$10.00) dollars is required with the application for admission to the College. This fee is not refunded. It defrays part of the expense of processing an application.

Advance Deposit

Milligan College is limited in the number of students it can accept. Efficient use of dormitory and classroom facilities requires a maximal occupancy. To assure the College of a firm commitment by the student, each dormitory student will be charged a student deposit fee of \$50.00

This \$50.00 fee is held by the College in an escrow account, to be returned upon graduation or permanent withdrawal, subject to satisfaction of the student's account with the College.

CLAIM FOR A REFUND OF THIS FEE MUST BE MADE ON OR BEFORE JULY 1, PRECEDING THE OPENING OF THE FALL SEMESTER.

Matriculation Fee

A matriculation fee of ten (\$10.00) dollars is charged every student when he enrolls for the first time in Milligan College. This fee is paid only once.

Miscellaneous Fees (per semester)

Diploma and graduation fee	\$20.00
Transcript fee—after first issue	1.00
Automobile registration fee	5.00
Late registration fee per day	5.00
Change of course fee	5.00
Audit fee for one semester hour	39.00

Part-time Student

Part-time or special students (who enroll for less than twelve hours per semester) will be charged a registration fee of ten dollars and tuition at the rate of \$78.00 per semester hour.

Payments of Accounts

All student accounts are due and payable on the day of registration of each semester.

For those students who cannot meet all of the semester cost at the beginning of a semester, the following policy will apply:

Dormitory Students: On the day of registration a down payment of one-half tuition and room, \$50.00 on board, and all fees will be required. The remaining balance is to be paid in three equal installments falling due one month, two months, and three months after the date of registration. Honor scholarships, work scholarships, and grants-in-aid are to be deducted from the last payment.

Commuting Students: On the day of registration a down payment of one-half tuition and all fees will be required. The remaining balance is to be paid in three equal installments falling due one month, two months, and three months after the day of registration. Honor scholarships, work scholarships, and grants-in-aid are to be deducted from the last payment.

Students Receiving Financial Assistance: Students on full scholarships from foundations or corporations need not observe the down-payment principle. Students receiving other assistance such as Vocational Rehabilitation, veterans assistance, war orphans assistance or part-scholarship may apply such amounts toward the down payment requirement.

Summer Session: All charges are payable on the day of registration.

Other Regulations: No transcript will be issued until the student has satisfied all accounts with the College.

Students who have grant-in-aid commitments from the College should secure a letter from the person or persons making that commitment with terms and amount clearly stipulated.

Textbooks

New and used textbooks may be purchased at the Milligan Bookstore located in the Student Union Building. The Bookstore operates on a cash basis, and no books will be charged to a student's account unless the student is on a full-scholarship. The cost of textbooks, usually, does not exceed \$120.00 for the year.

Board

The cost of Board is \$484.00 per semester for three meals a day, seven days a week, exclusive of official vacation periods. (The dining room is closed during vacation periods). This is a flat rate for the semester which allows the students to save the clerical and other expenses involved when meals are charged individually rather than by the semester. The rate does not provide for any refunds for meals missed.

Linen Service

By special arrangements with a local linen supply company, the College makes available to all dormitory students a linen rental service. This service provides a clean set of linen each week consisting of 2 sheets, 1 pillow case, and 3 bath towels.

The linen is dispensed from individual metal lockers located in each dormitory, and the price for this service is \$43.40 for the academic year.

Complete details and a reservation form will be mailed to all students prior to the opening of school.

Refunds

Upon proper notice, a student who withdraws within the first four weeks of a semester will be refunded one-half of his tuition and the prorata share of his board. Room rent and fees will not be refunded.

After the fourth week there is no refund except for the prorata share of board. An exception will be made for illness, in which the refund period will be extended to the ninth week. Illness must be certified by a physician's written statement.

There is no refund to a student who withdraws for disciplinary reasons.

In the event of withdrawal, no credit will be given for scholarship or grant-in-aid.

Since work on the campus has a cash value only when applied toward college expenses, there is no refund given to self-help students who have a credit balance to their accounts. A credit balance may, however, be transferred to the account of immediate members of the family, providing it is transferred not later than the fall semester of the following college year. A student wishing to make such transfer must first notify the Business Office before leaving the College.



FINANCIAL AID

Milligan College offers a comprehensive program of financial aid for students who otherwise would be unable to continue their education. Through this financial aid program an eligible student may receive one or more types of financial aid. Before a student or his parents decide a college education is too expensive, they should investigate the possibility of obtaining financial aid through the College.

Any student who applies for admission to Milligan College is eligible to request financial assistance. If he is offered admission and if he demonstrates a financial need, Milligan will attempt to meet that estimated need.

In order to apply for financial aid, each student must submit a Milligan College Financial Aid Application, and his parents must file a Financial Aid Form with the College Scholarship Service. The Milligan application can be obtained from the Financial Aid Office at Milligan, and the Financial Aid Form can be obtained from Milligan or a high school counselor. Both applications must be submitted prior to April 1. Awards are made on a year-to-year basis, and applications must be submitted each year.

TYPES OF FINANCIAL AID

Loans

National Direct Student Loan—This new federal loan replaced the National Defense Student Loan as of July 1, 1972. However, the new program still provides long-term loans with an annual interest rate of 3 per cent; no interest accrues until the repayment phase begins. The loan is to be repaid within a ten-year period commencing nine months after a borrower terminates his enrollment. A student who is able to demonstrate financial need may receive up to \$5,000 during his undergraduate years. A special feature allows borrowers who become full-time teachers of the handicapped or in areas which have a high concentration of low income families to cancel the full amount of the loan upon the completion of five years of service. Schools eligible for such consideration are listed each year in the Federal Register. The repayment of the loan may be deferred up to three years for Peace Corps, VISTA, and military service and indefinitely for graduate study (as long as half-time enrollment is maintained).

Ministerial Loans—The Ralph Depew, Fred and Daisy Hayden, and Grace Phillips Johnson Loan Programs are available to students who demonstrate financial need and are preparing for the ministry or other Christian Service. These loans are low interest loans with repayment requirements similar to the National Direct Student Loan. However, there are limited deferment privileges and no cancellation benefits.

Other Student Loans—Several loan funds—Class of 1963, Kiwanis Student Loan, Wilson Loan—have been established by various people and organizations to assist students. Various amounts not to exceed \$500 are available to students with academic promise and financial need. These loans have the same repayment conditions as the Ministerial Loans.

Grants

Basic Educational Opportunity Grant—Students who have a demonstrated financial need are awarded grants under this program. The maximum grant is \$1,600.00, and the average award is approximately \$800.00. Every student who qualifies is entitled to and will receive an award.

Milligan College Grants—Grants of various amounts are given to individuals who demonstrate exceptional financial need.

Campus Employment

College Work-Study Program—This federal program provides for part-time campus employment to students who are enrolled on at least a half-time basis. Eligibility depends upon financial need.

Milligan College Work Program—This program offers similar on-campus jobs for which Milligan provides the funds. Jobs on this program are awarded to students with a financial need first, but a student may participate in the program if he or she has a special skill.

Outside Agencies

Tennessee Student Assistance Award—This state-funded program provides tuition grants up to \$1,200.00 to Tennessee residents who plan to attend a Tennessee college or university and are able to demonstrate financial need. More information may be obtained by writing Tennessee Student Assistance Corporation, 707 Main Street, Nashville, Tennessee 37206, or by consulting the high school counselor.

Guaranteed Loan Program or United Student Aid Fund—Funds from these programs are borrowed for educational purposes directly from banks, credit unions, and other financial institutions in a student's hometown. These loans, which are generally based upon financial need, are guaranteed by state agencies, the Federal Government, or private non-profit organizations to enable the student to borrow without collateral or established credit. Details of the Guaranteed Loan Program vary from state to state, but in general students may borrow up to \$2,500.00 for the first two years of undergraduate study to \$5,000.00 aggregate for undergraduate education. Repayment commences nine months after termination of student status (unless deferred for military service, Peace Corps, or VISTA) although interest accrues from the date of the loan at the rate of 7 percent. For a student who proves to have a financial need equal to or greater than the amount of the loan approved, the Federal Government will pay the interest while the borrower is in school and for nine months thereafter and during periods of deferment for military, Peace Corps, or VISTA service. When the repayment phase begins, the student will repay the principal and interest (7%) at the minimum rate of \$30 per month. Details and forms concerning the Guaranteed Loan Program for the various states are usually available at a student's local bank, where the loan request must be filed.

Tuition Plan, Inc. and College Aid Plan—These two commercial plans are available to parents and students desiring to pay educational expenses in monthly installments. Through these two plans, parents may arrange payments for one to four years for loans covering up to \$15,000.00 for a four year period. Each program offers an insurance program which guarantees the payment of the loan in full in case of the parents' death. In either of the above plans payments are made by the financing company directly to Milligan College on or before the day of registration. Additional information may be obtained by writing the Office of Financial Aid.

Scholarships

Milligan College offers a number of scholarships to students who demonstrate academic promise and achievement. The program is designed to recognize students with outstanding academic records.

Carla B. Keys Scholarships—Scholarships of up to half-tuition are available to both prospective and currently enrolled students of the College who demonstrate exemplary records of Christian service and commitment, academic promise and achievement, and a financial need. Students applying for a Keys Scholarship should have at least a GPA of 3.5.

Honor Scholarships—An honor scholarship of \$450.00 is granted to the honor graduate who is enrolling in college for the first time from a standard Grade A high school. A scholarship of \$250.00 is granted to the student ranking second in a graduating class of 25 or more. A scholarship of \$150.00 is granted to the student ranking third in a graduating class of 50 or more.

At the end of each scholastic year, scholarships valued at \$450.00 will be granted to the highest ranking Milligan College freshman, sophomore, and junior. Scholarships of \$250.00 will be offered to the second ranking student in each of the three classes. Scholarships of \$150.00 will be offered to the third ranking student in each of the three classes. The student receiving the award must have carried 15 or more semester hours of academic credit during the term for which the award was made. Scholarship may be withheld for due cause. A student must have completed two full semesters in Milligan College in order to be eligible for a class rank scholarship.

Academic Scholarships—Students with outstanding records may apply for an academic scholarship which is based almost solely on previous grades and recommendations concerning academic promise. Juniors and Seniors may apply if their major is listed as one to be funded in a given year. A second category in which funds are available regardless of the major is available to Sophomores and second semester Freshmen. A third funded category (without designation of the major) is open to any student for his or her first semester at Milligan. The first category scholarship winners are determined by the Faculty in that area while the second and third category winners are determined by the Scholarship Committee. Applicants must apply to the Financial Aid Office by April 1 for the following year.

Philip Scharfstein Scholarship—A scholarship not to exceed \$500.00 per year is available to a person majoring in Business Administration who has a cumulative grade point average of 3.0 or higher. Preference will be given to graduates of local high schools.

Mary Hardin and Lonnie W. McCown Scholarship Fund—This scholarship program was established to help those students who need assistance for educational purposes. The recipient will be determined by the Scholarship Committee.

Milligan College Music Scholarship—A limited number of scholarships are awarded to students each year who demonstrate skill in vocal or instrumental music.

Mrs. L. M. Wood Scholarship—This scholarship in business administration and economics is awarded to an outstanding junior or senior.

Milligan College Scholarship—Scholarships of various amounts are given to individuals who demonstrate academic promise.

B. D. Phillips Memorial Music Scholarship—This scholarship is awarded to an upper classman who is a music major and who demonstrates financial need and academic ability.

Guy and Rhea Oakes Scholarship—This scholarship (usually \$250.00) is awarded each year to a returning student. The recipient is a student who has produced an excellent essay on "Why I Recommend Milligan to My Friends." The winner is determined by the Scholarship Committee.

B. Carroll Reece Scholarship—An annual scholarship of \$200 is available to help a needy student from the First Congressional District of Tennessee.

Vocational Rehabilitation

The State of Tennessee provides a service for physically handicapped civilian students in order that their employment opportunities may be equalized with those of unimpaired individuals. The service consists of a complete physical diagnosis and financial assistance in preparing for a vocation or profession.

Physically handicapped students from other states may qualify for aid for study in Milligan College through the vocational rehabilitation office of their state. For information about this service the student should write to the Business Office of Milligan College or to his state department of vocational rehabilitation.

The New G.I. Bill

Milligan College is eligible to receive veterans under the provisions of the new G.I. Bill, known as the Veteran's Readjustment Benefit Act of 1966 and also as Public Law 550 of the 82nd Congress.

To qualify, veterans must have an honorable discharge or release and have had active duty of more than 180 days, any part of which occurred after January 31, 1955. Veterans may qualify with less than 181 days if their discharge occurred after January 31, 1955, and was for a service-connected disability.

Payments will be made each month directly to the veteran. Students wishing additional information may contact their nearest Veterans Administration Office or write to the Business Office of Milligan College.

Each veteran is entitled to one month of educational benefits for each month or fraction of a month of creditable active duty after January 31, 1955. No veteran may receive more than forty-five months of entitlement. However, if a veteran is in training on his termination date, he may complete the semester in which he is currently enrolled.

Veterans must complete their program within ten years after their last discharge.

The Veterans Administration will provide counseling and vocational planning service for any veteran who needs this assistance.

War Orphans

Milligan College is also qualified to accept students under the provisions of Public Law 634 of the 84th Congress. This program gives financial aid for educational purposes to young men and women whose parent died of injuries or disease resulting from military service in World War I, World War II, or the Korean conflict. The student may obtain additional information and forms for filing application for such benefits by contacting his local Veterans Administration office or writing the Business Office of Milligan College.



ACADEMIC INFORMATION

Requirements for a Degree

A student advancing to the baccalaureate may select the Bachelor of Arts or Bachelor of Science Degree. The Bachelor of Arts degree is conferred in all fields in which the College offers a major. The Bachelor of Science degree is conferred only in the fields of Business Administration, Health and Physical Education, Human Relations, Mathematics, Biology, Chemistry, and Secretarial Sciences. The major difference in the two degrees is that a foreign language is required for the Arts degree. The specific requirements for the Bachelor of Science degree in these fields are stated in the introduction to the Areas.

A total of 128 semester hours is required for graduation. A student transferring from another college must be in residence during the two semesters (may include one 9 week summer session) immediately preceding his graduation and must successfully complete not fewer than 30 semester hours in Milligan College.

To provide a foundation for advanced studies Milligan requires of all students the inclusion of the following courses in their program:

Bible 123-124, 471

Humanities 101-102, 201-202

Psychology 155 and three additional hours

Health and Physical Education, two hours of activity

Biology, Chemistry, or Physics, eight hours

Sociology, Economics, or Government, six hours

Bible 123 and 124 must be taken in the first two semesters a student is enrolled in Milligan College.

Humanities 101 and 102 are required of all freshmen.

Humanities 201 and 202 are required of all sophomores.

The Health and Physical Education requirements should be satisfied in the freshman year.

The candidate for the degree must also present a major, minor, and electives to total 128 hours of credit. A student seeking a B.A. degree must complete a foreign language through the intermediate level.

The Associate in Science Degree requires 67 semester hours and is conferred in the field of Secretarial Science. A student seeking the AS Degree must complete not fewer than 30 semester hours in Milligan College. The specific course requirements are outlined in the introduction to the area.

Any student may graduate under the regulations prescribed in the catalogue in effect at the time of his entrance into this College, provided these requirements are met within six years; otherwise he will be required to meet current degree requirements. The six-year limitation will be extended for the length of time in military service for students who enter service after enrolling at Milligan.

Medical and Law Students

The Baccalaureate degree will be conferred by Milligan College upon a student who enters a standard medical or law college before completing his baccalaureate degree, subject to the following conditions.

Completion of six semesters of work in residence in Milligan College.

Fulfillment of the specific course requirements for the degree while in Milligan College.

Submission to the Registrar of the credits earned in the medical or law school.

Convocation

Each semester Milligan College sponsors a convocation series consisting of programs of a broad range of interest for the intellectual and spiritual growth of its students.

Attendance at these convocations is required of all students. If a student has more than four unexcused absences, he forfeits his eligibility to return to Milligan for the next semester.

Class Attendance

Milligan College makes no provision for a system of allowed absences, sometimes called "cuts." The student is expected to attend each meeting of the class in which he is enrolled. Absence from a session of the class involves a loss in learning opportunity for which there is no adequate compensation. The teacher's evaluation of the work done by the student will necessarily be affected by such absence. More than four unexcused absences in a three hour course will require the instructor to place an evaluation of "F" on the student's record for that course.

It is recognized that the student may have legitimate reasons for absences. Such reasons may include sickness as certified by a physician or nurse, death in the family, and participation in College activities off campus. Except in the case of sickness and death, all such absences must be approved in advance by the Academic Dean.

The College Calendar

The Milligan College calendar of classes is organized on a semester basis. Classes will be in session for 15 weeks plus the final examination period. The College also offers a summer session consisting of two 4½ week terms. In addition to these regularly scheduled terms students may earn one or two semester hours of credit in independent study during the period between the fall and spring semester and/or between the spring semester and the summer session. These inter-session courses shall count as residence credit.

Advisers

All students entering Milligan College are assigned a faculty adviser. At the beginning of his junior year the student automatically becomes the advisee of the chairman of the discipline in which the student is majoring.

The student must have his schedule of classes approved by his adviser before he is eligible to complete registration. Mid-term and semester grade reports are made available to the student through his adviser. Students are encouraged to consult with their advisers on a regular basis.

Majors and Minors

As the student progresses toward the baccalaureate degree, he will select a field of work for concentrated study. This selection will ordinarily be made early in the junior year and is subject to change only after consultation with the Dean, Registrar, and faculty adviser. Selection of a field of concentration may be made from the following: Bible, Biology, Business Administration, Chemistry, Christian Education, English, Health and Physical Education, History, Human Relations (includes Psychology and Sociology), Humanities, Mathematics, Music, Philosophy, Secretarial Science, and World Studies/Church Growth.

In addition to this field of major concentration, the student will select one field of minor concentration.

A transfer student must take at least six semester hours in Milligan in his major field of study.

Grade Point Average

The terms used in evaluating a student's work are letters with a grade point value. Advancement to the baccalaureate degree is contingent upon the completion of

128 semester hours with a total of 256 quality points. The grade point average (GPA) may be determined by dividing the total number of quality points by the semester hours attempted. The following table of values is observed in all courses.

A—Excellent—four quality points for each semester hour.

B—Good—three quality points for each semester hour.

C—Average—two quality points for each semester hour.

D—Poor—one quality point for each semester hour.

S—Satisfactory—not computed in grade point average.

F—Unsatisfactory—no quality points.

W—Withdrawn.

Students withdrawing officially from classes before mid-term will receive "W's." Students withdrawing after the mid-term will have their achievement evaluated by the grade "W" or the grade "F."

Correspondence Credit

Students desiring to take correspondence courses through another college must have written approval from the Academic Dean. Only six semester hours of correspondence study are recommended, and no more than 12 semester hours will be accepted toward a degree program. A student enrolled for a correspondence course must count the number of correspondence hours with his regular semester load in determining a full load for the semester. When a student completes a correspondence course, he should request a transcript to be sent to the Registrar of Milligan College.

Honors

The degree may be awarded with honors to a student who has completed all requirements for a baccalaureate degree. Transfer students may not receive honors greater than the level warranted by the grade point average earned at Milligan.

The degree with honors is divided into three levels as follows: Summa Cum Laude, based on a grade point average of 4.00; Magna Cum Laude, based on a grade point average of at least 3.75; and Cum Laude, based on a grade point average of at least 3.33.

At the close of each semester, the Office of the Academic Dean publishes a list of students who have done outstanding work during that semester. The Dean's First List is composed of students whose semester grade point averages were 3.75 to 4.00. A student must have had a 3.5 to 3.749 to be placed on the Dean's Second List.

Probation

A student who fails to receive a 2.0 grade point average during any semester of his program in Milligan will be placed on academic probation. If the student fails to achieve a 2.0 the following semester, the College is not obligated to grant him the privilege of further study at Milligan College.

Reports

The Registrar will issue to the parent or guardian the faculty evaluation of each student's work following mid-semester and final examinations.

Classification

Progression toward the baccalaureate degree is measured by four ranks or classes, each entailing certain prerequisites and each carrying certain recognitions. The period of an academic year must ordinarily be allowed for attainment of the next higher rank.

Transcripts

Official transcripts of the student's record in Milligan will be furnished only upon the request of the student.

One transcript will be issued to each student without charge; subsequent transcripts will be issued at the rate of one dollar each.

Transcripts are withheld if the student or alumnus has an unsettled financial obligation to the College.

Withdrawal

No student may withdraw from the College without the permission of the Academic Dean. Upon securing the consent of the Dean the student is expected to meet all obligations involving his instructors, fellow students, Deans, Dormitory Residents, Business Manager, and Registrar.

Any student who leaves the College without fulfilling these obligations will receive an "F" in each course in which he is enrolled and will forfeit any returnable fees he may have paid the College.

Further academic information may be obtained by writing to the Academic Dean.

Medical and Law Students

The pre-medical and pre-dental programs at Milligan are highly competitive and quite variable, depending upon the student's choice of major and minor. Milligan graduates have generally been successful in obtaining admission to medical and dental schools throughout the nation. Additional information may be obtained from the pre-medical and pre-dental advisers.

Milligan College does not recommend or offer a major in "pre-law" as such. This stand is in keeping both with the broad educational philosophy of Milligan College and the philosophy expressed by the Statement of the Association of American Law Schools on Prelegal Education. American law schools do not encourage the undergraduate student to "learn the law," but rather stress the necessity of the pre-law student's acquiring certain comprehensive skills, such as "comprehension and expression in words," "critical understanding of human institutions and values," and the development of "creative power in thinking." While therefore a student planning for a specific phase of the law (e.g. tax law) may find certain undergraduate majors or courses desirable (e.g., business or accounting), any solid academic major is equally acceptable to American law schools and recommended by Milligan College.

CO-OPERATIVE PROGRAMS

The dual-degree program enables students to enjoy advantages of the distinctive ministries of two colleges. Students completing specified degree programs in Atlanta Christian College, Johnson Bible College, Kentucky Christian College, or Mayland Institute are able to complete teacher certification requirements while qualifying for the Milligan degree. Mutual recognition of credit enables students to transfer with more ease when vocational choices require preparation not available in their present school. Further information may be obtained by writing the Academic Dean.

Engineering Students

Special arrangements have been made with Georgia Institute of Technology and Tri-State College whereby a student completing a three year program in Milligan may receive his Baccalaureate degree from Milligan and his engineering degree from the engineering school. The student must complete the same requirements in Milligan College as are outlined for medical and law students.

Mortuary Science

Milligan College has a co-operative program with Indiana College of Mortuary Science. The program requires a minimum of 90 semester hours of academic work at Milligan College and one year professional training at Indiana College of Mortuary Science. Upon successful completion of the four year program and upon receiving a satisfactory score on the National Board Examination sponsored by the Conference of Funeral Service Examining Boards, the student would be eligible to receive a Bachelor of Science degree from Milligan College. The 90 semester hours required in Milligan College will include 60 hours of general liberal arts

courses including social studies, science, and the humanities. In addition, the student will complete an academic minor in one of the areas of the humanities, social sciences, sciences, or business.

Nursing

Milligan College students may pursue a course of study leading to a Bachelor of Science in Nursing degree from East Tennessee State University. The freshman and sophomore years are taken at Milligan College. The junior and senior years are offered through East Tennessee State University. Interested persons should contact the Office of the Academic Dean, Milligan College, Tennessee 37682.

ROTC

Milligan College students are eligible to participate in the Reserve Officers' Training Corps program through East Tennessee State University. Interested persons should contact the Office of the Academic Dean for further information.

The Bachelor of Science Degree with a Major in Medical Technology

Milligan College is officially affiliated with the Holston Valley Community Hospital School of Medical Technology, Kingsport, Tennessee. A Milligan student may become eligible for the Registry and also the Bachelor of Science degree with a major in Medical Technology by:

(1) Successfully completing the three year curriculum of Milligan classes which include the required foundation courses for the bachelor of science degree plus the following courses: Math 111, 112, Chemistry 103-104, 301-302, 310, Physics 201-202, Biology 110, 140, 240, 340, 380, and Parasitology.*

(2) Successfully completing the approved program (12 months) in the Holston Valley Community Hospital School of Medical Technology, Kingsport, Tennessee, or a similar program in some other approved school.

(3) Qualifying for the Registry.

* Taken at East Tennessee State University.

Home Economics Education

A program leading to the Bachelor of Science Degree in Home Economics Education is available through a cooperative program between Milligan College and the Home Economics Education Department of East Tennessee State University. Students who elect this program will complete the freshman and sophomore years at Milligan and then transfer their accumulated credits to E.T.S.U. Upon the successful completion of the junior and senior years, E.T.S.U. awards the degree.

OFF CAMPUS CENTERS

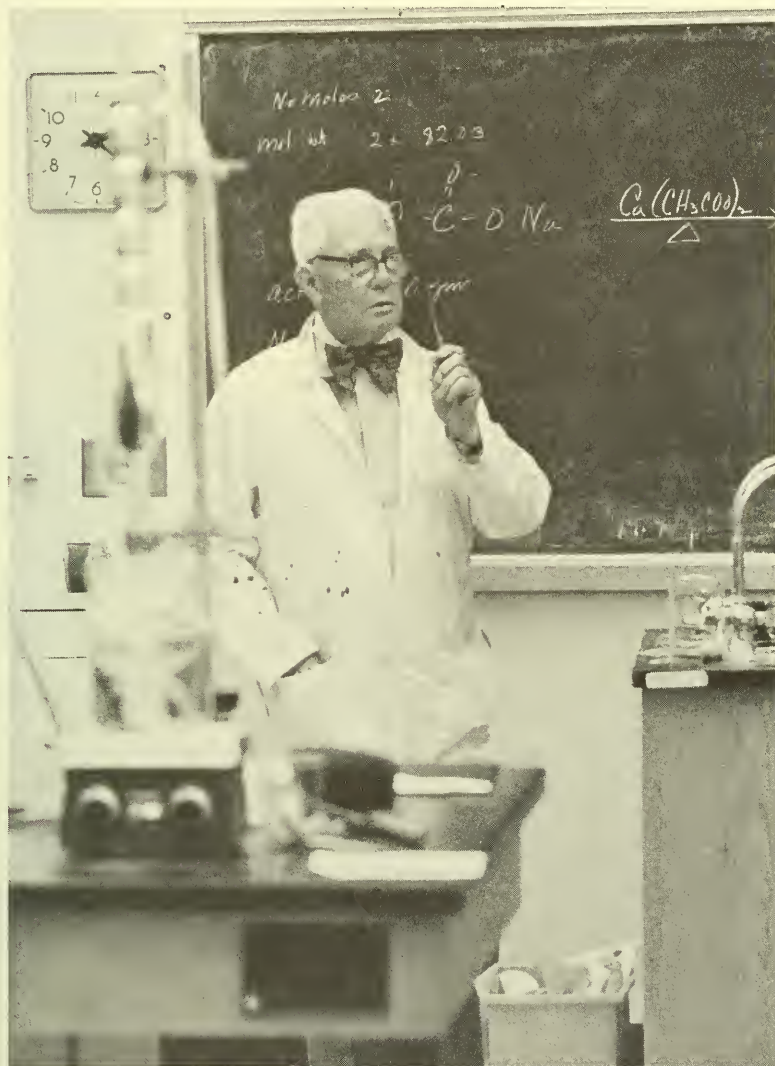
The College has Off-Campus Centers in West Lafayette, Indiana (Mr. Douglas Dickey, Director), Joppa, Maryland (Mr. H. A. "Bill" Bullis, Director), and Indianapolis, Indiana (Dr. E. LeRoy Lawson, Director).

These Centers provide credit instruction in Bible and Greek with supervision by full-time faculty in these areas.

WESTWOOD CHRISTIAN FOUNDATION

The Westwood Christian Foundation, Los Angeles, California, exists for the purpose of supporting Christian scholarship in great centers of learning. Milligan, along with other undergraduate and graduate institutions in California and elsewhere, is associated with the Foundation. The Executive Director of the Foundation is Dr. Robert O. Fife, Professor-at-Large in Milligan College.

AREAS OF INSTRUCTION



AREAS OF INSTRUCTION

Milligan College proceeds upon the assumption that all knowledge is one. The modern practice of fixing the data of learning in separate categories is not looked upon with favor at Milligan; too much has already been seen of the fruits of the separation of culture, technology, and faith. However, there is value in recognizing man's basic areas of learning: that which comes from the revelation of God, that which derives from human experience, and that which is seen in nature. Milligan provides for the isolation of these areas of knowledge, only with the understanding that this division of studies will be made the instrument of greater cooperation and sympathy among the several fields of scholarly investigation. Milligan thus organizes its academic program into five areas of learning: the Area of Biblical Learning, the Area of Humane Learning, the Area of Social Learning, the Area of Scientific Learning, and the Area of Professional Learning. Each of the areas is presided over by an academic chairman, and these chairmen, together with the Academic Dean, constitute the Academic Committee, whose responsibility it is to determine curricula and academic policies.

Area of Biblical Learning

Dr. Henry Webb, Chairman



BIBLE

The Bible, the supreme written revelation of God to mankind, is the hub of the curriculum in Milligan College. The Bible is not only a treasury of the world's best literature, history, philosophy, and ethical wisdom but also the mind and will of God laid bare to the human race. It speaks, therefore, to every human situation and area of learning because the mind and will of God embrace all of these. Consequently, no one can accurately call himself an educated person until he has acquired at least a working knowledge of God's purpose as expressed in the Scriptures.

A knowledge of the Bible and skill in its interpretation take account of the historical setting—geographical, cultural, linguistic, social—of the peoples to whom the Bible was first given. Only by such careful study and training can the vastness and complexity of the Bible yield the religious and cultural synthesis sought in Milligan.

The first aim of Biblical study is to introduce each student to the content of the Christian revelation in such a way as to assist him in effective living and service in any vocation. The vocational aim is also met by such study directed toward specialized ministries.

In addition to the Bible courses which are required of all students in Milligan College (Bible 123-124-471), the major in Bible consists of thirty hours which must include six hours of New Testament (selected from 201, 202, or 286), six hours of Old Testament, History 341-342, 421-432, Christian Ministries 280-281 and Christian Ministries 275-276 or an acceptable Christian Ministries option that augments the student's vocational objectives.

The Bible minor shall consist of eighteen hours equally distributed between Old and New Testament studies, but it shall not include Bible 471. The student minor-ing in Bible is urged to consult with the Area Chairman in the selection of these courses.

Old Testament

- 123. Old Testament Survey**—An examination of the Old Testament, its content, background, and significance. Required of all students. Three semester hours.
- 251. History and Institutions of Israel**—A study of the social, political, and religious institutions of ancient Israel. Three semester hours.
- 252. Biblical Archaeology**—A study of the history and techniques of archaeology in the Biblical world as a historical science together with a survey of Palestinian history as reconstructed by latest archaeological evidence. The uses of archaeological data for Biblical studies will be emphasized. Three semester hours.
- 285. Seminar in Palestine**—An intercession tour of Israel involving prior reading, travel to significant historical and archaeological sites in Israel, travel notes, and evaluation. Credits earned may be applied toward major requirements for Bible in upper level Old Testament. Prerequisite: Old Testament Survey and New Testament Survey or equivalent. Three semester hours.
- 301-302. The Prophets**—A careful exegetical study of the prophetic books of the Old Testament to determine the character, message, and social and political background on each prophet. Three semester hours each semester.
- 421. Post-Exilic Prophets**—A study of those passages in prophetic works which pertain to the development of the Hebrew-Jewish community which resumed in Jerusalem and Judah after the Exile. Three semester hours.
- 422. Intertestamental Literature**—A survey of the types of Jewish literature (i.e., apocryphal, pseudepigraphic, wisdom, apocalyptic) and their contents which were influential in the development of Judaism in the last two centuries B.C. and in the first century A.D. Three semester hours.

New Testament

- 111. Linguistics for Bible Translation**—An introductory seminar sponsored jointly with Pioneer Bible Institute. The course includes an introduction to generative linguistics and anthropology with special emphasis on skills pertinent to Bible translation and an overview of phonetics, syntax and semantics with classroom work entirely from the Biblical Record. One semester hour.
- 124. New Testament Survey**—A study of the New Testament, including a survey of its Jewish and Hellenistic backgrounds. Required of all students. Three semester hours.
- 201. The Life of Christ**—A study of the four Gospels with the intent of showing Christ as a person, teacher, and minister. Also treated in the course is the harmony of material in the Gospels. Three semester hours.
- 202. The Book of Acts**—A study of Acts with emphasis upon the establishment and extension of the Church. Three semester hours.
- 261. Biblical Faith and Contemporary Culture**—A study of the relationships between Biblical faith and contemporary Western Culture with special reference to the particular interests and areas of study of those taking the course. Available at Purdue Center only. Three semester hours.
- 286. Seminar in Palestine**—An intersession tour of Israel involving prior reading, travel to significant historical and archaeological sites in Israel, travel notes, and evaluation. Credits earned may be applied toward major requirements for Bible in upper level New Testament. Prerequisite: Old Testament Survey and New Testament Survey or equivalent. Three semester hours.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 311. The Parables of Jesus**—A concentrated study of the role of the parables in the teaching and ministry of Jesus. There will also be a study of the history of the interpretation of the parables from the early Church to the present. Two semester hours.
- 321. Later Pauline Epistles**—An exegetical study of Phillippians, Colossians, Philemon, and Ephesians. Three semester hours.
- 322. Pastoral Epistles**—An exegetical study of 1 and 2 Timothy, and Titus. Three semester hours.
- 323. Hebrews and James**—An exegetical study. Three semester hours.
- 324. Johannine Literature**—An exegetical study of 1, 2, and 3 John, and Revelation. Three semester hours.
- 411-412. Major Pauline Epistles**—An exegetical study of 1 and 2 Thessalonians, 1 and 2 Corinthians, Galatians, and Romans. Three semester hours each semester.
- 471. Christ and Culture**—A study of the impact of the Christian faith as found in the New Testament upon contemporary Western culture. Required of all seniors. Three semester hours.

Church History

341-342. Church History (See History 341-342).

431-432. Reformation of the Nineteenth Century (See History 431-432).

CHRISTIAN MINISTRIES

Field Work—A program designed to encourage Bible and Christian Education majors to become involved in the life of the church at some local level. Cooperation of the area churches opens opportunities for youth work, Bible School teaching, choir directing and other forms of Christian service and experience. During

the first two years of study it is recommended that such relationships be on a voluntary basis. With maturity and development most upper classmen will establish some remunerative relationship with some congregation.

- 250. Church Growth**—An examination into the nature of evangelism and a study of the various methods of conducting evangelistic activity in different cultural contexts. Consideration is also given to conservation of the results of evangelism. Three semester hours.
- 270. Introduction to Christian Missions**—A study of the Biblical and theological basis for missions, pointing out the implications of ecumenics, anthropology, and changing world conditions for present missionary practice. Three semester hours.
- 271. History of Christian Missions**—A survey of the beginning and progress of missions since the beginning of Christianity. Three semester hours.
- 275-276. Homiletics**—A study of the theory and art of preaching. Two semester hours each semester.
- 280-281. Practicum in Ministry**—Involvement in ministry either in a local congregation or on a mission field under approved supervision and involving adequate evaluation. Arrangements are to be made through the Area Chairman. One semester hour each semester. **Note:** This requirement may be met through a summer program of not less than eight weeks by advance arrangement with a local church or mission.
- 452. Pastoral Counseling** (See Psychology 452).
- 477. Church Administration**—An examination of the organizational, promotional, stewardship, evangelistic, and worship responsibilities of the ministry with a view toward equipping the student to assume these responsibilities. Two semester hours.

RELIGION

- 350. Comparative Religions**—A comparative investigation of the structure and content of primitive, ancient, and contemporary religions of man. The study includes consideration of major doctrines, figures, and developments. Three semester hours.
- 351. Philosophy of Religion** (See Philosophy 351).
- 491-492. Seminar in Religion**—A seminar in religion designed to promote in depth discussion, independent research, and writing. Topic to be announced. Three semester hours each semester.

RELIGIOUS EDUCATION

The program in Religious Education is designed to serve persons who wish to combine a strong Bible program with work in both Christian Education and professional education. Though the program does not lead directly to teacher certification, the student may elect additional courses, sometimes requiring an additional semester, and be granted such certification. Ministers' wives and those looking toward graduate work in religious education may find this program valuable. It is also designed as a terminal program for those who would function as youth ministers, church secretaries, and Christian education workers in local churches. With certification, the program is ideal for Christian day-school teachers, missionary educators, etc.

The Religious Education major consists of Religious Education 261, 304, 308, in addition to those courses which are required for a Bible major. This program is correlated closely with the program in teacher education in Milligan College.

Required courses for the minor in Religious Education will be determined in consultation with the Area Chairman.

- 261. Introduction to Christian Education**—A survey course introducing the student to the total program of Christian Education in the local church. Principles, organization, curriculum, methods, leadership, and kindred matters are treated. Three semester hours.
- 304. Materials and Methods of Christian Education**—A study of the materials, methods, agencies, and programs used in the Christian nurture of children and youth. Special emphasis is placed upon the opportunities for Christian teaching seen in Daily Vacation Bible School, graded worship, expressional groups, and Christian camping. Three semester hours.
- 308. Organization and Administration of Christian Education**—A study of church educational organizations and activities with an emphasis on administering these activities. Two semester hours.
- 317. Organization and Administration of Youth Programs**—An examination into various aspects of the Ministry to Youth and of the organizational structures upon which such ministries are based. Two semester hours.
- 318. Materials and Methods of Youth Ministries**—A study of the available resources for ministering to the needs of youth in the Church. Two semester hours.



Area of Humane Learning



Dr. William C. Gwaltney, Jr., Chairman

Human achievement in the arts of thought and expression is one of the major studies of a liberal arts college. The aims of humane learning are the recognition and study of the ideas which have liberated and enriched the human spirit, the analysis of the various linguistic, graphic, and musical forms which have delighted the imagination of man, and the stimulation of creative expression of thought and emotion. Thus the "humanities" in partnership with science and revelation contribute to the freedom and moral potency of the human spirit. In the study of the humane disciplines, Milligan seeks to emphasize what is basic, feeling that a collegiate education should first of all equip men and women with a love for correct thinking and right living. Men and women so equipped will master whatever occupation they choose for a livelihood.

In the humane studies are grouped art, English, speech, foreign languages, music, humanities, and philosophy. At the present a major may be taken in the fields of English, philosophy, music, and humanities. A minor can be taken in art, French, German, English, Greek, philosophy, music, and theatre arts.

HUMANITIES

The purpose of the major in humanities is to allow Milligan students to pursue an interdisciplinary course of study to fulfill the aims of the Area of Humane Learning. Although the major is not structured as a pre-vocational course, it does provide a broad undergraduate education from which a good student can move into several graduate programs or into secondary school teaching. It focuses upon the great ideas which have shaped history and created contemporary civilization.

Requirements for the humanities major are as follows: 24 hours of junior and senior level course work, including at least three hours of Humanities 490 and selected courses from among the disciplines of history, literature, philosophy, fine arts, foreign language, and Bible.

Each student majoring in humanities will work with an advisory committee selected from the humanities staff. Together they will design a program to meet the needs and desires of the individual student.

Students majoring in humanities will be encouraged to fulfill requirements for a minor from one of the above disciplines. However, students minoring in other fields may still major in humanities. There is no humanities minor.

101-102. Humanities—A general introduction to history, literature, philosophy, art, music, and comparative religion. Emphasis is given to an integrated approach to learning and to instruction in writing. The first year's study begins with the Greeks and ends with the eighteenth century. Particular emphasis is given to books regarded as "classics" in Western tradition. Six semester hours each semester.

201-202. Humanities—A continuation of the program of Humanities 101-102. Particular attention is given to the idea of progress and the general optimism of the nineteenth century and the anxiety and despair manifested in the twentieth century. Six semester hours each semester.

Note: Humanities 101-102 is a required course of study for all freshmen working toward an A.S., B.A., or B.S. Degree. Humanities 201-202 is a required course of study for all sophomores working toward a B.A. or B.S. Degree.

- 200. Humanities European Study Tour**—A study tour of 12 European countries, visiting sites of historical and cultural significances. In addition to the travel students will complete reading and writing assignments and fulfill all the academic obligations outlined by the tour professor. Humanities 200 may be taken in lieu of Humanities 201 or 202. Students who have completed the required Humanities sequence may petition for credit in art or history. Prerequisite: Humanities 101-102. Six semester hours.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 490. Reading and Research in the Area of Humane Learning**—An individualized course of study to be determined by the student and his advisory committee. At least three hours of Humanities 490 will be required for every humanities major. Students writing an undergraduate thesis in humanities may be allowed up to 12 semester hours of Humanities 490. One to six semester hours per semester.



AFFILIATE PROGRAMS IN HUMANITIES

The Affiliate Programs in Humanities permit a student majoring in humanities to specialize in one of three areas: art, philosophy, or a foreign language. Such programs would be especially advantageous to students wanting to do graduate study in one of these three areas without sacrificing the opportunity of doing the broader cross disciplinary humanities major at the undergraduate level. Students can also meet teacher certification requirements at the secondary level in the areas of art and foreign language.

The requirements for the above majors include a minor in the field of concentration, additional courses in the area of Humane Learning to be determined by a committee from the area and chaired by the person responsible for the minor, and a suitable project or paper in Humanities 490.

AFFILIATE PROGRAMS IN HUMANITIES

HUMANITIES—ART

HUMANITIES—PHILOSOPHY

HUMANITIES—FOREIGN LANGUAGE

ART

(Min. 18 hours)

101	Visual Composition (3)
102	Drawing (3)
201	Painting (3)
301	Egg Tempera (3)
302	Printmaking I (3)
303	Printmaking II (3)
304	Watercolor (3)
305	Studio Workshop (3)
	Art History (9)

PHILOSOPHY

(Min. 18 hours)

151	Introduction to Logic (3)
321	Ethics (3)
301-302	History of Philosophy (6)
300-400	Electives (6)

FOREIGN LANGUAGE*

(Min. 18 hours)

211-212	Intermediate
301-302	Advanced
311-312	Survey of Literature and additional upper level language courses.

*Language emphasis available in French or German

Twenty-four hours of junior and senior level course work in the area of Humane Learning will be determined by the student's committee. Must include at least 3 hours of Humanities 490.

ENGLISH

The course of study in English language and literature is designed to enable the student to write clearly and effectively, to read with appreciation, enjoyment, and understanding, and to construct intelligent standards for the critical evaluation of literature.

The major in English consists of thirty semester hours which must include English 304 or 305 and 460 or 461. Students having completed two years of Humanities will be credited with six hours toward the English major. The remaining twenty-four hours required for the major may be selected from the following five areas of the English offerings with the proviso that the student take a minimum of one course from at least four of the five areas: History and Structure of English (311, 312, 313); Medieval and Renaissance Literature (430, 460, 461, 462); Restoration and Eighteenth Century Literature (361, 432); Nineteenth Century Literature (304, 434, 435); Modern Literature (305, 402, 411, 412). Six hours of junior or senior level speech courses may be applied to an English major.

The minor in English consists of eighteen hours which may include six hours of humanities and must include courses in both American and English Literature.

211. Special Studies in Literature—A reading and discussion course designed to introduce famous themes, types of literature, or contemporary emphases in literary writings. Not applicable toward the English major or minor. One or two semester hours.

290. Independent Study—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

304-305. Survey of American Literature—A study of the literature of the American people with special attention to the writings of the major authors. Collateral reading is assigned in the American novel. Three semester hours each semester.



311. **Advanced Grammar**—Advanced study in the principles of English grammar with attention to sentence structure, vocabulary, spelling, and verb forms. Three semester hours.
312. **Introduction to Linguistics**—A study of the basic principles of linguistic analysis as specifically applied to the English language. Three semester hours.
313. **History of the English Language**—A survey of the development of the English language from its origins to the present. Three semester hours.
354. **Children's Literature**—A study of children's literature designed to acquaint the student with the literary contributions suitable for elementary grades. Applicable toward an English major only for those certifying in elementary education. Three semester hours.
361. **Novel**—A study of the history and development of the novel as a literary type with special emphasis on the British novel and the American novel. Three semester hours.
375. **Philosophy in Literature**—(See Philosophy 375).
402. **Short Story**—A study of the development of the short story with some attention to creative writing. Two semester hours.
- 411-412. **Contemporary Literature**—A study of leading writers of fiction, poetry, and drama in the Twentieth Century, including English and non-English writers. This is a seminar course, involving discussions, independent research, and oral presentations. Three semester hours each semester.
430. **Medieval Literature**—A study of poetry, prose, and language from the Norman Conquest to the Fifteenth Century with emphasis on Chaucer and his contemporaries; Langland, Gower, Petrarch, and Boccaccio. Three semester hours.
432. **Restoration and Eighteenth Century Literature**—A study of selections of prose and poetry from the major writers of the Restoration and Eighteenth Century. Collateral reading of background materials is drawn from the writings of scientists, philosophers, historians, and other contributors to the cultural and intellectual milieu of the period. Three semester hours.
434. **Romantic Movement**—A study of the Romantic Movement in England with special emphasis upon the great poets of the period. Three semester hours.
435. **Victorian Period**—A study of the fascinating contradictions of the second half of the Nineteenth Century as expressed in the major poets, essayists, and novelists of the period. Three semester hours.
- 460-461. **Renaissance Drama**—An examination of most of Shakespeare's plays with collateral reading in the works of his fellow playwrights from the early Tudor beginnings to the Restoration. Three semester hours each semester.
462. **Renaissance Poetry and Prose**—Careful readings of the works of Spenser, Sidney, the Metaphysical poets, and Milton. Three semester hours.
490. **Independent Study**—Independent work for Senior English Majors in an area of the student's interest. The student's program will be under the supervision of one of the members of the English faculty. One to three semester hours.

FINE ARTS

The study of the fine arts gives expression to the aesthetic unity of the various forms and modes of Art. At the same time it increases both the ability for aesthetic response and the understanding of that experience. The Sub-area of Fine Arts includes the curricula of art and music.

ART

The art courses at Milligan College are designed to accommodate both the serious and casual student. It is possible to obtain both an art minor and a Humanities-Art major, and every student in a small liberal arts college can benefit from an experience in making and/or appreciating works of art. Therefore, neither the studio nor art history courses require previous experience. It is suggested, however, that either (or both) Art 101—Visual Composition and Art 102—Drawing may be considered valuable as introductions to studio art.

The minor in art consists of 18 hours which must include Art 101, 102, 201, 420, 421, and 422.

101. **Visual Composition**—Fundamental concepts in the design or organization of pictures, as well as a development of sensitivity to various kinds of visual forms. Three semester hours.
102. **Drawing**—An introduction to basic drawing concepts through experimentation in various media. Three semester hours.
201. **Painting**—An introduction to elementary painting concepts and techniques in either oil or acrylic. Three semester hours.
290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.



- 301. Egg Tempera Painting**—A study of the Medieval and Renaissance method of panel painting using egg yolk as a medium. The medium stresses precision and craftsmanship. Offered alternate years. Three semester hours.
- 302. Printmaking I**—The making of relief prints, using wood and linoleum. Offered alternate years. Three semester hours.
- 303. Printmaking II**—The making of intaglio prints, using such varied methods as etching, drypoint, and aquatint. Offered alternate years. Three semester hours.
- 304. Watercolor**—An introduction to various techniques in landscape watercolor painting. Offered alternate years. Three semester hours.
- 305. Studio Workshop**—An open studio course especially designed for those students interested in pursuing any art project or medium not listed in the catalog. It also may be used by those desiring further, more intensive work in a medium listed in the catalog. Three semester hours.
- 311. Art for Elementary Teachers**—Designed to acquaint students certifying for elementary education with objectives, materials, and procedures for the elementary school arts program. Not applicable towards art minor or Humanities-Art major. Three semester hours.
- 420. Art History—Prehistoric Through Renaissance**—A survey of painting, sculpture, and architecture. Offered alternate years. Three semester hours.
- 421. Art History—Baroque through Mid-Nineteenth Century**—A survey of painting, sculpture, and architecture. Offered alternate years. Three semester hours.
- 422. Art History—Mid-Nineteenth Century through Mid-Twentieth Century**—A survey of painting, sculpture, and architecture. Offered alternate years. Three semester hours.
- 423. Art History—Mid-Twentieth Century to Present**—A survey of painting, sculpture, and architecture. Offered alternate years. Three semester hours.
- 490. Independent Study**—Independent study in an area of art agreed upon by the student and instructor. One to three semester hours.

MUSIC

The music program proposes to promote understanding and enjoyment of music in the College at large and to provide specialized training for those who plan careers in music. Milligan College offers both a major and minor in music. Students who participate in music should realize that this is an experience in aesthetics as well as in musical proficiency. Details of music requirements may be found in the Music Handbook.

Each student majoring in music selects either voice, piano, organ, or an orchestral instrument for his primary area of concentration and must complete "applied Level X" requirements and present an acceptable senior recital. Music majors must be enrolled in an ensemble each semester that they attend Milligan College. The music major includes Music 143-4, 145-6, 243-4, 245-6, 381-2, 363, 385-6, and the applied music discussed above. All music majors must pass Freshman Comprehensive 199 at the end of the freshman year and Sophomore Comprehensive 299 at the end of the sophomore year. For those majoring in music and certifying to teach music, music shall be considered both the major and minor. In addition the music student wishing to certify to teach shall take the following: Music 221, 222, 451, 452, Psychology 404, Education 407, and 461.

Milligan College offers a church music program designed specifically for those who wish to work with music in the church. Candidates will be trained in piano, conducting, voice, and building a graded choir for all ages. Opportunities for field work in local churches will broaden the student's musical and spiritual education while helping local congregations build their music programs. The church music major consists of Music 143-4, 145-6, 243-4, 245-6, 221-2, 363, 381-2, 385-6, 451-2, 462 (Hymnology), and 481. Twelve hours of applied music with a proficiency examination and seven hours of ensemble will be required.

The music minor consists of Music 143-144, 145-146, 381 or 382 or 301, 363, and applied music distributed as follows: a primary area (attaining Level VI and passing Senior Proficiency 499), a secondary area (attaining Level IV), and an ensemble each semester.

Auditions for senior recitals will be held at the beginning of the semester in which the recital is to be given, and recital material must be memorized at that time.

Music Theory

143-144. Basic Music Theory—A course in beginning written theory and keyboard. Three semester hours each semester.

145-146. Basic Ear Training—A partially programmed freshman course covering identification, sightsinging, and dictation. One semester hour each semester.

243-244. Advanced Music Theory—A course in advanced concepts in music theory and keyboard. Prerequisite: Music 143-144. Three semester hours each semester.

245-246. Advanced Ear Training—A sophomore course in advanced study of material similar to 145-146. One semester hour each semester.

343. Counterpoint—A survey of contrapuntal methods with a historical approach and exercises in the most important styles. Prerequisite: Music 243-244. Three semester hours.

344. Orchestration—A survey of the musical instruments, their styles, historical practice, and use in ensembles. Prerequisite: Music 143-144. Three semester hours.

385-386. Form and Analysis—A study of major forms of music from the Baroque period through the twentieth century. Two semester hours each semester.

Music Literature and History

301. Understanding Music—Studies in techniques, forms, and style of music to acquaint the non-music major with the elements of musical culture. Three semester hours.



- 381-382. Music History and Literature**—A survey of the development of Western music and studies of major composers and styles. Three semester hours each semester.

Music Education

- 221-222. Instrumental Methods**—Basic performing, teaching and maintenance techniques for the string, brass, woodwind, and percussion instruments, as well as selection of materials, methods, and instruments. One semester hour.
- 351. Music in the Elementary School**—Teaching music in the classroom, kindergarten through sixth grade. Studies in the development of the child's musical abilities are included. Not open to music majors. Three semester hours.
- 451. Methods and Materials for Elementary Music**—Teaching methods and materials of music for children including studies of the child's musical development. Three semester hours.
- 452. Methods and Materials for Secondary Music**—Philosophy, curriculum, methods, and materials of teaching music and directing ensembles. Three semester hours.
- 481. Practicum in Church Music**—Applied music experience in an approved church music program. Six semester hours.

Conducting

- 363. Basic Conducting**—Conducting patterns, elements of interpretation, and practice in sightsinging. Prerequisite: Music 144 and 146. Two semester hours.
- 364. Advanced Conducting**—Choral conducting, including problems of tone, balance, and interpretation. Prerequisite: Music 363. Two semester hours.

Seminars

- 462. Seminar**—Seminars in specific areas of music for advanced students in voice pedagogy, piano pedagogy, composition, accompanying, hymnology, organ literature, and opera workshop. Two semester hours.

Comprehensive Evaluations

- 199. Freshman Comprehensive**—Testing general music accomplishment at the end of the first year. See Music Handbook for details.
- 299. Sophomore Comprehensive**—Testing general accomplishment at the end of the second year of music study. See Music Handbook for details.
- 499. Senior Proficiency**—Testing general accomplishment in the music major's secondary applied instrument or voice. Music minors take Senior Proficiency in their primary applied.

Applied Music

Each student majoring in music must select one area of applied music for his primary concentration. He must also pass Music 499. If a student does not select voice as a primary or secondary concentration, he will be required to take voice class but will not be required to pass a voice comprehensive.

Each music major or minor will be expected to perform in his primary applied area before the music faculty each year. The senior student will perform a recital program.

Piano

- 110, 111-410, 411. Piano for Majors**—Individual instruction in piano. One hour lesson per week. Two semester hours each semester.
- 150. Piano for Non-Majors**—Individual instruction for music minors and electives. One half-hour lesson per week. May be repeated. One semester hour.

Voice

104. **Voice Class**—Rudiments of vocal music, breathing, correct use of body control, diction, and the development of tone. Required of all prospective voice students with no prior training. Not applicable toward a major or minor in music. One semester hour.
- 114, 115-414, 415. **Voice for Majors**—Individual instruction in voice. One hour lesson per week. Two semester hours each semester.
155. **Voice for Non-Majors**—Individual instruction for music minors and electives. One half-hour lesson per week. May be repeated. One semester hour.

Organ

- 118, 119-418, 419. **Organ for Majors**—Individual instruction with a concentration on music for the church organist and recital repertoire for qualified students. One hour lesson per week. Two semester hours each semester.
160. **Organ for Non-Majors**—Individual instruction for music minors and electives. One half-hour lesson per week. May be repeated. One semester hour.

Instrumental

- 116, 117-416, 417. **Instrumental Instruction for Majors**—Individual instruction in orchestral instruments. One hour lesson per week. Two semester hours each semester.
165. **Instrumental for Non-Majors**—Individual instruction in orchestral instruments. One half-hour lesson per week. May be repeated. One semester hour credit.



Ensembles

Ensembles are considered the music laboratory for all music majors and minors and are to be taken each semester of the student's college career, except during Directed Teaching or Church Music Practicum. Placement in an ensemble is determined by an audition.

Choral

- 131, 132-431, 432. **Milligan Chorale**—Mixed chorus studying representative choral literature. Winter and spring concerts and a limited number of other performances are given. Four rehearsals per week. One semester hour.
- 133, 134-433, 434. **Concert Choir**—Mixed chorus. Repertoire of major choral selections. High standards of vocal technique and musicianship are required. Five rehearsals each week. One semester hour.

135, 136-435, 436. Chamber Singers—A small mixed chorus of selected singers to study and perform varied repertoire. The singers perform for limited outside engagements and at the annual Madrigal Dinner. One semester hour each semester.

Instrumental

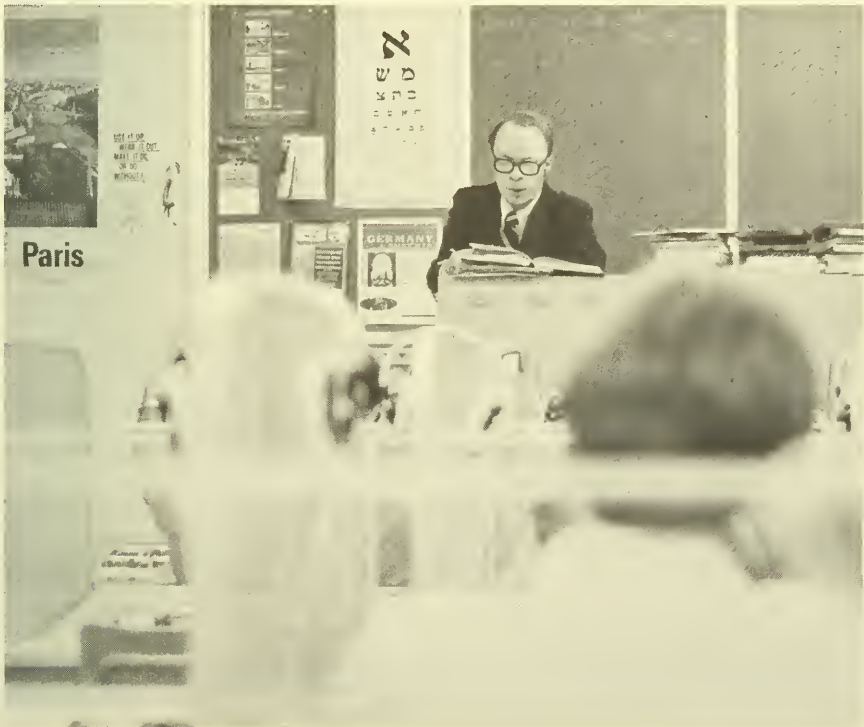
106, 107. Band—Instrumental ensemble studying and performing wind ensemble literature of the Baroque and Classical periods, as well as nineteenth and twentieth century band compositions. Three rehearsals per week. One semester hour each semester.

108. Orchestra—Performance with the Johnson City Symphony Orchestra; strings, woodwinds, brass, or percussion instruments. One rehearsal per week for two and one half hours. One semester hour.

FOREIGN LANGUAGES

The study and mastery of language are the chief avenues of human freedom and development. The study of language, other than one's own, introduces the mind to the heritage of other nations and civilizations; it enables one to find new shades of meaning in the expression of ideas; it gives new power to the imagination; and it contributes to the sympathetic understanding of other ways of life.

Successful completion of each semester of a language is a prerequisite to any subsequent semester in the sequence of that language. Admission for freshmen and transfer students with previous study of a language to advanced standing in that language in Milligan College will be determined by scores achieved on a placement test. A student who scores high enough on the placement test to enter the third year of a language may receive credit for the second year of that language. Credit will be given to those students who find it necessary to take the first year of the language.



DUTCH

111-112. **Elementary Dutch**—The basic structures, pronunciation, and writing systems, with ample oral, reading, and writing practice. Three semester hours each semester.

FRENCH

The minor in French will consist of 18 semester hours of classes beyond the level of French 111-112.

111-112. **Elementary French**—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple French. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.

211-212. **Intermediate French**—The reading of prose, with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.

290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

301-302. **Advanced Conversation and Composition**—Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication in modern day France. Classes will be conducted in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.

311-312. **Survey of French Literature**—A study of the literature of France from its beginnings to the present. Readings, including entire works, are selected from prominent authors of each century. Discussion will be in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.

401-402. **French Civilization and Culture**—A study of French civilization and culture from its origins to the present. Topics will include history, philosophy, art, music, and everyday life. Newspaper and magazine articles will supplement the text. Discussion and reports will be in French. Prerequisite: French 301-302 or consent of instructor. Three semester hours each semester.

490. **Independent Study**—An individualized course of study in French language or literature. The content of the course will be determined by the student and a member of the French faculty. Prerequisite: French 302 or 312 or consent of instructor. One to three semester hours per semester with a maximum of six semester hours.

GERMAN

The minor in German will consist of 18 semester hours of classes beyond the level of German 111-112.

111-112. **Elementary German**—The pronunciation and writing systems, oral mastery of basic structural patterns in dialog form, their variation through pattern drills, analysis of grammatical structures, reading, and written composition. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.

211-212. **Intermediate German**—Continued conversational drill, oral practice in the variation of structural patterns, reading of selections from modern German literature, and written composition with a thorough review of pronunciation and grammar. Three class periods and not less than one laboratory period per week. Three semester hours each semester.

301-302. **Advanced Conversation and Composition**—Extensive practice in conversation and composition. Classes are conducted in German. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.

- 311-312. Survey of German Literature**—A study of the literature of the German-speaking peoples from its beginnings to the present. Reading and analysis of selections from the leading writers are included. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.
- 401-402. Seminar in German Studies**—A study of selected topics in German literature, language, or culture, according to the interests of the students. Prerequisite: German 302 or 312 or consent of instructor. Three semester hours each semester.
- 490. Independent Study**—Individualized readings or independent research in an area of the student's interest in German literature, linguistics, or civilization. Prerequisite: German 302 or 312 or consent of instructor. One to three semester hours each semester.

GREEK

The minor in Greek will consist of 18 semester hours.

- 111-112. Elementary Greek**—A study of the elements of Koiné Greek including drill on simple phrases and sentences and the acquisition of vocabulary. Readings in Johannine literature are included in the second semester. Three semester hours each semester.
- 221-222. Intermediate Greek**—The translation and grammatical analysis of New Testament passages representing a cross-section of Greek styles. The course also includes a study of an intermediate grammar and some work with textual critical apparatus. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 331-332. Advanced Greek Readings**—Selected readings in the Septuagint, Philo, Josephus, and the Apostolic Fathers with attention to historical-theological contributions of these writers and works. Three hours each semester.

HEBREW

- 111-112. Modern Hebrew**—Reading, conversation, and composition, as well as basic grammar of Living Hebrew. Three class periods and two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate Hebrew**—Conversational drill, review of grammar, accelerated reading and composition, together with a cursory survey of Hebraic literature from Biblical times through the modern renaissance of Living Hebrew. Three class periods and one laboratory period per week. Three semester hours each semester.

SPANISH

- 111-112. Elementary Spanish**—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple Spanish. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate Spanish**—The reading of prose with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301. Advanced Spanish**—Advanced composition and conversation and the reading of representative selections from Spanish literature. Three semester hours.
- 311. Survey of Spanish Literature**—Reading of selections from the outstanding authors of Spain and some conversation and composition. Three semester hours.

PHILOSOPHY

The study of philosophy is designed to increase the student's ability to think intelligently about man and the universe and about man's views basic to everyday social, political, economical, religious, and scientific theories and activities.

It introduces the student to the names and basic ideas of philosophers who have influenced the thought and action of the modern world. The study of philosophy cultivates an understanding and appreciation of the history and function of philosophy as an academic discipline.

The major in philosophy consists of twenty-four semester hours which must include Philosophy 151, 301-302, 321, and 401.

Students minoring in philosophy will complete eighteen semester hours which must include Philosophy 301, 302, and 401.

Three hours of Humanities 202 may be applied toward the philosophy major or minor.

151. **Introduction to Logic**—The study of traditional and symbolic logic, including practice in logical analysis, the detection of fallacies, and the use of the syllogism. Three semester hours.
290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
301. **History of Philosophy (Ancient)**—A study of the beginnings of Greek philosophy, through Augustine. Three semester hours.
302. **History of Philosophy (Modern)**—A survey of the more important philosophical systems of the western world from the Sixteenth Century to the Nineteenth Century. Three semester hours.
303. **History of Philosophy (Contemporary)**—A survey of Twentieth Century philosophy to Wittgenstein and Sartre. Three semester hours.
321. **Ethics**—A study of theoretical and practical problems of moral conduct and proposed solutions. Emphasis is given to the nature of ethics, value, rights, and obligations. Three semester hours.
350. **Comparative Religions** (See Religion 350).
351. **Philosophy of Religion**—A study of the nature and meaning of religion within various world views, including a comparative study of the more important religious movements. Prerequisite: Either Humanities 202 or Philosophy 301 and 302. Three semester hours.
375. **Philosophy in Literature**—A study of the philosophical questions in selected classics of world literature. Three semester hours.
390. **Mathematical Logic**—The sentential calculus; axiomatic discussion of Boolean algebras, and formalization of deductive theories. Three semester hours.
- 401-402. **Seminar Studies in Philosophy**—A seminar designed to develop the ability to do independent research and writing. One to three semester hours each semester.
446. **Readngs in Philosophy**—A concentrated program of readings in philosophy. Prerequisite: Minimum academic average of B. One to three semester hours.

SPEECH AND THEATRE ARTS

Speech Communication

121. **Fundamentals of Speech**—An analysis of speech problems through the study of model speeches. Emphasis is given to organization and presentation of speeches for specific occasions through the manuscript, memorized, impromptu, and extemporaneous methods. Three semester hours.
275. **Homiletics**—(See Christian Ministries 275).

290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a single course. Not open to freshmen. One to three semester hours.
301. **Business and Professional Speech**—A study of the various formats of public speech for business and professional majors, including experience and participation in parliamentary procedure and exploration of the various group dynamic processes. Three semester hours.
346. **Persuasion in Speech**—Logical and psychological factors in persuasion and persuasive technique. Analysis is made of audience adaptation and contemporary and historical persuasion. Practice is given in persuasive speaking. Three semester hours.



Theatre Arts

The theatre arts minor shall consist of eighteen semester hours and must include Theatre 151, 341, either English 460 or 461, and two semester hours selected from Music 104 and 155. Health and Physical Education 208 may also apply toward the minor.

151. **Introduction to Theatre**—The history and literature of the theatre from its Greek origins to the present. Also emphasized will be theatre techniques such as lighting, costuming, and set design. Three semester hours.
340. **Directing**—Emphasis in study on the various elements in the production of a play; theory, selection of plays, interpretation of the play, scene design, costuming, and make-up. Directing is a laboratory experience which is especially recommended for students preparing to supervise plays in the public schools. Three semester hours.
341. **Acting**—Experience in the theory of effective acting techniques: methods of acting, stage movement, stage business procedures. Laboratory experience includes participating in a play. Three semester hours.
342. **Advanced Acting**—Advanced acting with an emphasis on Greek, Shakespearean, and Restoration comedy techniques. Prerequisite: Theatre 341. Three semester hours.
490. **Readings in Drama**—A concentrated program of readings in drama designed to provide a solid repertory available to the beginning dramatist. Prerequisite: Six hours in drama. One to three semester hours.
491. **Theatre Workshop**—An opportunity to gain experience in practical theatre work—costuming, lighting, set design, production, and direction. Open to juniors and seniors only. One to six semester hours.

Area of Professional Learning

Dr. Paul Clark
Mr. Eugene Price, Co-Chairmen



AREA OF PROFESSIONAL LEARNING

The curricula in the Area of Professional Learning are offered to those students who are planning careers in business or education. Courses in business administration and economics, health and physical education, secretarial science, and education are designed to prepare students for employment in these fields, to give them knowledge of the history and literature of the respective disciplines, and to make them aware of related problems. They are also designed to provide such curricula leading to degrees as will combine specialized training with a liberal education. Study in any one of these professional fields will prepare the qualified student for graduate study.

BUSINESS AND ECONOMICS

Courses in the field of business administration and economics are designed primarily to familiarize the student with economic principles and their practical application. These courses are listed under two divisions: business administration and economics.

Courses in business administration are primarily of a vocational nature and are concerned with the specific application of general economic and commercial principles. They emphasize knowledge and techniques useful to students intending to pursue careers in business.

The main purpose of the courses in economics is to develop in the student the ability to analyze and understand economic principles and institutions from a historical as well as a contemporary point of view. These courses furnish the theoretical background necessary for the achievement of a particular vocational or professional goal. They also constitute the academic basis for graduate study in economics and related fields.

The Bachelor of Science degree with a major in business administration and economics consists of thirty semester hours: Business Administration 211-212, Economics 201-202, 301, 451, and twelve hours of business or economics electives at the junior and senior level. In preparation for the major the student should take Mathematics 108 and 214. A grade point average of 2.25 is required in the major.

The business administration and economics minor consists of eighteen semester hours: Business Administration 211-212, Economics 201-202, and six hours of business or economics electives at the junior and senior level.

A student may elect to take a Bachelor of Arts degree with a major in business administration and economics by substituting six semester hours of a foreign language at the intermediate level for six hours of business or economics electives.

BUSINESS ADMINISTRATION

211-212. Introductory Accounting—Introduction to the principles of accounting. Covered are the fundamentals of recording, summarizing, and analyzing business transactions; also given are detailed consideration of recording in books of original entry, posting to ledger, completion of period summary, and preparation of accounting statements. Three semester hours each semester.

290. Independent Study—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

301-302. Intermediate Accounting—A continuation of the study of the principles of accounting with emphasis upon the more intricate details of the accounting process. Special attention is given to unusual accounting problems and to statement analysis and application. Prerequisite: Business Administration 211-212. Three semester hours each semester.

303. Principles of Insurance—A study of the principles, practices, and major coverages of life, casualty, and property insurance. Offered alternate years. Three semester hours.

- 304. Advertising**—A study of the principles of advertising along with its function and aims in business. Attention is given to the economic and psychological principles involved. There is also a study of market analysis and its importance to the field of advertising. The mechanics of layout, media, and copy writing are considered. Offered alternate years. Three semester hours.
- 311. Cost Accounting**—A study of the methods of accounting for material labor and overhead in manufacturing. The job order cost system, process cost, and standard cost systems are considered. Offered alternate years. Prerequisite: Business Administration 211-212. Three semester hours.
- 312. Auditing**—A study of audit theory and procedure as applied to verification of accounts, internal control, professional ethics, and the preparation of reports. Prerequisite: Business Administration 211-212. Offered alternate years. Three semester hours.
- 315. Marketing**—A survey of marketing principles and problems and a detailed analysis of markets, market prices, and marketing agents. Consideration is also given to the struggle among the various agencies for the control of the market. Prerequisite: Economics 201-202. Three semester hours.
- 361. Principles of Management**—A study of the basic principles of management. Also considered are decision-making and the fundamental function of management, planning, organizing, actuating, controlling, and the application of the process of management to selected areas. Studies of individual firms are discussed. Prerequisite: Economics 201-202. Three semester hours.
- 362. Personnel Management**—Principles and policies governing employer-employee relationships and a consideration of the problems and practices of hiring, supervising, and terminating workers. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.
- 363. Industrial and Public Relations**—A study of the principles involved in developing and carrying out a satisfactory business and ethical relationship with people and with other business firms. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.
- 401-402. Business Law**—A study of the law of contracts, agency, negotiable instruments, property, sales, bailments, insurance, partnerships, corporations, bankruptcy, and business torts and crimes. Emphasis is placed upon the application of principles to commonly occurring commercial situations. Offered alternate years. Three semester hours each semester.
- 411-412. Income Tax Accounting**—An introduction to federal taxes on income and the preparation of tax returns for individuals, partnerships, and corporations. The course includes a study of the concepts of income, capital gains and losses, and deductible expenses. Also covered are accounting methods, including withholding procedures, inventories, estate taxes, gift taxes, and social security taxes. Prerequisite: Business Administration 211-212. Three semester hours each semester.
- 491. Fieldwork**—A practicum experience that will involve the student in a position in business under adequate supervision for the joint purposes of learning about business and possible occupational choices. One to three semester hours.

ECONOMICS

- 201-202. Principles of Economics**—A comprehensive study of the principles and factors of production, exchange, distribution, and consumption of economic goods. Included are a rapid survey of existing economic systems and a brief history of economic thought. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

- 301. Corporation Finance**—A study of the basic financial structure of the corporate type of business enterprise. Emphasis is given to the various methods of financing and to the role that management plays in determining financial policy. Prerequisite: Economics 201-202 and Business Administration 211-212. Three semester hours.
- 302. Financial Management**—Case analysis of problems in corporation finance, receivables and risk management, internal investment decisions, liquidity control, and profit-planning. Emphasis is given to corporate decision-making. Prerequisite: Economics 301. Offered alternate years. Three semester hours.
- 304. Government and Business** (See Government 304).
- 311. History of Economic Thought**—A review of principal analytical ideas of the great economists and an analysis of the socio-economic conditions which influenced their ideas. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 312. Economic History of the United States**—An examination of the economic development and growth of the United States economy from the Colonial Period (Seventeenth Century) to the present time. Emphasis is on the economic impact and consequence of historical events and developments. Offered alternate years. Three semester hours.
- 401. Labor Economics**—A study of the labor movement in the United States with emphasis on pertinent federal and state legislation regulating labor-management relations and the effects of such regulation upon the national economy. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 402. Public Finance**—A study of public expenditures, public revenues, fees, taxes, and public debt. A thorough consideration is given to the present tax system. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 403. Money and Banking**—A study of our monetary system and theory along with a survey of the commercial banking system of the United States. Banking principles are analyzed, and banking institutions are studied to observe the application of principles. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 415. International Economics**—A study of international trading activity comprised of the theory of international trade, explaining the justification for trade, the direction, composition, and size of trade, and the gains from trade; the international financial system and the balance of payments issue; the role of the multinational corporation and national government policy in the international economic activity. Prerequisite: Economics 201-202. Three semester hours.
- 451. Comparative Economic Systems**—A comparative and analytical study of capitalism, socialism, and communism, as they have developed in the countries whose economies they now characterize. Prerequisite: Economics 201-202. Three semester hours.

SECRETARIAL SCIENCE

Secretarial science majors may work toward the Bachelor of Science degree with a major in secretarial science or, by taking six semester hours of a foreign language on the intermediate level rather than six hours of electives, may work toward a Bachelor of Arts degree with a major in secretarial science.

Secretarial science majors should complete the thirty-one hours of secretarial science courses which are described below. Minors should complete eighteen semester hours.

An intensive two-year terminal secretarial program has been designed for students who desire to acquire vocational competence in secretarial skills in the setting of

a Christian liberal arts college. The curriculum consists of: Secretarial Science 131-132, 133-134, 241-242, 243-244, 351-352, 470-472; Bible 123-124; Economics 201-202; Psychology 155; two hours of physical education activity courses; and twenty hours of elective courses.

A student who wishes to certify for the teaching of business education should complete Business Administration 211-212; Economics 201-202; Secretarial Science 131-132, 133-134, 241-242, 243-244, 351-352, 470-472; and Mathematics 108.

The Associate in Science degree in secretarial science is designed for the two-year terminal secretarial student who wishes a broad liberal arts background and an accredited degree. Hours completed for the A.S. degree may also be applied toward the B.S. degree. Required courses are Bible 123-124, Humanities 101-102, Secretarial Science 131-132, 133-134, 241-242, 243-244, 351-352, 470-472, Economics 201-202, Psychology 155, Accounting 211-212, and one elective course of three semester hours.

NOTE: Students with two years of high school typing need not take 131-132.

131-132. Beginning Typing—Mastery of keyboard and other working parts of the typewriter. Emphasis is placed upon accuracy, speed, and continuity of movement. Letter writing, centering, tabulation, envelope addressing, and arrangement of typewriter material are stressed. One and one-half semester hours each semester.

133-134. Beginning Shorthand—A thorough and systematic study of the basic shorthand principles and outlines of Gregg shorthand through the reading of shorthand and drill in dictation. Three semester hours each semester.

241-242. Advanced Typing—A comprehensive review of letter writing and tabulation. Manuscripts, proofreading, numbers, legal documents, and other business forms are emphasized. Three semester hours each semester.

243-244. Advanced Shorthand—Intensive practice in reading and writing for the development of speed and accuracy, advanced study in dictation and transcription, machine practice in dictation, and study of secretarial procedures and practices. Three semester hours each semester.

351-352. Business English—A review of English grammar and a study of the various types of business letters. The purpose is to establish in the mind of the student the principles underlying effective business letters and to provide practice in applying these principles. Two semester hours each semester.

470. Administrative Office Management—A study of systematic information processing and its role in administrative office management. Also included is an in depth study of the three main components of effective information processing: employees, equipment, and work process. Three semester hours.

472. Secretarial Practice—An advanced course in office procedures and the use of business machines. Prerequisite: Secretarial Science 241-242 and 243-244. Three semester hours.

HEALTH AND PHYSICAL EDUCATION

Milligan College recognizes the need for physical and social as well as intellectual and spiritual development for the student seeking a liberal education. Courses are designed to give every student an opportunity to participate in a variety of sports as well as prepare himself to teach physical education and health in the public schools. Helpful courses are also available in the field of recreation.

A student may major in health and physical education. A minor in either physical education or health may be selected by a student who does not choose to major in health and physical education.

A major in health and physical education consists of a minimum of 33 semester hours including the following courses: 111, 203, 204 or 205 or 206, 208, 209, 211, 300 or 302, 301, 311, 312, 403, 404, 406, 411. The major must also include Biology 250-251 and either Sociology 303 or Psychology 353.

The above major with the professional education requirements for certification will allow a student to be prepared to teach both physical education and health in the public schools.

The minor in physical education consists of a minimum of 18 hours: 203, 204 or 205 or 206, 208, 209, 301, 312, 403, 404, and 406. For the teacher education student Biology 250-251 is also required. The teacher education student may elect an emphasis at the elementary or secondary level within this minor.

The minor in Health consists of a minimum of 18 semester hours and includes the following courses: 111, 211, 311, 411, Sociology 303, and Psychology 353.

111. **Personal Health**—Consideration of problems pertaining to the physical and social well-being of the individual. Included is a study of drugs, diseases, and important knowledge relating to health habits and attitudes. An overview of the health field is explored, with an emphasis on health careers. Three semester hours.
151. **Team Sports**—Active participation in such sports as football, field hockey, soccer, and volleyball. One semester hour.
152. **Team Sports**—Active participation in such sports as basketball, team handball, speedball, and softball. One semester hour.
153. **Bowling and Golf**—Instruction and participation at the beginning levels in each of these sports. Special fee. One semester hour.
154. **Beginning Swimming**—Designed for non-swimmers. American Red Cross certification available for beginning swimming, advanced swimming, and basic survival swimming. One semester hour.
155. **Beginning Badminton and Tennis**—Basic strokes and skills for beginning students in each of these lifetime sports. One semester hour.
156. **Intermediate Badminton and Tennis**—Skills and techniques of play for those beyond the level of beginners. One semester hour.
157. **Gymnastics, Stunts, and Tumbling**—Stunts and tumbling activities and gymnastics commensurate with student's ability and available apparatus. One semester hour.
158. **Snow Skiing**—Instruction at a nearby ski resort. The class is divided according to level of skill, beginner to advanced. Special fee. One semester hour.
159. **Horseback Riding**—Instruction at nearby stables on gaited horses and English tack, for beginners as well as intermediate and advanced riders. Special fee. One semester hour.
160. **Track and Field for Men and Women**—Activity and opportunity for skill development in track and field events. Areas studied are chosen from a list of seventeen events including jumping, hurdling, vaulting, sprinting, running for pace development, throwing, and weight events. One semester hour.
161. **Archery and Racketball**—Knowledge and skill development in target archery and racketball. One semester hour.
203. **Physical Education for Elementary Schools**—Designed to prepare the student to direct a full program of physical education activities for grades one through eight. Three semester hours.
204. **Intermediate Swimming**—Designed for students who need additional work on various strokes and diving. Advanced survival swimming will be stressed. American Red Cross certification is available in both intermediate and advanced survival. One semester hour.
205. **Advanced Swimming and Senior Lifesaving**—Designed primarily for those interested in pool and beach life-guarding. American Red Cross certification available for swimmer, advanced swimmer, and lifesaving. One semester hour.

206. **Water Safety Instructor Course**—American Red Cross certification available for Instructor of Beginning Swimming and for Water Safety Instructor. Prerequisite: American Red Cross certification in lifesaving. One semester hour.
207. **Conditioning Exercises and Weight Training**—Theory and practice in conditioning exercises suitable for men and women. Consideration is given to weight training for good body contour, strength, and endurance as desired by the individual. One semester hour.
208. **Folk Dance and Rhythmical Activities**—Rhythmical exercises, elementary steps and folk dances of various countries. One semester hour.
209. **Motor Learning**—Basic skills, knowledge, and psychology of movement education and the application of mechanical principles to skills and skill learning. The student selects an emphasis on the elementary or secondary education level. Two semester hours.
211. **Community Health**—The function and organization of Public Health with emphasis on work of various agencies and the individual's responsibility for community health. Various kinds of pollution, chronic diseases, use of drugs, and consumer health are studied. Three semester hours.
300. **Teaching Team Sports**—Materials and methods, skills, and techniques in teaching the common school team sports. Two semester hours.
301. **Teaching Individual and Dual Sports**—Emphasis on teaching knowledge, skills, and appreciation of lifetime sports. Two semester hours.
302. **Coaching and Officiating Team Sports**—Coaching techniques and strategy, officiating in such sports as football, basketball, baseball, softball, field hockey, track and field, and lacrosse. This course is designed especially for the prospective coach and/or game official. Three semester hours.
309. **Applied Physical Education (or Health)**—Available in specific areas of health or physical education for the major or minor student. The student works closely with the professor to further prepare for teaching. Two semester hours.



311. **Safety Education and First Aid**—Designed to include a wide range of safety programs, including those of school, community, vocations, and leisure time. The American Red Cross course in first aid is also included. Three semester hours.
312. **Introduction to the History and Philosophy of Physical Education**—Introduction to the profession. Consideration is given to the pioneers in the field, to its historical development, and to the principles and philosophy which led to the modern program. Three semester hours.
403. **Measurement and Evaluation in Physical Education**—Analysis of current testing programs. Skill tests, physical fitness, and motor fitness tests are included. Two semester hours.
404. **Organization and Administration of Health and Physical Education**—Study of school problems, including curriculum development, program organization and supervision, and intramural and inter-school athletics. Three semester hours.
406. **Adaptive Physical Education**—The study of programs and services for the atypical student at all grade levels. Two semester hours.
409. **Recreational Leadership and Outdoor Education**—A study of recreation programs; personnel, areas and facilities; and current practices in camp leadership and administration. The study includes such outdoor activities as camping, hiking, mountain climbing, and boating. Limited practical application. Three semester hours.
411. **Health Education**—A survey of the principles and practices of health education. Emphasis is placed on methods and techniques for teaching. Three broad areas are included: health instruction, school health services, and healthful school living. Three semester hours.



EDUCATION

The program of teacher education is designed to serve persons who wish to be certified for teaching elementary, secondary, early childhood, and exceptional children. In addition to their service to the professional student, courses in this discipline are prepared to give the religious education student knowledge of the principles of education. These courses will also give the student who may become a member of the school board or the parent-teacher association an acquaintance with the public school and education methods.

Students in Milligan do their observation and student teaching in the public schools of the nearby communities. A special feature of the program is a semester of professional education. During one of his senior semesters a student will do nine weeks of full-time student teaching and will attend a group of seminars which are especially designed to give a combination of theory and practical experiences in education.

Admission to the Teacher-Education Program

A student who desires to enter the teacher-education program should make formal application during the semester in which he is enrolled in Psychology 252. Transfer students desiring to enter the program should apply for admission the first semester they are enrolled in Milligan.

To be admitted to this program, the student must have a grade point average of 2.25. In addition to the application for admission, the student will be required to take a battery of tests which will be administered by the college counselor. The student will also secure written recommendations from his advisor in his major teaching field. Final approval will be given by the committee on admissions in the education program.

A minimum of two semesters is required in the regular teacher-education program. Admission to the program does not guarantee completion. If for any reason the education faculty decides that the student should not continue in the program, he may be required to withdraw any time before completion.

Certification

Milligan offers curricula for certification issued by the State of Tennessee for elementary and secondary teachers. For the past several years a large percentage of Milligan's graduates have entered the teaching profession. Course work in Milligan has enabled these students to be certified not only in Tennessee but also in states throughout the nation.

National Teacher Examination

Students in the teacher program will be required to take the National Teacher Examinations during the last semester of their senior year.

Student Teaching

Students applying for student teaching should have completed Psychology 252 and either Education 411 or Education 471. The student teaching will be done during the senior year. The application should be made by May 1 for the fall semester or by December 1 for the spring semester.

The student teacher applicant should have a minimum grade point average of 2.25 and expect to take only 18 hours of credit during the student-teacher semester. As a part of the application, the Director of Student Teaching will ask for a list of courses which the student plans to take for each of the remaining semesters of his Milligan B.A. or B.S. program.

Elementary Education Certification

The program for certification in Elementary Education is designed for those desiring a career as an elementary school teacher. Students completing the certification must also complete a major although a minor is not required when certification is completed. Elementary Education certification may be completed with the Bachelor of Science degree or Bachelor of Arts degree (see page 26, Requirements for a Degree).

Students are required to take Psychology 252, Developmental Psychology (four semester hours) as the elective Psychology course in the General Education requirements, and each of the following courses:

English	354	Children's Literature	3 sem. hrs.
Music	351	Music for the Grades	3
Art	311	Art for Elementary School	3
Biology	350	Science for the Grades	4
Math	103-104	Fundamental Concepts	6
H&PE	203	P.E. for the Elem. School	3
H&PE	411	Health Education	3
Psychology	404	Educational Psychology	3
Education	211	Introduction to Reading	3
Education	231	Psychology and Education of Exceptional Children	2
Education	411A	Teaching of Reading	3
Education	407	History and Philosophy of Education	3
Education	412	M and M of Elementary Educ.	2
Education	421	Directed Teaching in the Elementary School	8
			<u>49</u>
Additional General Education			
H&PE		Elective hours	4
Speech	121	Fundamentals of Speech	3
			<u>7</u>
Total			<u>56</u>

(beyond General Education required courses)

Students are urged to consult with the Director of Teacher Education and their academic adviser in the selection of their academic major.

Secondary Education Certification

The program for certification in secondary education is designed for those interested in a teaching career in the junior or senior high school. Students completing the certification will also complete an academic major and an academic minor. If the student selects a major that is not approved for certification, he should have a sufficient number of hours in one of the following areas for certification endorsement: Biology, Business, Chemistry, English, Health and Physical Education, History, Mathematics, or Music. Secondary certification may be completed with the Bachelor of Science degree (selected majors) or the Bachelor of Arts degree (language through the intermediate level required). In addition to the general education requirements and those of a major and minor, certification in secondary education requires completion of the following:

Physical Education 111 or Sociology 303 and one hour of Physical Education activity	
Mathematics 103	
Professional Education	24 hours
Must include Education 231, 407, 471, 472, 481 and Psychology 252, 404	

Special Education Curriculum

Milligan College offers a special education curriculum which is a noncategorical program with emphasis in learning. The special education student, who is required to certify in either elementary or secondary education in addition to special education, will qualify for modern mainstreaming or the teaching of a special education class. Students will have practicum experience with at least three of the following types of children: learning disabled, mentally retarded, emotionally disturbed, physically handicapped, or gifted.

The following courses are required for certification:

- Education 231—Psychology and Education of Exceptional Children
- Education 432—Learning Problems of Exceptional Children
- Education 211—Introduction to Reading
- Education 411A—Teaching of Reading
- Psychology 362—Introduction to Counseling
(or Psychology 353—Personality Theory)
- Psychology 358—Abnormal Psychology
- Psychology 454—Introduction to Psychological Testing
- Education 433—Educational Procedures for Exceptional Children
- H&PE 406—Adaptive Physical Education
- Education 435—Trends and Issues in Special Education
- Education 434—Practicum in Special Education

Early Childhood

Milligan College offers a program in early childhood education. The following courses should be added to the elementary education certification in order to qualify the student for certification in early childhood education.

- Education 441—Early Childhood Education
- Education 442—Methods and Materials for Kindergarten
- Education 443—Early Childhood Practicum

- 211. **Introduction to Reading**—Development of an understanding of the reading process as it is presented in public schools. The course will include the related factors involved in reading such as vocabulary development, comprehensive skills, and study skills. Three semester hours.
- 231. **Psychology and Education of Exceptional Children**—An introduction to the education of exceptional children and the psychological aspects of these exceptionalities. The exceptionalities include high mental ability, mentally retarded, brain injuries, visual impairment, impaired hearing, speech handicaps, and learning disabilities. The course includes observation. Two semester hours.
- 252. **Developmental Psychology**—(See Psychology 252).
- 290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 338. **Educational Sociology**—A study in the application of sociological findings to education. Three semester hours.
- 362. **Basic Principles of Counseling**—Study of counseling processes that are applicable to the problems of normal individuals. Theories of education and personality are studied, and attention is given to promising counseling techniques. Three semester hours.
- 401. **Education and Occupational Information**—A course to provide students opportunity to study the nature of various careers. Three semester hours.
- 404. **Educational Psychology**—(See Psychology 404).
- 407. **History and Philosophy of Education**—A survey of the development of education from ancient Greek times to the present. Three semester hours.
- 411-412. **Materials and Methods of Elementary Education**—A general study of the materials and methods of elementary education with specific attention to the teaching of the language arts, mathematics, and social studies. Two semester hours each semester.
- 411A. **Teaching of Reading**—The objectives, materials, and techniques of reading in grades one through eight with emphasis upon developing readiness, preventing retardation, and planning a balanced reading program. The class includes lectures and supervised observation. Three semester hours.

421. **Directed Teaching in the Elementary School**—Teaching in the public school under the supervision of the classroom teacher with the aid of the college supervisor and major professor. Teaching may be done at two levels. Eight semester hours.
432. **Learning Problems of Exceptional Children**—The learning problems of exceptional children include reading problems, arithmetic problems, auditory problems, visual problems, and perceptual motor problems. An introduction to some of the diagnostic tests will be included. Three semester hours.
433. **Educational Procedures for Exceptional Children**—Supervised experience with behavior modification and techniques of working with children who have reading, arithmetic, auditory, visual, or perceptual motor problems. Students will write prescriptive programs for public school-aged students. Three semester hours.
434. **Practicum in Special Education**—A student practicum in a special education classroom. Three semester hours.

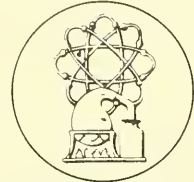


435. **Trends and Issues in Special Education**—Readings and research in special education. One to six semester hours.
441. **Early Childhood Education**—Philosophical and theoretical foundations of early childhood education. Child study and observation in off-campus kindergarten are required. Two semester hours.
442. **Methods and Materials for Kindergarten**—Observation and participation in kindergarten. Basic needs and characteristics of three-, four-, and five-year-olds in all areas of development; the kindergarten program; curriculum, routine activities, records, and parent-teacher relationships will be emphasized. Two semester hours.
443. **Early Childhood Practicum**—A two-hour-a-day experience, lasting for one semester, in a student teaching situation at the early childhood level. Three student hours.
461. **Directed Teaching K through 12**—Teaching at both the elementary and secondary levels in the public schools. The teaching experience is supervised by the classroom teacher with the aid of the college supervisor and the major professor. Eight semester hours.
470. **The Teaching of High School Reading**—A treatment of both the developmental and remedial program in high school. Observation will be made of high school pupils, and practice in diagnosing individual and group difficulties will be offered. Provision will be made for laboratory experience. Three semester hours.
471. **Materials and Methods in Specific Secondary Subject Areas**—Courses in materials and methods in the specific subject matter areas in which Milligan College offers secondary teacher education programs. Three semester hours.
472. **Materials and Methods of Secondary Education**—A study of the materials and methods of secondary education with specific attention to curriculum construction and the solution of problem situations. Two semester hours.
481. **Directed Teaching in the Secondary School**—Teaching in the public school under the supervision of the classroom teacher with the aid of the college supervisor and major professor. Teaching may be done at two levels. Eight semester hours.
490. **Modern Educational Problems**—A survey of modern educational problems. The course may be an intensive supervised individual study or a seminar with regular meetings throughout the semester. One to six semester hours.



Dr. Richard Lura

Area of Scientific Learning



Dr. Eddie Leach, Chairman

The study of nature in modern times has yielded unprecedented knowledge of the physical, chemical, and biological aspects of the universe. Perhaps the distinguishing feature of life in the twentieth century is the ever-increasing knowledge of natural forces and resources. Man has felt both elated and dismayed by what such knowledge reveals. Effort is made in the teaching of science in Milligan to acquaint the student with the basic phenomena of science so that he may develop a better understanding of the environment as a unified system.

BIOLOGY

The biological studies seek to acquaint the student with the basic phenomena pertinent to an understanding of the living world. The relationships of chemistry and physics to the living activity and survival are stressed, and the student is made aware of his role in the environment. It gives attention to the student who is interested in a general grasp of the field, as well as those who are directing their activity to medicine, dentistry, or some specific area of the biological discipline. Students interested in a biology degree should see a member of the biology faculty early in their program.

The Bachelor of Arts degree in biology is designed for those seeking sufficient training in the field to enable them to teach the science in an elementary or secondary school. It is to be considered as a terminal program and is not designed to prepare the student for pursuing an advanced degree in biology or for a medical career. The requirements for the Bachelor of Arts degree in biology consist of twenty-four hours of biology courses which must include Biology 110, 120, 140, 210, 250, and 251; fourteen hours of chemistry, including Chemistry 251; and Mathematics 110 or 111 and 112.

The Bachelor of Science degree should be sought by those who wish to continue their studies in biology for an advanced degree and by those who plan to enter a medical field of study. The requirements for the Bachelor of Science degree are thirty-six hours of biology courses which must include Biology 110, 120, 140, 210, 220 or 240, and 310; a minor in chemistry, including Chemistry 301 and 302; Mathematics 110 or 111 and 112, with calculus recommended, and Physics 201, 202.

The Bachelor of Science requirements for a student who intends to major in biology and teach in elementary school are twenty-four hours in biology, which must include Biology 110, 120, 140, 210, and 350; Physical Science 103; and Mathematics 103-104, or 110 or 111-112.

After evaluation of each student's curriculum, the biology faculty may require additional courses in order to assure that the student will be adequately prepared to enter his chosen field of study.

A biology minor must include Biology 110, 120, 140, and two elective four-hour courses.

No more than four hours credit in either Biology 215 or 490 or a combined total of six hours in both courses may be applied toward the requirements for a major in biology. Credit in 215 or 490 may not be applied toward a minor in biology.

110. Human Biology—A study of fundamental biological concepts of particular relevance to man and his place in the living world. Included are discussions of the present and future status of the survival of man in a world of increasing biological problems. Four semester hours. (Fall, Summer).

120. **Botany**—An intensive survey of the Plant Kingdom. Prerequisite: Biology 110. Four semester hours. (Spring, Summer).
140. **Zoology**—An intensive survey of the Animal Kingdom. Prerequisite: Biology 110. Four semester hours. (Spring, Summer).
210. **Genetics**—Fundamental principles of heredity with related statistics and probability. Prerequisite: Eight hours of biology. Four semester hours. (Spring).
215. **Field Studies in Biology**—An analysis of selected biological problems and/or an in-depth study of unique ecosystems. Subject content will vary according to selected topics. The course is conducted at an off-campus location, and additional expenses may be incurred by the student for travel. A student may not accumulate more than four hours credit in this course. This course should not be used to satisfy college degree requirements in science except by permission of the area chairman. Prerequisite: Biology 110 or consent of instructors. One to four semester hours.
220. **Plant Taxonomy**—Comprehensive study of plant identification and classification. Prerequisite: Biology 120. Four semester hours. (Fall).
240. **Comparative Vertebrate Anatomy**—A comparative study of the embryologic and phylogenetic development of the principal systems of selected classes of vertebrates. Prerequisite: Biology 140. Four semester hours. (Fall).
- 250-251. **Anatomy, Physiology, and Kinesiology**—A study of the structure and function of the organ systems of mammals with special reference to human anatomy and physiology. The course is designed for those seeking a Bachelor of Arts degree in biology and for those pursuing nursing, physical therapy, medical technology, or a physical education career. It is not acceptable for credit toward Bachelor of Science degree with a major in biology. Prerequisite: Biology 110. Four semester hours each semester. (Fall, Spring, Summer).
290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
310. **Cell Physiology**—A comprehensive study of cell structure and function with special emphasis on metabolism and related biochemical principles. Prerequisites: Chemistry 301, or concurrent registration, and at least twelve hours of biology. Four semester hours. (Fall).
340. **Animal Physiology**—A study of the function and structure of the organ system of vertebrates in general, but with emphasis on mammals. Prerequisite: Biology 310. Four semester hours. (Spring of odd numbered years).
341. **Animal Histology**—A study of the microscopic structure of the various types of tissues found in vertebrates. Prerequisites: Eight hours of biology and eight hours of chemistry. Four semester hours. (Alternate years on demand).
342. **Vertebrate Embryology**—A study of the general principles of vertebrate development from the formation of gametes to the formation of tissues and organs. Prerequisite: Biology 240 or permission of the instructor. Four semester hours. (Spring of odd numbered years).
350. **Science for the Elementary School**—An emphasis on the coordination of science content and teaching techniques for the elementary school teacher. The course is designed for students working toward a degree and who plan to teach science in elementary schools. Prerequisites: Biology 110 and Physical Science 103 or the equivalent. Four semester hours. (Spring, Summer).
360. **Ecology**—Relations between organisms and their environment, factors affecting plant and animal structures, behavior and distribution, energy and material cycles, and populations. Prerequisite: Biology 120, 140. Four semester hours. (Fall).

- 362. Vertebrate Field Biology**—A survey of the native vertebrate animals with emphasis on collecting, preservation, identification, and taxonomic relationships. Prerequisite: Biology 140. Four semester hours. (Spring of even numbered years).



- 364. Limnology**—A study of methods and research problems in lake biology. This course is taught at the Mid-Appalachian Field Teaching and Research Center. Prerequisites: Biology 120 and 140. Five semester hours. (Summer).
- 368. Field Biology**—Any additional course(s) taken at the Mid-Appalachian Field Training and Research Center. Prerequisites: Biology 120 and 140. Four semester hours per course. (Summer).
- 380. Microbiology**—A basic course in the study of microbiology. It includes the preparation of media, sterilization, and the isolation, culture, staining, and identification of micro-organisms. Prerequisite: Permission of the instructor. Four semester hours. (Spring).
- 440. Endocrinology**—The structure and function of the endocrine glands with emphasis on their control and integration of biological processes. Prerequisite: Biology 340. Four semester hours. (On demand).
- 490. Research Problem**—Research on special problems in biology under direct supervision of a faculty member. Prerequisites: Twenty-four hours of biology courses and consent of biology faculty member to direct the research problem. One to four semester hours. (Fall, Spring, Summer).

CHEMISTRY

The chemistry curriculum is designed for the student planning a career in industry, research, engineering, teaching, or the biological sciences. It also contributes to the appreciation of this science as it applies to daily life.

The chemistry major leading to the Bachelor of Arts degree consists of twenty-four hours. Mathematics 110 or Mathematics 111 and 112 are required.

The chemistry major leading to the Bachelor of Science degree consists of thirty-four hours which must include Chemistry 103-104, 202, 301-302, 401-402; Mathematics through calculus, and Physics 201 and 202.

The chemistry minor consists of eighteen hours including Chemistry 103 and 104.

- 103-104. Inorganic Chemistry**—A study of the principles of inorganic chemistry including qualitative analysis. Five semester hours each semester. (Fall).
- 150. Inorganic Chemistry**—A one semester survey of the principles of organic chemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours. (Fall).
- 202. Quantitative Analysis**—A course including representative types of gravimetric and volumetric analysis and a study of the techniques and fundamental principles of analytical chemistry and the stoichiometric problems. Four semester hours. (Fall).
- 251. Organic and Physiological Chemistry**—A one semester survey of organic chemistry and elementary biochemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours. (Spring).
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. Organic Chemistry**—The preparation, properties, structure, and reactions of organic compounds. Aliphatic compounds are studied in the first semester and the aromatic compounds in the second. Prerequisite: Chemistry 103-104. Four semester hours each semester (Fall, Summer).
- 310. Biochemistry**—A comprehensive study of the chemical processes taking place in living cells with special emphasis on metabolism and related chemical principles. Prerequisites: Chemistry 302 or concurrent registration and at least eight hours of biology or the consent of the instructor. Four semester hours. (Fall).
- 311. Organic Qualitative Analysis**—A course in the standard methods of identification of organic compounds. Prerequisite: Chemistry 302 or concurrent registration. Four semester hours. (Spring of alternate years).
- 401-402. Physical Chemistry**—The study of the states of matter, elementary thermodynamics, solutions, electromotive force, chemical and ionic equilibria, colloids, and atomic and nuclear structure. Prerequisites: Chemistry 104, 202, and Physics 201-202. Four semester hours each semester. (Fall).
- 405. Advanced Inorganic Chemistry**—A systematic study of the elements including atomic structure, bonding, molecular structure, and the Periodic Table. The laboratory consists of selected inorganic preparations. Prerequisite: Chemistry 202. Four semester hours. (Spring of alternate years).
- 490. Research Problem**—Research on special problems in chemistry under the direct supervision of an instructor. Prerequisite: Twenty hours of chemistry and consent of faculty member to direct the research problem. One to four semester hours. (Fall, Spring, Summer).

MATHEMATICS

The aims of the mathematics program at Milligan College are to develop a systematic basis for logical reasoning, to promote an attitude of unprejudiced inquiry, to provide a general mathematical foundation for life's activities, to supply the working tools for other disciplines, and to promote a desire for further investigation and study.

A major in mathematics shall consist of thirty semester hours which must include Math 111, 112, 209, and 210. A minor shall require twenty-four semester hours which must include Math 111, 112, and 209. Math 111-112 will be waived for students who exhibit adequate proficiency.

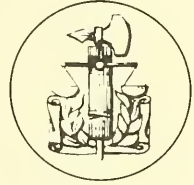
- 103-104. Fundamental Concepts**—A study of the real numbers and elementary geometry. As tools for the development of the real numbers and the geometry, a study is made in detail of set theory and logic. Both deductive logic and inductive properties are studied. Special attention is given to numeration and to language of definition. Each number system (real, rational, integers, whole numbers, and natural numbers) is developed from the succeeding system by definition. Three semester hours each semester. (Fall, Spring, and Summer).
- 108. Business Mathematics**—A study of mathematical tools directly related to the field of management and finance, including a study of percent, simple and compound interest, simple and general annuities, amortization, depreciation and capitalization. For business majors and teacher certification only. Three semester hours. (Fall and Summer by demand).
- 110. Algebra and Trigonometry**—A study of real numbers, functions, exponents, exponential and logarithmic functions, trigonometric functions, complex numbers, theory of equations, systems of equations, permutations, combinations, the binomial theorem, probability, sequences, inverse functions, and trigonometric equations. Five semester hours. (Summer by demand).
- 111. Algebra**—A study of mathematical methods, the natural numbers, rational numbers, real numbers, relations and functions, algebraic expressions, polynomials, complex numbers, fractions, exponents and radicals, equations, matrices and determinants, progressions, permutations, combinations and probability. Three semester hours. (Fall).
- 112. Trigonometry**—A study of trigonometric functions, triangles, exponents and logarithms, identities, inverse trigonometric functions, complex numbers, and trigonometric equations. Two semester hours. (Spring).
- 121. Math for the Liberal Arts**—An informal survey of sets, logic, geometry, probability, statistics, linear programming, and computer science. Not open to math or science majors. Prerequisite: High school algebra. Four semester hours. (Fall, Spring, and Summer).
- 201. Introduction to Computer Science**—A general introduction to the concepts and basic features of the electronic computer. The student learns basic computer language and algorithms by their application in constructing workable programs. One or two semester hours. (Fall, Spring, and Summer by demand).
- 209. Analytics and Calculus I**—A study of functions, limits, derivatives, and integrals—their definition, calculation and application, transcendental functions, and the conics. Six semester hours. (Fall).
- 210. Analytics and Calculus II**—A study of indeterminate forms, Taylor's formula, infinite series, plane curves, three-dimensional analytic geometry, calculus of functions of several variables, and differential equations. Six semester hours. (Spring).
- 214. Statistics**—A study of probability distributions and inferential as well as descriptive statistics. Topics such as frequency tables, measures of central tendency and dispersion, confidence intervals, and tests of hypothesis are

- included. Recommended for math majors. Three semester hours. (Fall, Spring, and Summer by demand).
215. **Modern Geometry**—A study of axiomatics, logic, Euclidean and non-Euclidean geometries from a historical viewpoint. Euclidean incidence, betweenness, congruence, and separation are studied along with models for non-Euclidean geometries and their impact on mathematical thought. Recommended for prospective teachers of mathematics. Offered alternate years. Three semester hours.
290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
305. **Differential Equations**—A study of the differential equations, their meaning, types of solution, and uses. Recommended for math majors and minors interested in chemistry and applied math. Prerequisite: Math 210. Three semester hours.
307. **Linear Algebra**—A study of vector spaces, matrices and linear systems, determinants, inner products, and linear transformations. Recommended for all math majors. Offered alternate years. Three semester hours.
308. **Modern Algebra**—A study of algebraic structures such as rings, fields, groups, and integral domains. Recommended for math majors. Offered alternate years. Three semester hours.
310. **Topology**—A study of open sets, closed sets, functions, continuity, compactness, connectedness, product spaces, and homomorphism. Offered alternate years. Three semester hours.
390. **Mathematical Logic**—(See Philosophy 390).
408. **Numerical Analysis**—A study which enables one to write mathematical processes such as integration, differentiation, matrix inversion, and estimation of roots, with arithmetic operations. Study includes orientation toward machine computation. Prerequisite: Math 210. Offered alternate years. Three semester hours.
411. **Introduction to Analysis**—Topological preliminaries, convergence, continuity, differentiability, the Riemann integral, sequences and series of functions, measure and generalized integration. Prerequisite: Math 210. Offered alternate years. Three semester hours.
- 415A, B, C. **Independent Work in Mathematics**—Individual work offered on demand. Topics such as number theory, projective geometry, multivariable calculus, linear programming, game theory, and complex variables are possibilities. Prerequisite: Major with 3.0 grade point average in math. Offered alternate years. One to three semester hours.

PHYSICS

103. **Physical Science**—A study of basic concepts in physics, chemistry, geology, astronomy, and chemistry. Not applicable toward a major or minor in biology or chemistry. Four semester hours.
- 201-202. **General Physics**—The fundamental principles of mechanics, sound, and heat the first semester. Light and the elements of magnetism and electricity are considered in the second semester. Prerequisite: a knowledge of plane geometry and trigonometry. Four semester hours each semester.
290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

Area of Social Learning



Dr. Orvel Crowder, Chairman

The social learning program of Milligan College is designed to provide for the student a broad and appreciative understanding of man in his social relationships. The approach is both humane and scientific. The purpose of the discipline is to develop the student's comprehension of contemporary problems and to motivate him to seek their solutions in terms of Christian ethics.

ECONOMICS

For course descriptions in Economics see the Area of Professional Learning, Economics:

Economics 201-202	Principles of Economics
Economics 301	Corporation Finance
Economics 302	Financial Management
Economics 304	Government and Business
Economics 311	History of Economic Thought
Economics 312	Economic History of the United States
Economics 401	Labor Economics
Economics 402	Public Finance
Economics 403	Money and Banking
Economics 415	International Economics
Economics 451	Comparative Economic Systems

GOVERNMENT

- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 303. American National Government**—A survey of the principles of the American federal system and a study of the structure and function of the national government. Three semester hours.
- 304. Government and Business**—A survey of governmental regulation of economic activity, such as public utilities, transportation, security issuance and commodity markets, competitive practices, and agriculture with brief reference to labor and total wartime controls. Both the economic and political effects of such regulation are considered. Three semester hours.
- 311. State and Local Government**—A study of the structure and function of state and local governments in the United States and the political environment in which they exist. Three semester hours.
- 401. Comparative Government**—An analysis of the theory, structure, and functioning of the governments of the United Kingdom, France, Germany, and the Soviet Union with brief treatments of Japan, Norway, Sweden, Canada, India, and the Latin American republics. Prerequisite: Government 303. Offered alternate years. Three semester hours.
- 402. Political Theory**—A study of the contributions to political thought of the principal philosophers from ancient through modern times with selected readings from representative writers. Offered alternate years. Three semester hours.

- 403. American Constitutional Law**—A survey of the historical development of the American Constitution with emphasis on the role of the judicial branch of the government as arbiter in determining the respective limits on national and state power, in protecting the individual against that national and state activity which offends the Bill of Rights and other constitutional guarantees of liberty and property, and in securing civil rights. Selected court cases will be studied. Three semester hours.
- 490. Readings in Government**—Supervised independent readings for a greater depth or a different approach than provided in other courses. One to three semester hours.
- 491. Fieldwork**—A practicum experience that will involve the student in a position in government under adequate supervision for the joint purposes of learning about government and possible occupational choices. One to three semester hours.



HISTORY

An adequate understanding of the present and an intelligent shaping of the future depend upon the knowledge of history. It is, therefore, in keeping with the mission of Milligan College that a sound program of historical study be offered. The major in history consists of thirty hours, of which six will normally be included in the two year Humanities sequence. History majors will advance toward the Bachelor of Arts degree. Fifteen hours must be at the 300 level or above. History 309-310 is required for both the major and the minor.

The minor in history consists of eighteen hours, of which six may be included in the two year Humanities sequence.

- 223. History of Greece**—An in-depth study of the Greek world from its foundation through the Hellenic age, to the Hellenistic era with special reference to the various cultural strains contributing to the Greek Experience. The Grecian influence upon the Near Orient is traced. Two semester hours.

224. **History of Rome**—A survey of Rome's progress from Republican times to its decline and replacement by the Germanic kingdoms in the fourth and fifth Christian centuries. Two semester hours.
271. **History of Christian Missions**—(See Christian Ministries 271). Not applicable toward history major or minor.
290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 303-304. **Introduction to African Studies**—An overview of African cultures and civilizations from earliest time to the present. Three semester hours each semester.
306. **Medieval History**—A study of the development of western culture from the beginning of the Roman Empire to 1500. The degeneration of Roman institutions with consequent feudalism is carefully traced. The commercial revival and cultural revolution is studied, along with other factors leading toward the Protestant Reformation. Three semester hours.
308. **Contemporary History**—A study of events, ideas, and institutions since 1870 with particular attention to the continuing growth of nationalism, world organizations, technological changes, and totalitarianism. Three semester hours.
- 309-310. **American History**—A study of the history of the United States from the Colonial Period to World War II with special reference to the history of Tennessee. Careful study is given to the growth of American political institutions and to the social and economic life of the people of the United States. Three semester hours each semester.
311. **History of Economic Thought**—(See Economics 311).
312. **Economic History of the United States**—(See Economics 312).
313. **Problems of Contemporary Civilization**—An advanced study of selected problems of the present era such as revolution, nationalism, and colonialism. Offered alternate years. Three semester hours.
321. **History of the Renaissance**—A study of the transition from the Middle Ages to the Modern World emphasizing cultural change from 1300 to 1600. Three semester hours.
- 331-332. **History of England**—The story of England from the earliest times to the present, emphasizing the English constitutional development, the concept of representative government, and the building of the Empire. Prerequisite: Humanities 101-102 is desired. Offered alternate years. Three semester hours each semester.
- 341-342. **Church History**—A study of the history of the church from its beginning to the Reformation. Consideration is given to the causes, principles, and history of Protestantism. Prerequisite: Humanities 101-102. Three semester hours each semester.
351. **History of the Reformation**—A study of the religious revolution of the sixteenth century emphasizing both traditional reformers and reformers in the "free-church" tradition. Three semester hours.
- 361-362. **History of Russia**—A survey of the history of Russia with emphasis upon major developments in the modern and contemporary scene. Offered alternate years. Three semester hours each semester.
371. **American Colonial Period**—A study of American colonial history beginning with the establishment of North American colonies and concluding with the American Revolution with an emphasis upon factors in this period having an effect upon American growth and development. Three semester hours.



376. **Jefferson to Jackson**—A study of the period between the lives of Thomas Jefferson and Andrew Jackson with attention given to the ideas and events which resulted in the emergence of the nation and the development of the frontier. Three semester hours.
381. **The Revolutionary Era**—A study of the emergence of democratic ideas, the Industrial Revolution, the emergence of nationalism, and the role of political and cultural revolution in Europe from 1760 to 1870. Three semester hours.
- 401-402. **Intellectual History of the Western World**—A study of the development of selected ideas within western culture and an evaluation of their impact upon the modern world. Offered alternate years. Two semester hours each semester.
- 403-404. **Historiography**—An advanced study of the principles of historical investigation and research. Offered alternate years. One semester hour each semester.
411. **Civil War and Reconstruction**—An examination of the political, social, and economic forces leading to the disruption of the Union. A study is included of the military action resulting from secession, the factors contributing to the ultimate victory of the Union, and the problems of reconstruction facing the nation. Three semester hours.
412. **Recent American History**—A study of the political, economic, diplomatic, and social history of the United States since 1933 with special emphasis on the period since World War II. Three semester hours.
421. **History of the Ancient Near East**—The history of the emerging Mesopotamian civilization from earliest times through the fall of the Sassanid Persian Empire. The diffusion of this civilization into the rest of the Near East is traced. Two semester hours.
422. **Cultural History of the Ancient Near East**—An examination of the ancient Near Eastern response to life as revealed in myth and epic, belles lettres, religion, institutions, and sociological patterns. Two semester hours.
423. **Early and Medieval Islamic History**—An analysis of Islam's origins, within the Near Eastern cultural complex and its course of conquest through the Near East until the Ottoman Turkish Empire. Emphasis is given to Moslem contribution to Western Civilization. Two semester hours.
424. **Modern Near Eastern History**—An appraisal of the Near Eastern role in the Western World from the Ottoman Turkish Empire through the present Arab-Israeli confrontation. Two semester hours.
- 431-432. **Reformation of the Nineteenth Century**—A study of the background, issues, and courses of the nineteenth and twentieth century efforts to restore New Testament Christianity. Prerequisite: History 341-342. Not applicable toward a history major or minor. Three semester hours each semester.
- 441-442. **Seminar Studies in History**—Analysis of selected problems relating to significant aspects of thought and life. Subjects of study vary each semester according to the particular interests of students in the seminar. Three semester hours each semester.
445. **Historical Research**—Study of the theory and exercise in the practice of original historical research. Prerequisite: A grade point average of 3.0. Three semester hours.
446. **Historical Readings**—A concentrated program of readings in history and its related fields, designed to broaden perspectives and to deepen insights. Prerequisite: A grade-point average of 3.0. Three semester hours.

Human Relations Majors

The Sub-Area of Human Relations provides a major and a minor in human relations with curricula leading to B.S. and B.A. degrees. The major enables students to develop specialty programs in psychology, sociology, social agency administration, youth leadership, or government/business leadership. The B.S. degree requires 36 hours. The B.A. degree requires 27 hours with a foreign language in Tracks I, II, and III and 30 hours with a foreign language in Tracks IV and V. A major in human relations requires a program of 12 hours of core courses which are Psychology 155, 350 and Sociology 201, 303. Remaining courses for an elective must be taken from the specific courses listed for that track and must be arranged in consultation with the Area Chairman. Students may not major in one track while minoring in a different track of the human relations program. Students electing Track V may not use any courses counted toward the major as meeting minor requirements.

Core Courses

Psy. 155 (3 hours)	Soc. 201 (3 hours)
Psy. 350 (3 hours)	Soc. 303 (3 hours)*

HUMAN RELATIONS

Track One: Psychology	Track Two: Sociology and Anthropology	Track Three: Social Agencies***	Track Four: Youth Leadership	Track Five: Government/Business Leadership
Required Courses: (9-10)	Required Courses: (9)	Required Courses: (9)	Required Courses: (16-17)	Required Courses: (18)
Psy. 250	Soc. 210	Soc. 311	H&PE 203, 300, or 301	B.Adm. 361
Psy. 259**	Soc. 401	Soc. 403	H&PE 409	B.Adm. 363
Psy. 358	Soc. 451	Soc. 451	Psy. 452	Econ. 201
Suggested		Suggested	R.E. 317	Econ. 202
Electives:	Suggested	Electives:	Soc. 426	Gov. 404 or 311
Math 214	Electives:	Psy. 250	Suggested	Gov. 491 or
Psy. 252	Math 214	Psy. 252	H&PE 111	B.Adm. 491
Psy. 352	Soc. 311	Psy. 352	R.E. 318	
Psy. 353	Soc. 312	Psy. 353	Soc. 311	Suggested
Psy. 401	Soc. 314	Psy. 401	or 411	Electives:
Psy. 404	Soc. 360	Psy. 458	H&PE 311	Other B.Adm. and
Psy. 405	Soc. 403	Soc. 210	Soc. 312	Econ. courses
Psy. 427	Soc. 413	Soc. 312	Psy. 250	Other Gov.
Psy. 452	Soc. 414	Soc. 411	Psy. 353	courses
Psy. 454	Soc. 421	Soc. 413	Psy. 358	Psy. 404
Psy. 456	Soc. 426	Soc. 491	Psy. 404	Soc. 421
		Soc. 413	Psy. 405	Soc. 426
		Soc. 416	Psy. 458	Soc. 490
			R.E. 261	Soc. 491

*Government 303 is substituted for Soc. 303 (Core Course) in Track V.

**Students certifying to teach may substitute Psy. 454 for Psy. 259.

***For those interested in agency and institutional management, a minor in Business Administration is suggested.

Human Relations Minors

The Sub-Area of Human Relations provides a major and a minor in human relations with curricula leading to B.S. and B.A. degrees. A minor in human relations is 18 hours including the required courses for the track selected. Only those electives specifically listed may apply to the minor and are to be arranged in consultation with the Area Chairman.

Track One: Psychology	Track Two: Sociology and Anthropology	Track Three: Social Agencies	Track Four: Youth Leadership
<p>Required Courses: (9) Psy. 155 Psy. 350 Soc. 201</p> <p>Recommended Electives: (9) Math 214 Psy. 250 Psy. 252 Psy. 358 Psy. 452 Soc. 201 Soc. 303 Soc. 426</p> <p>Other Possible Electives: Any other Psy. course Soc. 210 Soc. 360 Soc. 414</p>	<p>Required Courses: (12) Psy. 155 Soc. 201 Soc. 303 Soc. 350</p> <p>Recommended Electives: (6) Math 214 Psy. 250 Soc. 210 Soc. 301 Soc. 311 Soc. 314 Soc. 426</p> <p>Other Possible Electives: Any other Soc. course</p>	<p>Required Courses: (12) Psy. 350 Psy. 352 Soc. 201 Soc. 303</p> <p>Recommended Electives: (6) Gov. 304 Psy. 250 Psy. 353 Psy. 458 Soc. 201 Soc. 311</p> <p>Other Possible Electives: B.Adm. 361 B. Adm. 362 B.Adm. 401 B.Adm. 402 Econ. 201-202 Psy. 401 Any other Soc. course</p>	<p>Required Courses: (18) H&PE 409 Psy. 350 Psy. 452 Soc. 201 Soc. 303 Soc. 426</p> <p>Recommended Electives: H&PE 111 or 411 H&PE 203, 300, and 301 H&PE 311 H&PE 409 Psy. 250 Psy. 261 Psy. 252 Psy. 353 R.E. 251 R.E. 317 R.E. 318 Soc. 201</p> <p>Other Possible Electives: Psy. 358 Psy. 404 Psy. 405 Psy. 458 R.E. 304 R.E. 308 Any other Soc. course</p>

PSYCHOLOGY

The course-offerings in psychology are designed to meet the needs of those who are preparing for graduate study in psychology, as well as to serve students for whom psychology is one of the important dimensions of a liberal arts education. While the major orientation is Christian and humanistic, a thorough understanding of the behavioristic approach is believed to be essential.

Those certifying to teach may substitute up to 8 hours of courses in education for courses in psychology for a Track One human relations major.

155. **The Psychology of Adjustment**—A study of basic principles of personality adjustment. Emphasis is upon personal application of concepts related to topics such as interpersonal communication, abnormal behavior, self-concept, and social interaction. Three semester hours.
250. **General Psychology**—An introduction to the discipline of psychology. The study covers the background, methodology, and major findings from each of the major sub-areas of psychology. Three semester hours.
252. **Developmental Psychology**—Origins of psychological processes and general genetic principles and development of the individual in physical, lingual, social, intellectual, emotional, and personal areas. The course is offered under the direction of either the Psychology or Education areas. Unless the student plans to certify as a teacher, it should be taken under a professor in Psychology. In Education: Four semester hours. In Psychology: Three semester hours.
259. **Experimental Psychology**—A study of research methodologies in psychology, with special emphasis upon experimentation. The study covers research planning, experimental design, data collection and analysis, and the construction of models and theories. Laboratory work emphasizes application of these concepts. Prerequisite: Psychology 250 or concurrent enrollment. Four semester hours.
290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
350. **Social Psychology**—A study of the findings of science with regard to the individual in society. Some emphasis is given to research and experimentation. Three semester hours.
352. **Industrial and Business Psychology**—A study of the practical applications of psychological principles in industry, business, advertising, and the professions. Three semester hours.
353. **Personality Theory**—A course designed to acquaint the student with the important theories of personality structure and development as they apply to personal adjustment and human relations in contemporary society. Prerequisite: Psychology 250. Three semester hours.
358. **Abnormal Psychology**—A careful consideration of the data and principles which have proved helpful in interpreting deviations from normal behavior. Three semester hours.
401. **Systems and Theories**—An overview of the major systems and theories of contemporary psychology, with in-depth study in areas of specialization, including refresher practicum in statistics and experimentation. Three semester hours.
404. **Educational Psychology**—Treatment of growth and development of children and adolescents with emphasis on the learning process and the evaluation of the educational program. Three semester hours.
405. **Theories of Learning**—A study of both the behaviorist and cognitive approaches to issues in learning, memory, and cognition. The course examines issues from both an empirical and theoretical viewpoint and covers applications of learning theory to areas such as clinical and educational psychology. Prerequisite: Psychology 250. Three semester hours.

- 427. Perception and Physiological Psychology**—A study of the various modes of operation of perceptual systems and the physiological mechanisms that underlie behavior and experience. Topics include human information processing, biological bases of learning, memory, and mental disorders, the central nervous system, and sleeping and dreaming. Prerequisites: Psychology 250 and 259. Three semester hours.
- 452. Pastoral Counseling**—An introductory course, primarily for preministerial students, considering the theory and processes of sound counseling and clinical psychology. Prerequisite: Psychology 358. Three semester hours.
- 454. Introduction to Psychological Testing**—Theory and methods of measuring human behavior, including a survey of representative tests of ability and tests of typical performance. Three semester hours.
- 456. Reading Seminar in Psychology**—Presentations by staff of relevant problems in all areas of psychology and problems involving its communication with other disciplines. One to three semester hours.
- 458. Humanistic Psychology**—A course in the concepts of man, mind, and basic human nature in the light of contemporary psychology. Particular emphasis is given to Existential and Phenomenological insights and their influence on contemporary life and art. Three semester hours.
- 490. Special Problems in Psychology**—Supervised independent readings or minor research on selected problems in the field of psychology. Prerequisite: Consent of instructor. One to three semester hours.
- 491. Field Work in Psychology**—Supervised field work in various institutions and agencies, including children's homes, schools, homes for the aging, delinquency and probation programs as well as work with other agencies. Prerequisite: Consent of instructor. Three to six semester hours.

SOCIOLOGY

- 201. Introduction to Sociology**—Scientific study of human society and the various means by which individuals and groups adjust to each other and to their physical and social environment. Three semester hours.
- 210. Introduction to Cultural Anthropology**—A study of the dynamics of culture and society; folkways, mores, and institutions and their significance for comprehending the variations in contemporary cultural orientations, customs and manners. Three semester hours.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 303. Family**—A study of the social significance of the modern American family viewed in the perspective of its cultural heritage. Three semester hours.
- 311. The Sociology of Crime and Delinquency**—The nature of crime and delinquency, including criminal statistics, casual factors, theories, and procedures in prevention, treatment, and corrections. Prerequisite: Sociology 201. Three semester hours.
- 312. Juvenile Delinquency**—An assessment of the nature of the delinquency problem, major sociological causes and their implications for control, and the administration of juvenile justice. There will be field contacts with juvenile counselors and the Johnson City Juvenile Court. Three semester hours.
- 314. Race and Ethnic Relations**—Racial and cultural contacts and conflicts, including an analysis of prejudice and discrimination, status and participation of minority groups, and national and international aspects of minority problems. Prerequisite: Sociology 201. Three semester hours.

350. **Social Psychology**—(See Psychology 350). Does not meet general education requirements for sociology, economics, or government. Three semester hours.
360. **Problems of Cross-Cultural Communication**—Inductive and theoretical analysis of the problems encountered in the communication of ideas across culture boundaries, their basis and origin, their consequences and approaches to overcoming them. Prerequisite: Sociology 201. Three semester hours.
401. **Sociological Research**—An introduction to the methods of data collecting and analysis and the interpretation of social data. Required of all majors in Track Two. Three semester hours.
403. **Urban Sociology**—A study of the sociology of urban life, including theories of urban growth, ecology, and dynamics of urban change. Prerequisite: Sociology 201. Three semester hours.
413. **Seminar in Aging and Retirement**—A study of the life-circle, psychological and physiological changes, adaptation to old age and retirement, and disengagement. Prerequisite: Sociology 201 and 303. Three semester hours.
414. **Seminar in Kinship**—Anthropological theories and methods in the study of kinship around the world; an inductive analysis based on ethnographic reports. Prerequisite: Sociology 201. Three semester hours.
421. **Sociology of Religion**—A study of interactive relationships between religious and other social institutions with special attention to the contemporary American religious scene. Three semester hours.
426. **Sociology of Small Groups**—A social-psychological approach to small group dynamics and interaction. Prerequisite: Sociology 201. Three semester hours.
451. **Sociological Theory**—A study of the origin and growth of sociological thought, beginning with Comte, Spencer, and LePlay. Special attention will be given to the contemporary developments in sociological theory. Prerequisite: Consent of the instructor. Three semester hours.
456. **Reading Seminar in Sociology and Anthropology**—A concentrated program of readings in sociology and anthropology for the advanced student designed to broaden perspectives and to deepen insights. Prerequisite: Consent of the instructor. One to three semester hours.
461. **Dynamics of Culture Change**—Identification of the processes of culture change, both internal and external, and critical study of theories offered to account for culture change. Three semester hours.
490. **Special Problems in Sociology**—Supervised independent minor research, reading, or experience in group leadership. Prerequisite: Sociology 201 and the consent of instructor. One to six semester hours.
491. **Field Work in Sociology**—Supervised field work in various institutions and agencies, including children's homes, homes for the aging, delinquency and probation work, as well as work with other agencies. Prerequisite: Sociology 201 and consent of instructor. Three semester hours.

THE INSTITUTE OF WORLD STUDIES/CHURCH GROWTH

In today's world, a growing number of students can look forward to spending part or all of their careers in sociocultural settings different from their own, whether in a foreign country or in their own. Some will enter the service of Christian missions and will be professionally involved in evangelization, church planting, and other aspects of Christian witness. Others will serve their Lord through employment in a host of careers in government, business, the professions, or the academic world. A partial list of agencies which offer interesting and satisfying careers around the world includes the United States Government (Foreign Service, USAID), foreign governments (personnel in medicine and public health, agriculture, education, engineering, etc.), the United Nations (UNESCO, Food and Agriculture Organization, World Health Organization), public and private educational institutions at all levels, and business corporations.

Success in any of these fields depends crucially on the ability to communicate across cultural barriers. The Institute aims to help the student contemplating a career in any of these areas to understand the social, cultural, historical, economic, political, religious, and psychological factors which tend to block and distort or to facilitate cross-cultural communication. The Institute is, therefore, an interdisciplinary program, selecting relevant course options from the fields of anthropology, sociology, history, economics, political science, and religion. Every effort is made to see in these disciplines tools for understanding and service.

The Institute comprises three divisions: Undergraduate, Graduate, and Continuing Education. It also sponsors occasional symposia and lectureships, publishes the quarterly *Milligan Missiogram*, and makes its faculty available to churches and missions for consultation.

The UNDERGRADUATE division leads to the B.A. from Milligan College with a major or minor in world studies. Students planning on a career in Christian mission will also major or minor in Bible. Students planning on other careers will major or minor in an area relevant to their vocational choices. Some of the options offered in course requirements will also depend on vocational interests.

The GRADUATE division leads either to the M.A. in Religion (2 years) or the M.Div (3 years) from Emmanuel School of Religion. Applicants are expected to meet the entrance requirements of Emmanuel and to fulfill the normal general requirements for the desired degree. These general requirements are flexible enough to permit each student to take 24 semester hours in a chosen field of concentration. The Institute courses constitute such a concentration. A thesis is required for each degree.



The division of CONTINUING EDUCATION offers short-term (2-3 weeks) intensive courses, mainly during the summer, either on campus or in other places around the world as arrangements can be made. Each session makes available to missionaries and other interested and qualified persons one of the courses from the graduate division. Academic credit can be arranged for qualified candidates.

Courses of Instruction in the Undergraduate Division

The major in world studies leading to a B.A. consists of 24 semester hours plus 12 hours of a foreign language.

Required Courses

- Soc. 210 Introduction to Cultural Anthropology
- Hist. 313 Problems of Contemporary Civilization or CM 271 History of Christian Missions
- CM 270 Introduction to Christian Mission

One of the following two:

- Soc. 360 Problems of Cross-Cultural Communication
- Soc. 461 Dynamics of Cultural Change

One of the following two:

- Soc. 314 Race and Ethnic Relations
- Soc. 421 Sociology of Religion

One of the following three:

- Gov. 401 Comparative Government
- Rel. 350 Comparative Religion
- Eco. 451 Comparative Economic Systems

A total of 6 hours from the following list:

- WS 400 Area Studies through Reading and Conference
- Soc. 490 Field Work (in an area foreign to the student)
- Hist. 303-304 Introduction to African Studies
- Hist. 424 Modern Near Eastern History
- Bib. 285 or 286 Seminar in Palestine

The minor in world studies consists of 18 semester hours.

Required Courses

- Soc. 210 Introduction to Cultural Anthropology
- Hist. 313 Problems of Contemporary Civilization or CM 271 History of Christian Missions

One of the following two:

- Soc. 360 Problems of Cross-Cultural Communication
- Soc. 461 Dynamics of Cultural Change

One of the following two:

- Soc. 314 Race and Ethnic Relations
- Soc. 421 Sociology of Religion

One of the following three:

- Gov. 401 Comparative Government
- Rel. 350 Comparative Religion
- Eco. 451 Comparative Economic Systems

A total of 3 hours from the following list:

- WS 400 Area Studies through Reading and Conference
- Hist. 304 Introduction to African Studies
- Hist. 424 Modern Near Eastern History

400. Area Studies Through Reading and Conference—Supervised and independent reading or minor research about some area of the contemporary world (e.g. Africa, Asia, Latin America), with oral and/or written reports. Prerequisite: Consent of instructor. One to six semester hours.

THE MILLIGAN COMMUNITY



THE MILLIGAN COMMUNITY

We distinguish those who hold some form of membership in the College as the "Milligan Community." Membership consists of five classifications: trustees, advisers, faculty, students, and alumni. The term "Community" thus refers not to a geographic or social locality but rather to persons sustaining relationship to one another through their membership in the College. These persons are held together by a common heritage, by common ideals, and by commitment to a common ultimate goal. We speak informally of the association as "the Milligan Family." Experience set in such a community is productive of a common spirit, a deep affection, a mutual trust, and enthusiasm in discharging the responsibilities and enjoying the rewards incident to membership in the College.

The Board of Trustees

The trustees are the members of the College to whom are committed the ownership and oversight of the physical property of the College and the responsibility of electing the officers of administration and of instruction. Upon recommendation of the faculty, they authorize the advancement of candidates to the degree for which they have qualified. The Board of Trustees is self-perpetuating. Members are chosen from the Advisers for their commitment to the purpose of the College.

The Trustees, January 1978

Robert H. Alexander, Executive Director, Southern California Evangelistic Association, Torrance California

Robert E. Banks, **Secretary**, Attorney, Elizabethton, Tennessee

Russell F. Blowers, Minister, East 91st Street Christian Church, Indianapolis, Indiana

Samuel C. Bower, **Vice Chairman**, Physician, Mill Hall, Pennsylvania

James Burleson, Senior Vice President and Senior Trust Officer, Hamilton National Bank, Johnson City, Tennessee

Theodore Cord, Minister, First Christian Church, Granbury, Texas

Jordan Crouch, Executive Vice President and Secretary, Nevada Bankers Association, Reno, Nevada

John Davis, Executive, Delta Airlines, East Point, Georgia

Henry Gruenberg, Retired, Flanagan, Illinois, and North Miami, Florida

Harry J. Guion, Insurance Agent, Indianapolis, Indiana

Howard Hauser, President, Brown and Hauser Auto Sales, Inc., Corning, New York

Ard Hoven, Minister, First Christian Church, Columbus, Indiana

Steve Lacy, Business Executive, Johnson City, Tennessee

Leslie L. Lumsden, Retired, Punta Gorda, Florida, and Elizabethton, Tennessee

Howard C. McCorkle, Educational Consultant, Johnson City, Tennessee

Mrs. L. W. McCown, Historian and Church Woman, Johnson City, Tennessee

James H. Magness, President, The Forest Hill State Bank, Forest Hill, Maryland

Jack R. Musick, **Treasurer**, Circuit Court Judge, Elizabethton, Tennessee

Wade Patrick, Businessman, Johnson City, Tennessee

Mrs. B. D. Phillips, **Chairman**, Educator and Church Woman, Butler, Pennsylvania

W. V. Ramsey, Merchant, Mountain City, Tennessee

Ralph Small, Vice President and Publisher, Standard Publishing Company, Cincinnati, Ohio

Robert L. Taylor, United States District Court Judge, Knoxville, Tennessee

Roy True, Public Accountant, Johnson City, Tennessee

George Walker, Insurance Executive, Canton, Ohio

Frank L. Wiegand, Attorney, Pittsburgh, Pennsylvania

Trustees Emeriti

Jack Covington, Contractor, Winston-Salem, North Carolina

W. H. MacDonald, Retired, Johnson City, Tennessee

John U. Phelps, Minister, Clemmons, North Carolina

James L. Tarwater, Executive, Roane Hoisery Mills, Harriman, Tennessee

The Advisers, January 1978

- Ron Adams, District Supervisor, Connecticut Mutual Life, Las Vegas, Nevada
Charles E. Allen, Physician, Johnson City, Tennessee
Sylvan Amstutz, Businessman, Orrville, Ohio
William Anderson, Minister, First Christian Church, Erwin, Tennessee
John Banks, Attorney, Elizabethton, Tennessee
James Barton, Minister, First Christian Church, Nashville, Tennessee
Clyde Broyles, Jr., Businessman, Elizabethton, Tennessee
Melvin Bryant, Minister, First Christian Church, Salem, Missouri
H. A. Bullis, Minister, Mountain Christian Church, Joppa, Maryland
Wade Bunting, Real Estate Development, Greensboro, North Carolina
Laurel Carr, Vice President, Bell Company, Chicago, Illinois
William S. Carter, Businessman and Philanthropist, Dallas, Texas
Floyd Collins, Collins Brothers Oil Co., Mt. Vernon, Illinois
E. Richard Crabtree, Minister, First Christian Church, Canton, Ohio
Horace (Butch) Dabney, Central Office Supply Co., Inc., Louisville, Kentucky
Glen Daugherty, Minister, Mt. Bethel Christian Church, Limestone, Tennessee
Harold Devault, Businessman, Concord, Tennessee
Wayne Emery, Minister, Central Holston Christian Church, Bristol, Tennessee
James Evans, Minister, Westside Christian Church, East Point, Georgia
W. Edward Fine, Minister of Education, Central Christian Church, St. Petersburg, Florida
Jack Gilbert, Financial Coordinator, Allison Division, General Motors, Indianapolis, Indiana
Charles Gresham, Educator, Kentucky Christian College, Grayson, Kentucky
Ann Hall, Businesswoman, Las Vegas, Nevada
John Hart, Retired, Johnson City, Tennessee
Fred I. Head, Senior Advisor, U.S. Government—Office of Economic Opportunity, Peachtree City, Georgia
Henry Hill, Minister, Downtown Christian Church, Johnson City, Tennessee
W. E. Hyder, Retired, Johnson City, Tennessee
Gary Jenkins, Minister, First Christian Church, Auora, Illinois
Dave Johnson, Student representative, Milligan College, Tennessee
E. P. (Penny) Jones, Executive, Boy Scouts of America, Atlanta, Georgia
Robert L. Kroh, Minister, Central Christian Church, Las Vegas, Nevada
James Landrum, Minister, First Christian Church, Norfolk, Nebraska
Marshall Leggett, Minister, Broadway Christian Church, Lexington, Kentucky
Jack C. Leimbach, Minister, Church of Christ, Mill Hall, Pennsylvania
John V. Long, Minister, First Christian Church, Brook, Indiana
Kent E. McQuiston, Accountant, Indianapolis, Indiana
David Marler, Chaplain, Veteran's Administration, Indianapolis, Indiana
Donald Marshall, Minister, First Christian Church, Elizabethton, Tennessee
Richard Marshall, Minister, First Christian Church of Mountain City, Mountain City, Tennessee
Kenneth A. Meade, Minister, Church of Christ at Manor Woods, Rockville, Maryland
Gordon Mehaffey, Minister, First Christian Church, Dodge City, Kansas
Galer Miller, Package Development Engineer, Eli Lilly & Company, Indianapolis, Indiana
Tracey Miller, President, Intermountain Bible College, Grand Junction, Colorado
Warren Miller, Medical Resident, Indianapolis, Indiana
John Mills, Minister, First Christian Church, Chicago, Illinois
John Newman, Businessman, Brownsburg, Kentucky
William O. Norris, Minister of Evangelism, First Christian Church, Nashville, Tennessee
Paul F. Nourse, Minister, First Christian Church, Evansville, Indiana
John R. Pierce, Minister, First Christian Church, Ft. Myers, Florida
Walter Puckett, Minister, Oaklandon Christian Church, Indianapolis, Indiana
David Pugh, Teacher, Howe High School, Indianapolis, Indiana
John Ray, Graduate Student, St. Louis, Missouri
Lucian Robinson, Evangelist, Lexington, Kentucky

Robert Robinson, Insurance Marketing Manager, Indianapolis, Indiana
Goffery Salyer, Business-Mining, Elkhorn City, Kentucky
John Samples, Minister, West Lafayette Christian Church, West Lafayette, Indiana
Donald Sams, Minister, Christian Church, High Point, North Carolina
John R. Selders, Minister, Greenford Christian Church, Greenford, Ohio
Mrs. Ruth G. Settles, Retired, Louisville, Kentucky
Allen Sharp, U. S. District Court Judge, Indianapolis, Indiana
Robert W. Shaw, Minister, Central Christian Church, Coral Gables, Florida
Ralph E. Sims, Minister, First Christian Church, Johnson City, Tennessee
Ronald Spotts, Businessman, Beechcreek, Pennsylvania
Joseph Sutherland, Professor, Emmanuel School of Religion, Johnson City, Tennessee
Marvin Swiney, Principal, Mountain Mission School, Grundy, Virginia
Thomas L. Tatham, Attorney, Miami, Florida
Mrs. Frank Wiegand, Church Woman, Pittsburgh, Pennsylvania
Jerry Williams, Minister, Ben Davis Christian Church, Indianapolis, Indiana
Elgin Wollman, Executive, Society for Visual Education, Chicago, Illinois
Harold Zimmerman, Retired, Indianapolis, Indiana
Ronald Zimmerman, Senior Purchasing Expediter, Detroit Diesel Allison, Indianapolis, Indiana



Faculty Social

FACULTY AND ADMINISTRATION 1977-78

JESS W. JOHNSON, President (1966)
B.Th., Northwest Christian College;
B.D., Christian Theological Seminary;
D.D., Milligan College; University of
Oregon; Butler University; Union Theological
Seminary; LaSalle University.

DEAN EVEREST WALKER, Chancellor
(1950)
B.A., Tri-State College; M.A., B.D.,
Butler University; D.D., Milligan Col-
lege; S.T.D., Kentucky Christian Col-
lege; Litt.D., Tri-State College; Bethany
College; Ohio University; University of
Chicago; University of Edinburgh.

KENNETH W. OOSTING, Academic Dean (1976)
A.B.Ed., University of Michigan; M.A., Central Michigan University; Ph.D.,
University of Minnesota; Muskegon Community College; American University;
Michigan State University; University of Colorado.

B. J. MOORE, Business Manager (1965)
B.S., East Tennessee State University.

PAUL A. CLARK, Dean of Students and Director of Teacher Education (1965)
B.A., Harding College; M.A., East Tennessee State University; Ed.D., University
of Kentucky.

EUGENE H. WIGGINTON, Director of Development (1971)
B.A., Cincinnati Bible Seminary.

Administration

PHYLLIS DAMPIER FONTAINE, Registrar (1963)
B.S., M.A., East Tennessee State University; Milligan College.

LAWRENCE E. HUFF, Financial Aid Officer (1973)
B.A., Milligan College; Emmanuel School of Religion.

RODNEY D. IRVIN, Director of Communications (1972)
B.A., Milligan College; M.S., University of Tennessee.

KENNETH JOHNSTON, Director of Church Relations (1972)
B.Th., D.D., Northwest Christian College; Oregon College of Education; Butler
School of Religion.

JOE P. McCORMICK, Assistant to the President (1956)
B.S., Milligan College.

JOHN W. NETH, Director of the P. H. Welshimer Library (1953-58, 1962)
B.S., Bethany College; M.A., Butler University; B.D., Christian Theological
Seminary; M.A. in L.S., Peabody College for Teachers; University of Santo
Thomas (P.I.); George Washington University; Western Reserve University.

PHILLIP A. WORRELL, Director of Student Enlistment (1969)
B.S., Milligan College; M.S., Indiana State College; Butler University; Kent State
University.

PAUL BADER, Student Enlistment Officer (1976)
B.S., Milligan College; St. Louis Christian College.

REBEKAH REEVES, Student Enlistment Officer (1977)
B.S., Milligan College.

Professors

- PAUL A. CLARK, Chairman, Area of Professional Learning and Professor of Education and Director of Teacher Education (1965)
B.A., Harding College; M.A., East Tennessee State University; Ed.D., University of Kentucky.
- ORVEL C. CROWDER, Chairman, Area of Social Learning, Professor of Psychology and Bible (1957)
B.A., Hiram College; M.A., Cincinnati Bible Seminary; Th.B., Harvard University; D.D., Atlanta Christian College; University of Tennessee.
- ROBERT O. FIFE, Professor at Large (1954)
B.A., Johnson Bible College; B.D., Butler University; Ph.D., Indiana University, University of Glasgow.
- WILLIAM C. GWALTNEY, JR., Chairman, Area of Humane Learning and Professor of Bible (1964)
Th.B., Cincinnati Bible Seminary; B.A., Wilmington College; Ph.D., Hebrew Union College; University of Cincinnati.
- HOWARD A. HAYES, Professor Emeritus of Bible (1967)
B.A., Milligan College; B.D., School of Religion Butler University; M.A., Butler University; S.T.M., D.Min., Vanderbilt University.
- DENNIS HELSABECK, Professor of Counseling and Director of Admissions (1963)
B.A., Johnson Bible College; M.A., University of Michigan; B.D., Butler University; Ph.D., University of Wisconsin; Ball State University; College of the Bible.
- IVOR JONES, Professor Emeritus of History (1942)
B.A., Milligan College; M.A., University of Tennessee; Columbia University; George Peabody College; Duke University; Oxford University.
- EDDIE LEACH, Chairman, Area of Scientific Learning and Professor of Biology (1969)
B.A., M.A., Baylor University; Ph.D., Texas A&M University.
- EUGENE P. PRICE, Chairman, Area of Professional Learning and Professor of Business Administration (1949)
B.A., M.A., Duke University; Harvard University.
- JAMES L. SHIELDS, Professor of Education and Director of Student Teaching (1959)
B.Sc. in Ed., University of Southern California; B.A., M.A., Pacific Christian College; M.A., University of California, Long Beach; Ed.D., University of Tennessee; Talent Education Institute, Matsumoto, Japan; East Tennessee State University.
- LONE L. SISK, Professor Emeritus of Chemistry (1948)
B.A., Carson-Newman College; B.S., East Tennessee State College; M.A., George Peabody College; D.Sc., Milligan College; University of Tennessee; Vanderbilt University.
- HUGHES THOMPSON, Professor Emeritus of Chemistry (1928-48, 1956)
B.A., Wake Forest College; M.S., Ph.D., North Carolina State College.
- HAZEL TURBEVILLE, Professor Emeritus of Secretarial Science (1950)
B.A., Western State Teachers College; M.A., University of Kentucky; Ed.S., George Peabody College; Bowling Green Business University.
- DUARD B. WALKER, Professor of Health and Physical Education (1951)
B.A. and B.S. in Physical Education, Milligan College; M.A., Teachers College; Columbia University; University of Tennessee.
- HENRY E. WEBB, Chairman, Area of Biblical Learning and Dean E. Walker Professor of Church History (1950)
B.A., Cincinnati Bible Seminary; Ph.B., Xavier University; B.D., Ph.D., Southern Baptist Theological Seminary; Butler University; Union Theological Seminary; Oxford University

C. ROBERT WETZEL, Professor of Philosophy (1961)
B.A., Midwest Christian College; M.S., Fort Hays Kansas State College; Ph.D.,
University of Nebraska; University of Cambridge.

Associate Professors

PATRICIA JANE BONNER, Associate Professor of Health and Physical Education
(1966)

B.A., Milligan College; M.E., University of Arizona; M.R.E., Emmanuel School
of Religion; Ed.S., George Peabody College for Teachers; San Fernando State
College; Fullerton State College; Pepperdine College; University of Colorado;
University of California at Los Angeles; Highland University.

ROWENA BOWERS, Associate Professor of Health and Physical Education (1958)
B.S., M.A., East Tennessee State University; University of Tennessee.

JEANETTE E. CROSSWHITE, Associate Professor of Music (1967)
B.M.E., Longwood College; B.C.M., M.C.M., Southern Baptist Theological
Seminary; Memphis State University.

TERRY J. DIBBLE, Associate Professor of English (1971)
B.S., M.S., Fort Hays Kansas State College; Ph.D., University of Nebraska.

JOHN DOWD, Associate Professor of Music (1963-67, 1969)
B.M., M.M., New England Conservatory of Music; Ph.D., University of West
Virginia; Boston University; University of Tampa.

CHARLES W. GEE, Associate Professor of Biology and Education (1967)
B.S., University of Wisconsin; M.S., Oklahoma State University; Ph.D., Michigan
State University.

ROBERT B. HALL, Associate Professor of Sociology (1967)
B.A., Cincinnati Bible Seminary; B.S., M.A., Butler University; M.A., East Ten-
nessee State University; Southern Baptist Theological Seminary; Vanderbilt
University; University of Chattanooga; Harvard University; University of Ten-
nessee.

ROY HAMPTON, Associate Professor of Mathematics (1963)
B.S., Milligan College; M.S., University of Pittsburgh; University of Tennessee;
East Tennessee State University; John Hopkins University; University of
Kansas; Columbia University; Clark College.

JUANITA JONES, Associate Professor of English (1968)
B.A., Milligan College; M.A., University of Tennessee; East Tennessee State
University; University of Chicago.

RICHARD D. LURA, Associate Professor of Chemistry (1971)
B.A., University of Wisconsin; Ph.D., Iowa State University.

JOHN L. MORRISON, Associate Professor of Education (1968)
B.Th., San Jose Bible College; A.B., M.A., San Jose State College; Ph.D.,
Stanford University; Cambridge University.

CAROLYN NIPPER, Associate Professor of English (1966)
B.A., Milligan College; M.A., University of Tennessee; University of Kentucky.

EUGENE NIX, Associate Professor of Chemistry (1967)
B.S., M.S., Ed.D., University of Georgia; West Georgia College; Fort Hays
Kansas State College; Oak Ridge Associated University.

EUDEL J. OWNBY, Associate Professor of Education (1961)
B.A., Carson-Newman College; M.A., George Peabody College; Ed.D., University
of Tennessee.

RICHARD PHILLIPS, Associate Professor of Bible (1967)
B.A., Th.M., Lincoln Christian College; M.Div., Christian Theological Seminary;
M.A., Butler University; Ph.D., Vanderbilt University; J.D., University of Ten-
nessee.

IRA READ, Associate Professor of History (1967)

B.A., Milligan College; M.A., Ph.D., Emory University.

DONALD SHAFFER, Associate Professor of German (1963-68, 1973)

B.A., Albion College; M.A., Indiana University; Michigan State University; Cincinnati Bible Seminary; East Tennessee State University; University Hamburg.

B. HAROLD STOUT, Associate Professor of Health and Physical Education (1958)

B.S., East Tennessee State University; M.S., University of Tennessee; Ed.D., East Tennessee State University.

EARL STUCKENBRUCK, Associate Professor of Bible (1951-52, 1968)

B.A., University of Kansas; B.D., Butler University; University of Birmingham, England; University of Tuebingen, Germany.

CHARLES R. TABER, Associate Professor of Anthropology (1973)

B.A., Bryan College; M.A., Ph.D., Hartford Seminary Foundation.

GARY O. WALLACE, Associate Professor of Biology (1967-68, 1971)

B.S., Austin Peay State College; M.S., Ph.D., University of Tennessee.

WILLIAM H. WRIGHT, Associate Professor of Art (1973)

B.F.A., M.F.A., University of Kansas.

Assistant Professors

SUE ABEGGLEN, Assistant Professor (1977)

A.B., Lincoln Christian College; B.S., M.S., Indiana University.

JAMES BALCH, Assistant Professor of Mathematics (1972)

B.A., Arkansas College; M.S., Ed.D., Oklahoma State University.

ANNA MAY CROWDER, Assistant Professor of English (1965)

A.B., B.M., Oklahoma College for Women; M.A., East Tennessee State University; University of Arkansas; University of California; Christian Choral School (Chicago); Columbia University.

SUSAN GAYLE HIGGINS, Assistant Professor of Sociology (1977)

B.A., Lincoln Christian College; M.A., Ph.D., Indiana University.



- JACK L. KNOWLES**, Assistant Professor of English (1970)
B.A., Milligan College; M.A., University of Tennessee; Ohio State University.
- VIRGINIA LAWS**, Assistant Professor of Secretarial Science (1974)
B.S., Milligan College; M.A., East Tennessee State University.
- DAVID A. MacKENZIE**, Assistant Professor of Music (1977)
B.M., University of Tennessee; M.M., M.M.A., Yale School of Music.
- WAYNE E. MILLER**, Assistant Professor of Business Administration (1975)
B.S., East Tennessee State University; M.A., University of Kentucky.
- EDWIN S. NELSON**, Assistant Professor of Bible (1974)
B.A., Platte Valley Bible College; M.Div., Lincoln Christian Seminary; M.Th., Gordon Conwell Theological Seminary; Colorado State College; Harding Graduate School of Religion; Boston University.
- DAVID C. RUNNER**, Assistant Professor of Music (1972)
B.Mus., Boise State University; M.Music, D.M.A., Eastman School of Music, University of Rochester.
- E. EUGENE SCHULTZ, JR.**, Assistant Professor of Psychology (1977)
B.A., University of California, Los Angeles; M.S., Ph.D., Purdue University; University of Oregon.
- JOHN C. WAKEFIELD**, Assistant Professor of Music (1974)
B.A., MacMurray College; M.M., Northwestern University; Yale University.
- CAROLYN WOOLARD**, Assistant Professor of French (1972)
B.A., Bridgewater College; M.A., University of Kentucky; Universite de Strasbourg.
- PHILLIP A. WORRELL**, Assistant Professor of Physical Education (1969)
B.S., Milligan College; M.S., Indiana State College; Butler University; Kent State University.

Instructor

- MARIE GARRETT**, Assistant Librarian (1977)
B.A., Milligan College; M.L.S., Peabody College for Teachers.



Endowment Funds of Milligan College

Milligan College is a church-related, liberal arts college. It is dedicated to high scholarship and Christian character. It receives its income from endowments, gifts, and student fees. It is not a tax-supported school.

The following Endowment Funds, Trust Funds, and Memorial Funds have been established in Milligan College.

Named Funds

The Hoover-Price Trust Fund
 The McWane Foundation Fund
 The Waddy Trust Fund
 The Johnson City Endowment Fund
 The Corinna Smithson Cashman Fund
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 The Sarah Eleanor La Rue Hopwood Memorial Fund
 The Josephus Hopwood Memorial Fund
 The C. W. Mathney Memorial Fund
 The Frank P. Walthour, Sr., Memorial Fund
 The Robert A. Balderson Memorial Fund
 The Thomas Wilkinson Memorial Fund
 The E. E. Linthicum Memorial Fund
 The Elizabethton Endowment Fund
 The Ministerial Scholarship Fund of the Erwin Christian Church
 The Milligan College Building and Endowment Fund
 The McCowan Fund
 The Perry L. Gould Memorial Fund
 The L. G. Runk Endowment Fund
 The Milligan Alumni Endowment Fund
 The Derthick Memorial Fund
 The Kelton Todd Miller Memorial Fund
 The Horace E. and Mary Surepta Burnham Memorial Fund
 The Anglin Fund
 The Aylette Rains Van Hook Memorial Fund
 The Mary Harvey Taber Memorial Fund
 The McCormick Fund
 The Florence Ley Walker Memorial Fund
 The Philip Scharfstein Scholarship Fund
 The Webb D. Sutton Trust Fund
 The Edith B. Cottrell Memorial Fund
 The Milligan College Memorial Foundation
 The Barbara Mains Memorial Fund
 The Wiley Wilson Memorial Fund
 The B. D. Phillips Fund
 The Milligan College Cemetery Association
 The George Iverson Baker Memorial Fund
 The Anna Lucas Kennedy Fund
 The Sam J. Hyder Memorial Fund
 The Ada Bennett Memorial Fund
 The A. F. Cochran Memorial Fund
 The Purpose of Man Award Fund
 The Arthur H. Miller Memorial Fund
 The Mary Hardin McCowan Living Endowment Fund
 The Dorothy S. Wilson Memorial Fund
 The Clarence and Lela Anderson Brumit Memorial Fund
 The Guy and Rhea Oakes Memorial Fund
 The Evangeline K. Lucas Memorial Fund
 The Joseph R. Crandall Memorial Fund
 The Myrtle C. King Memorial Fund
 The Lone L. Sisk Endowment Fund
 The Mr. and Mrs. Fred Proffitt Memorial Fund

The Dr. Charles E. and Florence A. Burns Memorial Fund
The Dr. H. O. Bowling Memorial Fund
The Ira and Irene Atkinson Memorial Fund
The John C. Paty, Sr., Memorial Fund
The James H. Smith Memorial Fund
The Herschell J. Springfield Memorial Fund
The Dora D. Shoun Memorial Fund
The Clyde Ratliff Memorial Fund
The Virginia Burns Elder Memorial Fund
The Edgar Ralph Turner Memorial Fund
The W. Sylvester Hughes Endowment Fund
The 1968 Class Fund
The 1976 Class Fund
The 1977 Class Fund
The Mrs. William Butler Van Hook Memorial Fund
The William E. and William R. Clem Endowment Fund

It is hoped that through the years many other funds may be established. Anyone wishing to establish such a fund should write to Dr. Jess Johnson, President, Milligan College, Milligan College, Tennessee 37682.

Living Link Relationship

Christian churches which contribute \$3,000 or more annually to the general fund of Milligan College are eligible to select one of the professors of the college as the living-link Christian educator of that congregation.

Sharing in this special relationship are:

Christian Church, Brownsburg, Indiana; Plainfield Christian Church,
Plainfield, Indiana—Dr. Robert O. Fife

East 91st Street Christian Church, Indianapolis, Indiana—
Dr. C. Robert Wetzel

First Christian Church, Johnson City, Tennessee—Dr. John L. Morrison

First Christian Church, Chicago, Illinois: THE DEAN E. WALKER CHAIR
OF CHURCH HISTORY—Dr. Henry E. Webb

Churches desiring information concerning this program may write to the President of the College.



1978 Choir Tour

MILLIGAN COLLEGE CALENDAR

Summer Session, 1978

Registration	June 19
First Term Classes	June 19-July 19
Independence Day, No Classes	July 4
Second Term Classes	July 20-August 18

Fall Semester, 1978

Dorms Open to Freshmen	August 26
Conference for Parents of Freshmen	August 26
Freshmen Orientation	August 26-29
Dorms Open to Upperclassmen	August 28
Registration (Freshmen and Transfers)	August 29
Registration (Upperclassmen and Transfers)	August 30
Classes Begin	August 31
Matriculation	September 1
Freshmen and Transfer Reception	September 1
Fall Break	5:00 p.m., October 11 to 8:00 a.m., October 17
Founder's Day	November 10-11
Thanksgiving Holidays	5:00 p.m., November 22 to 8:00 a.m., November 27
Last Day of Classes	December 18
Final Examinations	December 19-21

Spring Semester, 1979

New Student Orientation	January 15
Registration	January 16, 17
Classes Begin	January 18
Spring Break	Noon, March 16 to 8:00 a.m., March 26
Awards Dinner	May 3
Final Examinations	May 14-17
Baccalaureate and Commencement	May 20

Summer Session, 1979

Registration	June 11
First Term Classes	June 11-July 11
Independence Day, No Classes	July 4
Second Term Classes	July 12-August 10

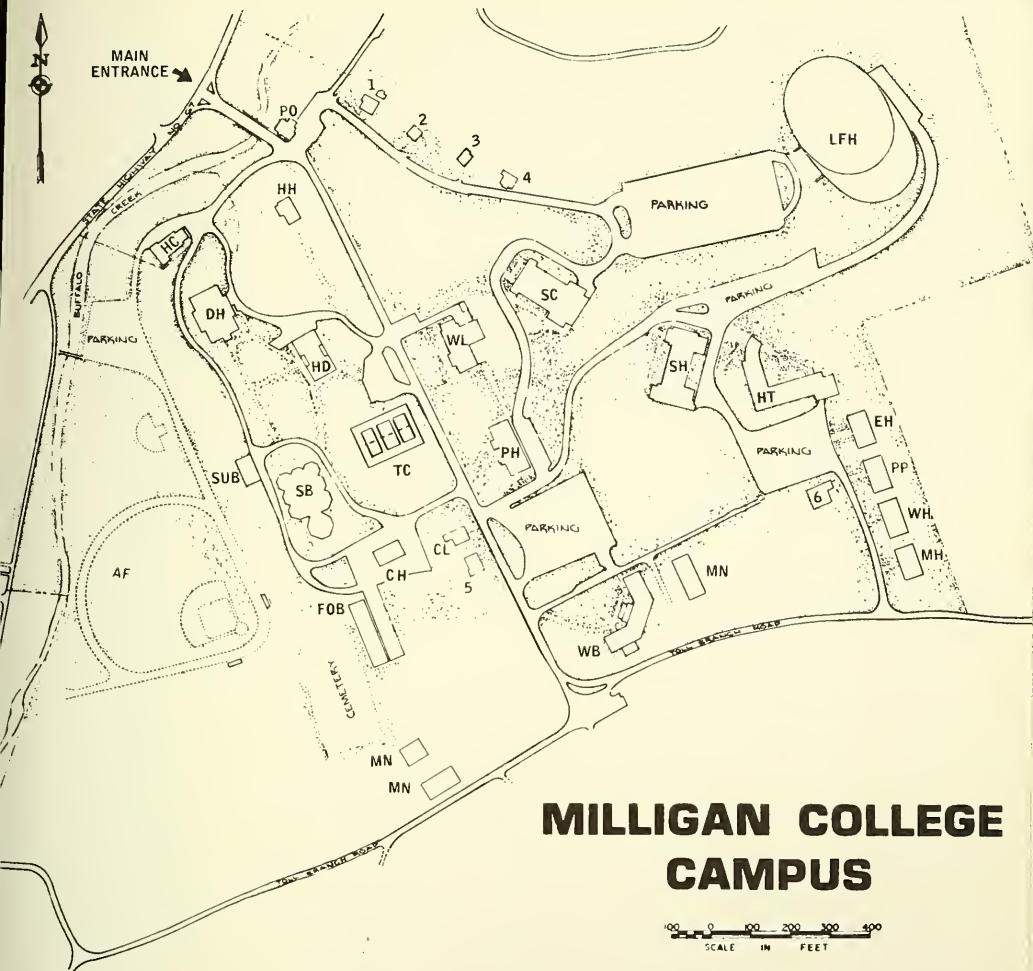
Fall Semester, 1979

Dorms Open to Freshmen	August 25
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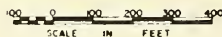


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MILLIGAN COLLEGE CAMPUS

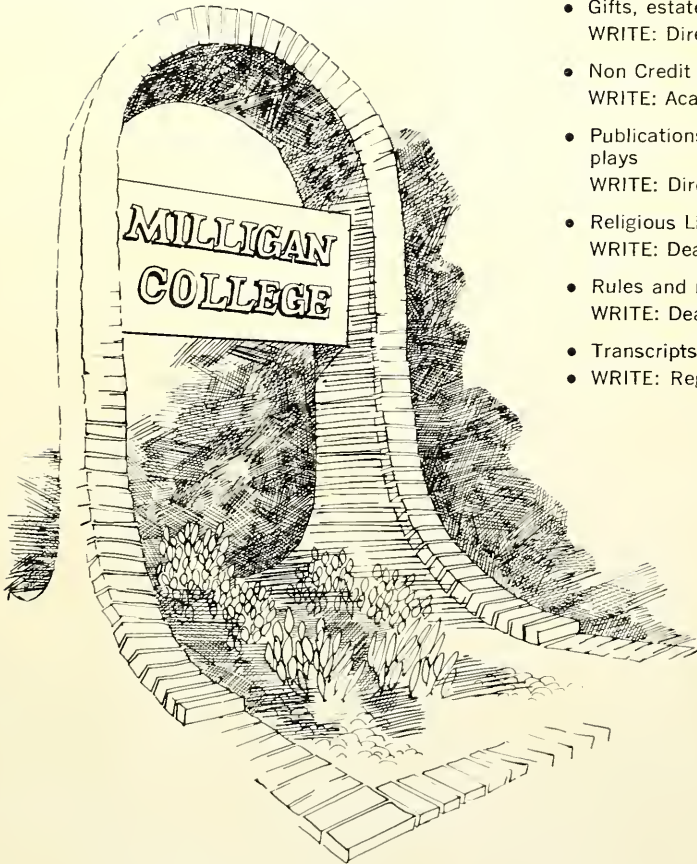


KEY TO CAMPUS

- | | | | |
|-----|--|-----|-------------------------------------|
| AF | Anglin Field | PP | Phillips Hall (Married Apartments) |
| CH | Check Hall | SB | Science Building |
| CL | Clinic | SC | Seeger Chapel |
| DH | Derthick Hall (Ad. Bldg.) | SH | Sutton Hall (Women's residence) |
| EH | Ehrman Hall (Married Apartments) | SUB | Student Union Building |
| FOB | Faculty Office Building | TC | Tennis Courts |
| HC | Hopwood Church | WB | Webb Hall (Men's residence) |
| HD | Hardin Hall (Men's residence and offices) | WH | Welshimer Hall (Married Apartments) |
| HH | Hospitality House (Mary Hardin McCown Cottage) | WL | Welshimer Library |
| HT | Hart Hall (Women's residence) | | |
| LFH | Lacy Fieldhouse | 1 | House "A" |
| MH | Murch Hall (Married Apartments) | 2 | House "B" |
| MN | Maintenance Building | 3 | House "C" |
| PH | Pardee Hall (Men's residence) | 4 | House "D" |
| PO | Post Office | 5 | House "E" |
| | | 6 | House "F" |

FOR MORE INFORMATION ABOUT

- Admissions requirements, procedure, and applications
WRITE: Director of Student Enlistment
- Alumni
WRITE: Alumni Director
- Accounts, costs, etc.
WRITE: Business Manager
- Academic matters, special programs, and requirements
WRITE: Academic Dean
- Dormitory and apartment reservations
WRITE: Dean of Students
- Financial Aid
WRITE: Financial Aid Director
- Gifts, estate planning, annuities
WRITE: Director of Development
- Non Credit Programs
WRITE: Academic Dean
- Publications, press information, displays
WRITE: Director of Communications
- Religious Life
WRITE: Dean of Students
- Rules and regulations
WRITE: Dean of Students
- Transcripts
WRITE: Registrar





Milligan College

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Nature of the College
Procedures
Areas of Instruction
The Milligan Community

Milligan College holds full membership in the following accrediting agencies and professional organizations:

- The Southern Association of Colleges and Schools
- The Association of American Colleges
- The Tennessee College Association
- The Council for the Advancement of Small Colleges
- The Council of Protestant Colleges
- Tennessee Independent Colleges Fund
- The American Association of Colleges for Teacher Education
- The Volunteer State Athletic Conference
- The National Association of Intercollegiate Athletics
- The Tennessee Intercollegiate Athletic Conference
- The Association of Intercollegiate Athletics for Women
- The Tennessee College Women's Sports Federation
- The College Placement Council
- The Association for Schools, Colleges, and University Staffing.

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Milligan College is an Equal Opportunity Institution. It does not discriminate on the basis of race, sex, color and national or ethnic origin.



Milligan College

AN EXPERIENCE IN LIVING

NATURE OF THE COLLEGE



DR. HENRY WEBB, BIBLE PROFESSOR

HERITAGE

Milligan College is located in Upper East Tennessee in the territory that was once the lost state of Franklin, an area rich in history and tradition.

At Sycamore Shoals, near the campus, the Watauga Association adopted a constitution providing for self-government, prior to the Declaration of Independence. A few miles from the College, American troops assembled for the famed march to the Battle of King's Mountain which proved to be the turning point in the American Revolution. Toward the west are the homes of General John Sevier and Colonel John Tipton, early heroes of the Volunteer State. Jonesboro, the first capital of Tennessee, is some ten miles west of the campus. Rocky Mount, the original capital of the Southwest Territory, is some ten miles north of the campus. The homes and land of two of Tennessee's great governors, Robert and Alfred Taylor, are adjacent to the campus.

In the third decade of the nineteenth century, freedom-loving people introduced the Restoration principle into the religious life of the area. Milligan College owes its beginnings to the school conducted in the old Buffalo Church which is now the Hopwood Memorial Church.

On December 10, 1866, Buffalo Male and Female Institute, under the leadership of Wilson G. Barker, was chartered by the State of Tennessee. A building was constructed, and instruction was begun the next year. In 1875 the leadership of this academy was transferred to Josephus Hopwood, a native of Kentucky.

In 1881 he laid the cornerstone for an expanded building. At the same time he announced the elevation of the institute to collegiate rank and the new name, Milligan College. This name was chosen to honor Professor Robert Milligan of Kentucky University (Transylvania), whom President Hopwood regarded as the embodiment of Christian scholarship and Christian gentility.

President Hopwood sought to establish a four-fold program in the College. He looked to the physical sciences as the source of man's conquest of the earth. He regarded history, philosophy, and the social studies as the source of human self-knowledge and self-government. He thought of professional and vocational education as the means of sustaining a free social order and of reducing scientific knowledge to the service of men in material civilization. He accepted a knowledge of revelation and the possession of Christian faith as the necessary control through which mankind could establish and maintain a culture in blending the first three. To this end he adopted the motto, "Christian Education—the Hope of the World."

President Hopwood continued in the presidency until 1903 when he left Milligan to found a college in Virginia. Dr. Henry Garrett, a member of the faculty, was elevated to the presidency.

Upon President Garrett's resignation in 1908 Dr. Frederick D. Kershner, president of the American University, Harfiman, Tennessee, was elected to the presidency. Dr. Kershner was a brilliant young scholar and was soon to be in demand by a larger institution. In 1911 he left Milligan to assume the presidency of Texas Christian University.

From 1911 to 1915 the College was under the leadership of three different men: Tyler E. Utterback, Everett W. McDiarmid, and James T. McKissick.

In 1915 Dr. Hopwood, who had completed the founding of colleges in Virginia and Georgia since leaving Milligan in 1903, returned for a two-year ad-interim presidency.

In 1917 Henry J. Derthick was inaugurated as the eighth president of Milligan. During this period Milligan College, with the support of many patrons living a considerable distance from the campus, served many young people from the Southern Highlands. The campus was expanded to some sixty acres, and the facilities of the College were increased. The Administration Building was rebuilt after a fire;

Pardee Hall was built as a dormitory for men; Cheek Activity Building was constructed for recreational purposes; and a number of smaller buildings were added. Dr. Derthick succeeded in bringing the College through World War I and the Great Depression, preserving the academic integrity and quality of the College.

Dean Charles E. Burns succeeded to the presidency in 1940, just prior to the American entrance into the Second World War. In the crisis of that period, Milligan offered its entire facilities to the United States Government. From July of 1943 to the spring of 1945 a Navy V-12 program was conducted. Milligan was the only college in the United States given over completely to a Navy program.

The civilian work of the College was resumed under the presidency of Virgil Elliott in 1945. Two major problems confronted the College at this time. The breaking of ties with alumni and friends during the Second World War proved to be a serious handicap. No less difficult was the task of assisting a large number of ex-GI's to effect a transition from military to civilian life.

Dr. Dean E. Walker came to the presidency in January 1950 from a twenty-five year professorship in the Butler University School of Religion.

Recognizing the need of the small college to play an increasingly large part in the educational program of our land, the College adopted a long-range development program. Students were enlisted from a larger area, encompassing most of the States and several foreign countries. A financial program was undertaken to stabilize the College; the endowment was increased; existing buildings were renovated and newly furnished; new patrons were sought for the College; the curriculum was expanded; and higher faculty standards were established.

During Dr. Walker's administration the campus was expanded to more than 135 acres of land. New buildings added included the Student Union Building, Sutton Hall, Webb Hall, the P. H. Welshimer Memorial Library, the Seeger Memorial Chapel, and Hart Hall.

On November 1, 1960 Milligan received the Quality Improvement Award administered by the Association of American Colleges for the United States Steel Foundation. On December 1, 1960 Milligan was admitted with full accreditation into membership in the Southern Association of Colleges and Schools.

In June 1968 Dr. Jess W. Johnson, having served in the capacity of Executive Vice-President for two years, was elevated to the presidency of the College on the retirement of President Dean E. Walker, who became the Chancellor of the College. The campus has continued to develop under Dr. Johnson's leadership. The Faculty Office Building was built in 1969, and the Science Building was dedicated in May 1972. In November of 1976 the Steve Lacy Field House was completed.

Throughout her history Milligan has maintained an active relationship to a religious movement committed to the restoration of New Testament Christianity. The Christian people participating in this movement consistently disclaim denominational status, and the faculty and trustees of the College maintain an intelligent awareness of a commitment to this position. The members of Milligan feel that such a non-denominational position permits them to examine all aspects of life, secular and religious, in the light of the New Testament, unrestricted by human tradition. In this view of Christian faith, all vocations, avocations, and associations permitting the exercise of fellowship under the Lordship of Christ are expressions of good citizenship under God, in state, in church, and in society. In Milligan tradition the student is confronted with a synthesis of learning regarded by the College as essential to his understanding of and personal responsibility in his various relationships in life for the stewardship of which he must give account before God and his fellowmen.

CHARACTER

The Milligan tradition is expressed in the motto "Christian Education—the Hope of the World." The curriculum includes a study of the Holy Scriptures as a require-

ment for the bachelor's degree. This requirement derives from the belief that God is revealed in His only begotten Son, Jesus, the Christ. This belief gives meaning to human life and is the only force of sufficient moral strength to create educational ideals of the highest order and to inspire the integrity to achieve them.

Milligan College has been co-educational from the beginning of its history. This policy rests upon the conviction that the problems of the entire social order are better solved when men and women share alike in basic knowledge.

It is a distinguishing characteristic of Milligan College that Biblical data is introduced into the content of each course taught. Such teaching is assured by the selection of a faculty in cordial sympathy with this view. A primary objective is including Christian understanding and practice in the total of life's attitudes and activities.

It is a further significant characteristic that Milligan believes this objective obtainable through the presentation of the data of Christianity in its original form, the New Testament.

Accordingly, no denominational or creedal tests are imposed upon any student in admission to membership in Milligan College or in the attainment of any of its honors, awards, or degrees.

The liberal arts are defined in Milligan College as those studies and disciplines through which the spirit of man is freed and further endowed with moral power. The study of these arts is thus essential to the attainment and maintenance of a civilization of free men. The concept of freedom can be held only by those individuals who recognize the dignity and sanctity of human life. The possessor of that life, however, can enjoy the highest potential only through the disciplines of sound learning. It is this learning which gives direction and meaning to life through time into eternity. A personality so equipped is the master of skills and facts, is never dominated by them, and uses them for the service of mankind and of God.



MILLIGAN COLLEGE JAZZ ENSEMBLE

Thus, the purpose of liberal education is the development of persons to whom may safely be entrusted the vast scientific and technical knowledge and skill developed by research.

Such a program includes more than the pursuit of "secular" studies in a "Christian atmosphere." It contemplates the inter-penetration of the three great bodies of learning: the realm of nature, the realm of humanity, and the realm of divinity. The practical application of the resultant synthesis in both vocational and leisure activities characterizes the life of a truly educated man.

Another characteristic of Milligan College is the sense of obligation assumed by the faculty. Applicants for admission to membership in Milligan are considered in the light of this searching question: "What can we do for this student?" Therefore, with regard to each applicant who possesses adequate secondary education and expresses an acceptance of the approach described above, the College addresses itself to this question. "Has Milligan sufficient facilities and understanding to realize the end product envisioned?"

Membership in Milligan College consists of those who sustain a relationship in one of the following categories: the Board of Trustees, the Board of Advisers, the Administration, the Faculty, the Student Body, and the Alumni. This membership is a privilege conferred by the Institution and involves reciprocal responsibilities and concerns. Admission to membership in any one of the divisions is extended by the College at its discretion through established channels.

Admission to membership in Milligan College carries with it a pledge of responsibility by the student that he will subject himself to the rigorous discipline of the above program. Men and women who choose to decline this responsibility forfeit the privilege of membership in the College.

SPECIFIC OBJECTIVES

Since its beginning Milligan College has sought for its students the following objectives:

A Positive, Personal Christian Faith That Jesus Is Lord and Saviour.

The expression "Jesus is Lord and Saviour" is to be understood in the historical Biblical significance, Jesus, the Man of Nazareth, is God's Son, therefore, both Saviour and Lord of Life. The attainment of positive, personal Christian faith means the commitment of the life to this Jesus.

An Insight Into Christian Ethics to Guide the Conduct of His Life.

This involves a recognition of the norms of human conduct that derive their sanction from the Christian faith.

The Capacity to Recognize and Assume His Responsibility in Society.

One of the main functions of education is to arouse within the individual an awareness of his indebtedness to his fellowmen, to foster a desire on his part to assume this responsibility, and to prepare him to fulfill his obligation to society.

The Knowledge, Meaning, and Application of Sound Scholarship.

The student is led to develop a respect and enthusiasm for sound scholarship, such as will inspire him to seek it with diligence and perseverance.

Preparation for Securing for Himself and His Family a Comfortable Standard of Living.

This may be accomplished through training in personal and public health, courses of study designed to develop the quality of aesthetic appreciation, a background of basic liberal arts courses, plus the selection of a field of interest which will provide an adequate livelihood.

Participation in Wholesome Recreational Activities.

Participation in wholesome recreational activities is a worthwhile experience to the individual who participates. This may be accomplished through intramural sports, intercollegiate sports, dormitory living, student union fellowship, and student-initiated recreational activities.

STUDENT LIFE

Residence

Milligan students not living with their parents, grandparents, married brother or sister or spouse are required to live in a College dormitory. Maintenance of any separate quarters is expressly forbidden. Violation of this regulation will subject the student to suspension.

Dormitory rooms are equipped with all necessary furniture. Students supply blankets, pillows, bedspreads, curtains, rugs, study lamps, and accessories.

The College reserves the right to inspect dormitory rooms at all times.

The Dormitory Resident will be required to approve the use and condition of each room.

Students are responsible for the use and condition of their rooms. Damage to the room or its furnishings will be assessed to the occupants of the room.

All residence halls and the dining hall are closed during college vacations. Students will not be permitted to stay on campus during these periods.

Married Student Housing

Milligan College has available thirty-two apartments for married students. These are two-bedroom units. They are totally electric, including heating and air-conditioning. All of the apartments are equipped with kitchen appliances and carpeting. The units are unfurnished. Additional information may be obtained by contacting the Dean of Students.

Conduct

Milligan College is intent upon integrating Christian faith with scholarship and life. Because of this Christian commitment, Milligan College values the integrity of each individual. However, the action of each person affects the whole community. During attendance at Milligan each student is considered a representative of the College whether he is on or off the campus. The College, therefore, reserves the right to refuse, suspend, or dismiss any student. Public disclosure of reasons shall be at the discretion of the President.

Among the rules of conduct enforced by the College, the following are called to the student's attention:

1. Individual or collective student enterprises which use the College name or involve the absence of the participants from the College must receive the official sanction of the College Administration.
2. Dishonesty in examinations, in class work, or in any other aspect of college life is regarded as a serious offense.
3. Milligan College has a deep concern for the present and future health of its students. It particularly is concerned with the serious problems and consequences related to the use of alcoholic beverages and illegal drugs. Therefore, the use of alcoholic beverages or illegal drugs by a Milligan student, whether on the campus or away, will subject the student to disciplinary action, suspension or dismissal.
4. Social dancing is not a part of the Milligan tradition.
5. The use of tobacco is discouraged because of health reasons. The use of tobacco is restricted to designated areas.

Automobile

The privilege of using an automobile is granted to all students. The College will not be responsible for any personal or public liability growing out of the student's use or possession of the car on or off campus.

An automobile registration fee of \$5.00 per semester will be charged.

Rules governing student use of motor vehicles are determined and administered by the Dean of Students, assisted by the Student Government.

Social Activities

All social activities should first be approved by the faculty sponsor and then entered on the College Calendar in the office of the Academic Dean. All such activities will be attended by the faculty sponsors of the organization involved. The College seeks to encourage the development of an active and meaningful social life for all students.

Dormitories

The Resident in each dormitory, in conference with the dormitory council, helps create an atmosphere which is most conducive to the best community life in the dormitory. The Resident is assisted by Resident Assistants as part of the staff of the Dean of Students. General dormitory regulations are the responsibility of the dormitory councils in cooperation with the Dean's staff.

Friendship

The visitor to the Milligan campus invariably notices the friendliness and the spirit of comradeship which characterize the entire Milligan circle, faculty and students alike. Each student has an adviser. This experienced faculty member is concerned not only that the student excel academically but also that he benefit from the opportunities afforded by a small college environment.

Provision for a well-rounded social life receives special attention. Recreational and social activities are planned by student committees working with the faculty. Initiative in student participation is encouraged.

The cultivation of high ideals and good habits, together with their expression in social poise and consideration for others, is a major concern.

Since faculty members regard each student as a younger friend, individual counsel and other friendly help are always available to each student. We speak of "membership" in Milligan College rather than "attending" Milligan College.

Health

The services of a college physician and nurse are provided in a clinic on the campus to care for minor ailments and any emergency. Students are expected to report at once to the college nurse any accidents or illness.

Milligan takes every reasonable precaution to prevent accidents and illness.

The College cannot assume financial liability for off-campus physician and hospital services. Most families are protected today for medical and hospital claims through special insurance programs. For those not so covered, the College will offer assistance in arranging an insurance program through a reliable insurance company; otherwise, the parents must provide a statement releasing the College from financial responsibility. All students participating in inter-collegiate athletics are required to show coverage in an accident and hospitalization program.

Mental and social health are also a concern of the College. A Director of Counseling is available for assistance. In addition the services of area mental health facilities can be utilized. However, the College is not equipped to promote long-range, in-depth psychoanalytic or psychiatric care.

Religious Life

Regular church attendance is encouraged of all Milligan students. Opportunities for worship are provided on campus each Sunday in Seeger Memorial Chapel and the Hopwood Memorial Christian Church and off campus in many churches in the area. Students find opportunities for service as well as wide fellowship through both city and rural churches in the vicinity of the College. Regular convocation services are conducted in the chapel by the College twice a week.

The student has many opportunities to develop his prayer and devotional life. There are several churches in the area which have Sunday and mid-week services. Many students close their day's activities in small prayer groups in the dormitories. More formal prayer services are held frequently in the dormitories and in Seeger Memorial Chapel. The William E. Sweeney Memorial Chapel in Seeger Me-

morial Chapel provides a quiet place for devotions and meditations during the day and at nightly vespers.

Participation in the Christian Service Club is open to all students. This organization meets the first Monday of each month. It also sponsors informal vesper services. The aim of the club is expressed in the motto: "Fellowship of Christian Outreach." There are seven specific areas of outreach: 1) the Milligan family, 2) low-rent housing areas, 3) East Tennessee Children's Home, 4) Appalachian Christian Village, 5) convalescent homes, 6) radio programs, and 7) gospel teams. There are also discussion sessions at different times during the week which help the students get to know one another in Christian love.

Student Ministerial Association is an organization of ministerial students and members of the faculty who are ministers. The meetings of the Association are designed to present the challenges and opportunities of the Christian ministry.

Students Sharing Christ (in World Mission) is an organization of all students interested in the missionary work of the church, both at home and abroad. The club seeks to disseminate information about the various mission fields and the recruitment of missionaries.

Representative Organizations

Operating under a constitution approved by the Administration of the College, the Student Government Association serves as the official representative voice of Milligan students and promotes academic, social, and religious activities for the campus community.

Student Government Association consists of the following elected members: the president, vice president, secretary, treasurer, the president of each class, four other representatives from each class (two female and two male), dormitory presidents, commuter president, and two commuter representatives.

The Dormitory Councils are organizations responsible for community life in the dormitories.



Music

In recent years the musical activities of Milligan College have received national recognition. The Milligan College Concert Choir, observing professional standards of concert literature, has traveled widely in the United States. This group includes appearances in high schools, churches, and church conventions in its annual tour.

The Milligan Chorale is devoted to the study and performance of great musical literature of all centuries. The Chorale presents programs at many local functions.

The Chamber Singers is a small group of selected voices. Various performance experiences include the annual Madrigal Dinners.

The Thomas F. Staley Distinguished Christian Scholar Lecture Series

Each year the Thomas F. Staley Foundation sponsors the Staley Distinguished Christian Scholar Lecture Series. The Foundation is firmly persuaded that the message of the Christian Gospel, when proclaimed in its historic fullness is always contemporary, relevant, and meaningful to any generation. Past lecturers have included Dr. James H. Jauncey, Dr. Edwin Orr, Dr. Elton Trueblood, Dr. Arthur F. Glasser, Dr. George K. Schweitzer, Dr. S. Scott Bartchy, Dr. Calvin Thielman, Dr. Oswald Hoffman, and Dr. Calvin Malefyt.

Lecture-Concert Series

The Milligan College Lecture-Concert Series is designed to contribute to the cultural life of the campus by personal appearances of performing artists, entertainers, and lecturers on various subjects of current interest.

The P. H. Welshimer Lectures

The P. H. Welshimer Lectures have been established by Mildred Welshimer Phillips and Ralph Welshimer in memory of their father, the late Dr. P. H. Welshimer, Canton, Ohio.

The Welshimer Lectures, in addition to perpetuating the memory of the late Dr. Welshimer, are intended to develop creative thought in the fields of New Testament Christianity and the Restoration Movement to which Dr. Welshimer dedicated his life.

Since its founding in 1958 the lecturers for this series have been:

1958	W. R. Walker
1959	Ard Hoven
1961	R. M. Bell
1963	James H. Jauncey
1964	J. D. Murch
1966	Marshall Leggett
1967	John Baird
1968	James G. Van Buren
1972	Joseph H. Dampier
1973	Mildred Welshimer Phillips
1974	Milligan College Faculty
1975	Clarence Greenleaf
1977	David Thompson
1978	Perry Gresham

Publications

Students interested in journalism or creative writing may find an opportunity for self-expression through the medium of **The Stampede**, the College newspaper.

The yearbook of the College, **The Buffalo**, presents a pictorial history of the year's activities.

The College literary magazine, **Helicon**, accepts original work from students and faculty.

Professional, Social, and Recreational Organizations

All professional and social organizations of Milligan College are designed to aid the students in fulfilling themselves and reaching their full potential religiously,

socially, and creatively. The following organizations were organized by students and have received the sanction of the College. Additional professional or social organizations may be added to this list upon the initiative of several students who present a charter to the College, select a faculty adviser, and demonstrate that the desired organization is in keeping with the purposes and philosophy of Milligan College.

Students preparing for careers in the healing arts are eligible for membership in the Pre-Med Club. The club serves to introduce students to the opportunities in the medical and allied professions. Physicians and specialists in the medical profession are invited to the club meetings to discuss topics related to their work.

The Philosophy Club provides an informal atmosphere for the discussion of contemporary and historical philosophical questions in order to promote great student interest in the study of philosophy. Membership is open to all students.

Phi Beta Lambda is a national business honorary society for business administration, economics, and secretarial science majors and minors. It is devoted to developing competent, aggressive business leadership.

The Student Union Board works in conjunction with Student Government in programming movies, concerts, and other social activities.

The Buffalo Ramblers is an informal association of those members of the Milligan family who enjoy exploring on foot the scenic gorges, peaks, caves, and waterfalls surrounding the College.

International students meet regularly for fellowship and discussion of matters of mutual interest.

Students preparing for a teaching career find membership in the Student National Education Association helpful. Topics of discussion in the club meetings are related to specific areas of service in the teaching profession.

The Psychology Club is open to students who wish to participate in research and experimentation in addition to regular classroom work. Members keep informed on the latest developments, graduate opportunities, and professional openings in this expanding field. Current films, lectures, visits to relevant institutions, and social fun form the basis of regular meetings throughout the year.

Music Educators National Conference has a student chapter whose purpose is to afford students the opportunity for professional musical orientation and development. These students also sponsor receptions after some concerts and serve as ushers for these events.

The "Water Buffaloes", a swim club, is organized in an effort to promote the sport of swimming and related activities on campus, as well as in the surrounding area.

Students in the area of special education and other interested students are eligible to participate in the Student Council for Exceptional Children. This group serves not only the community by working directly with exceptional children but also the students by increasing their experience and knowledge in different areas of special education.

The Commuters is an organization for off-campus students. By promoting various activities throughout the year, it seeks to give off-campus students the opportunity to participate in campus events and to enhance fellowship among commuters.

The Student Union Building serves the social and service needs of the student body. It is a place for fellowship, for purchase of supplies and food, and for relaxation and games.

Athletics

Milligan College encourages participation in intercollegiate athletics. A limited number of grants-in-aid will be awarded each year on a merit basis.

Milligan College is represented in intercollegiate athletics in basketball, baseball, tennis, softball, volleyball, track and field, and soccer.

The intramural program of athletics is designed to encourage participation by all the students in some sport. A choice of sports is offered in basketball, touch-football, volleyball, archery, tennis, badminton, table tennis, swimming, and softball.

Students interested in golf may secure, for a small green fee, playing privileges at the Elizabethton Golf Club, one mile from the College, and at the Pine Oak Golf Course in Johnson City, three miles from the College, and at the Buffalo Valley Country Club, five miles from the College.

THE CAMPUS

Milligan College occupies a campus of more than one hundred and thirty-five acres, rising eastward from the banks of Buffalo Creek. Richly endowed by nature and enhanced by skillful landscaping, the grounds possess unusual beauty.

Anglin Field, with its baseball diamond and quarter-mile track, lies in the low campus along the Buffalo banks. This attractive field is important in the activities of intercollegiate and intramural sports and the physical education classes. The field was completely rebuilt in 1966.

In 1971 Mr. and Mrs. John Stout, Sr. furnished a flag pole and small park at the edge of the field. This presentation was made in memory of their son Willard, who was a 1957 graduate of Milligan.

Derthick Hall, formerly the Administration Building, occupies the site on which the original brick building of the College was erected in 1867. Several years later a large wing was added to this structure. In 1918 most of this building was destroyed by fire. It was rebuilt in 1919. In 1978 the building was completely renovated and renamed in honor of Dr. and Mrs. H. J. Derthick. In addition to the classrooms located in this structure are the offices of the Academic Dean, the Registrar, and Director of Financial Aid, and some faculty.

The P. H. Welshimer Memorial Library is a modern, fire-proof, air-conditioned building of three floors. Holdings consist of more than 110,000 volumes and 400 current periodicals. The building was first occupied in November 1961 and was the gift of the T. W. Phillips, Jr. Charitable Trust and the Phillips family of Butler, Pennsylvania, after an initial gift by the Kresge Foundation of Detroit, Michigan. The office of the President is located on the second floor.

The Seeger Memorial Chapel was dedicated November 4, 1967. This beautiful Colonial edifice occupies the center of the campus with its spire—192 feet above ground level—overlooking the campus. The Chapel is a multi-purpose structure serving the College in worship, instruction, lectures, concerts, and dramas. The main sanctuary-auditorium will seat 1300. The lower auditorium will accommodate 350. The Chapel was made possible through major gifts by Mr. Ura Seeger, Lebanon, Indiana and Mr. and Mrs. B. D. Phillips, Butler, Pennsylvania.

In January 1972, a new science building was occupied. Utilizing the most modern design in educational construction, the building has five 24-station laboratories, two classrooms, a 300-seat lecture hall, and several special-purpose rooms.

Hardin Hall was built in 1913. This three-story brick building is a residence hall for women and houses the Business Office and Director of Placement. The building honors Mr. and Mrs. George W. Hardin, who were intimately associated with the College for many years.

Pardee Hall, a residence for men, was erected in 1919 as a gift to the College by Mr. and Mrs. Calvin Pardee. It stands on the slope of the hill above the middle campus.

The Mary Hardin McCown Cottage, the campus hospitality house, is the building formerly occupied by the President of the College. Visitors may receive information concerning the campus at this Center. Other offices in the building are those of the Director of Development, Office of Student Enlistment, Director of Alumni and Communications, and Director of Church Relations.



DR. JESS W. JOHNSON, PRESIDENT



Seeger Chapel



Little Hartland

CAMPUS BUILDINGS



Science Building



Derthick Hall



P. H. Welshimer Library



Steve Lacy Fieldhouse

DORMITORIES



Pardee Hall



Hart Hall



Married Student Apartments



Webb Hall



Sutton Hall



Hardin Hall

The Student Union Building grew out of the determination of the students to help themselves. Sensing the need of a place to gather, T. P. Jones and Randy Cooper marshalled sentiment and resources from the students. The students volunteered labor, solicited funds, and began construction in 1951. The building was completed and dedicated in 1955.

Sutton Memorial Hall stands on the high campus toward the east. The residence floors have thirty suites for women, each with two rooms and connecting bath. The hall contains a large social room, a dining hall seating about 400, the kitchen, and storage rooms. The hall bears the name of Webb and Nanye Bishop Sutton, whose vision and generosity made the construction possible. It was dedicated in 1956.

The Steve Lacy Fieldhouse was funded by gifts from the B. D. Phillips Memorial Trust and the Kresge Foundation, making it possible for Milligan College to accept a grant from Educational Facilities Laboratories. This is the first air-cable structure in America, and it contains a regulation basketball court, a 25-meter swimming pool, indoor track, classrooms, and other facilities designed to accommodate Milligan's philosophy of lifetime sports. Operation of this facility began in 1976.

The Crouch Memorial Building is located near the bridge at the main entrance. Renovated and modernized by Professor Owen Crouch in 1958 in memory of his father, this building houses the Post Office and an apartment.

Webb Memorial Hall, a gift of Mrs. Nanye Bishop Sutton, was completed and occupied in January 1960. It houses modern accommodations for 172 men.

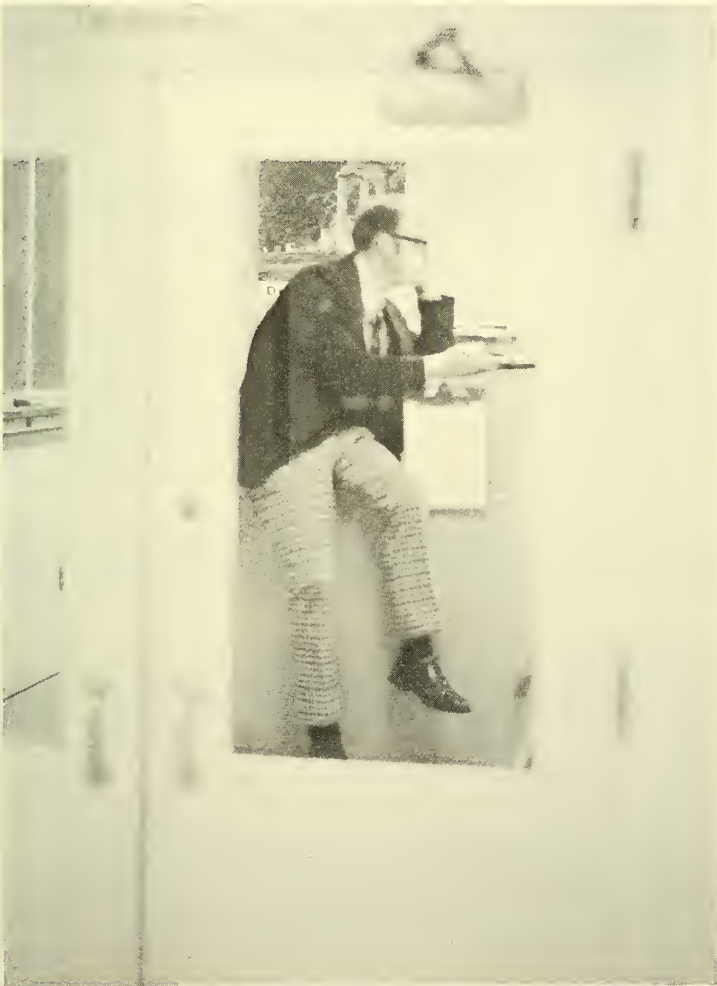
An air-conditioned dormitory for 188 women was completed in September, 1965. In May of 1968 it was dedicated and named Hart Hall in honor of Dr. and Mrs. John M. Hart.

The Faculty Office Building, built in 1969, houses the Curriculum Center and the majority of the offices for faculty members.

Little Hartland Hall, completed in 1976 and the gift of Dr. and Mrs. John M. Hart, is furnished with selected antiques from the Harts' sizeable collection. The building serves as the official residence for the College President.



PROCEDURES



DR. DONALD SHAFFER, GERMANIBIBLE

ADMISSION

Admission to the Freshman Class

Character, ability, preparation, and seriousness of purpose are the qualities emphasized in considering applicants for membership in Milligan College. Early application is encouraged. Inquires should be addressed to the Office of Student Enlistment.

Those who are interested in attending Milligan are encouraged to visit the campus. Arrangements should be made in advance with the Office of Student Enlistment. Overall excellence of performance in high school subjects and evidence of academic potential provide the basis for admission to Milligan College. While no specific course pattern is required for admission, the applicant is strongly encouraged to include the following subjects in his high school program:

1. College preparatory English
2. College preparatory mathematics
3. At least one unit of science
4. At least one unit of history and/or one unit of social science
5. Foreign Language
6. Some work in speech, music, or art in preparation for study in liberal arts curriculum

To provide further evidence of academic ability, the applicant is required to take the American College Test or Scholastic Aptitude Test and furnish the College with either of these scores.

The following steps are suggested in the admission procedure:

1. The student secures from the Office of Student Enlistment an application form, forms for requesting transcripts and references, catalog, and other literature.
2. The student returns the completed application along with an application fee of ten dollars and a small photo to the Office of Admissions.
3. The application will be presented to the Admissions Committee for action when the following credentials are on file: the high school transcript, ACT or SAT scores, two references.
4. The Office of Admissions will notify the applicant of the disposition of the application. If the decision is favorable, he will be accepted for admission to Milligan College, subject to the successful completion of his high school program.

Advanced Placement

Milligan College recognizes the Advanced Placement Program (AP), the College Level Examination Program (CLEP), and the United States Armed Forces Institute (USAFI) as a means of earning college credit. Milligan students may submit scores on examinations taken through these programs to the Academic Committee for evaluation. College credit will be granted on the basis of an acceptable score under the following conditions:

1. At least one semester of work must be completed in Milligan College before credit earned by testing will be recorded on the transcript.
2. Credit earned by testing will be designated on the transcript by a grade of "P" (pass).
3. A maximum of 32 semester hours can be earned by testing.

Transfer Students

Students who wish to transfer from an accredited college, who merit a letter of honorable dismissal, and who have a grade point average of at least 2.0 on a 4.0 system are eligible for admission to Milligan College. Such applicants should fol-

low the same procedure outlined above, except the ACT or SAT scores are not required. In addition they must furnish the College with transcripts of all previous college work.

Returning Students

A student who has withdrawn in good standing should address a letter to the Academic Dean requesting permission for readmission.

A student who has been academically dismissed should observe the following procedure:

1. The student's letter requesting readmission shall be addressed to the Academic Dean as chairman of the Admissions Committee.
2. The Admissions Committee will examine the student's original records and any work done since his suspension.
3. If there is reason to believe that the student would profit from another opportunity to do college work, he will be permitted to enroll with probationary status following at least one semester of suspension.
4. In the event that it is necessary to suspend the student a second time, he will not be eligible to apply for readmission.

Special Students

An applicant over 21 years of age who does not qualify in any of the above categories but demonstrates ability to do college work may be admitted as a special student, not a candidate for a degree. If he satisfies the entrance requirements in full within two years from the time of his admission to this status, he may then become a candidate for a degree.

Special students may also be undergraduate students who have met all entrance requirements but are temporarily departing from graduation requirements or from specified curricula for a semester or a year. During that time they are not candidates for a degree.

Special student status must be granted by the Academic Dean. This privilege must be renewed at the beginning of each semester.

Credits received as a special student will be subject to revision should the student decide to become a candidate for a degree.

Audits

Persons not enrolled in Milligan College as degree seeking students may enroll as audit students. No credit shall be allowed for this work, and a grade of "Au" shall be assigned. Tuition will be one-half normal tuition charges.

Foreign Students

Milligan College is approved by the United States Department of Justice for education of non-quota foreign students. Foreign students must present satisfactory scores for the TOEFL exam and prepay all expenses for one semester. Five hundred dollars of the prepayment will be considered non-refundable.

Ceremony of Matriculation

After all admission requirements have been met, including the orientation activities at the beginning of the year, the candidate for admission may participate in the ceremony of matriculation.

Matriculation Day ordinarily is Friday of the first week of the fall semester. At the conclusion of a general assembly, the candidates are escorted to the platform where they sign the College register and officially become members of the Milligan community.

EXPENSES

In order to serve students from a wide range of economic backgrounds. Milligan College has been able to supplement student fees with endowment funds and gifts from organizations and individuals. For this reason expenses at Milligan are some-

what lower than the expenses at other private colleges. Expenses are subject to change without notice.

Expenses for one semester:

Tuition (for 12 to 17 hours)	1036.00
Board	542.00
Room	325.00
Tax on Board	<u>32.52</u>
TOTAL FOR ONE SEMESTER	1935.52
Tuition each academic hour over 17	66.00
Tuition each academic hour under 12	86.00

SPECIAL FEES

The following fees are required from those who enroll for work in the specified course or receive special privileges:

Laboratory Fees

Materials for special courses:

Education 411, 412, 471, 472	\$ 5.00
Science Laboratory Fee	10.00
Psychology 252	5.00
Psychology 259	10.00
Psychology 427	5.00
Secretarial Practice	10.00
Language Lab Fee	10.00
Typing	10.00
Music 301, 381-2	5.00
Studio Art Fee	10.00
Art 102, 201, 311	5.00
Art 302, 303	10.00
Voice Class	20.00
Piano Class	20.00
Sheet Music Deposit	10.00
Directed teaching fee	15.00
Music 145, 146, 245, 246	10.00
Music 221, 222	30.00

Tuition Charges in Applied Music

One semester hour	\$40.00
Two semester hours	\$60.00

Practice Room and Instrument Rent:

Organ	\$30.00 (1 hr.)	\$45.00 (2 hrs.)
Voice, Piano, and Instrumental	\$20.00 (1 hr.)	\$30.00 (2 hrs.)

Application Fee

An application fee of ten (\$10.00) dollars is required with the application for admission to the College. This fee is not refunded. It defrays part of the expense of processing an application.

Advance Deposit

Milligan College is limited in the number of students it can accept. Efficient use of dormitory and classroom facilities requires a maximal occupancy. To assure the College of a firm commitment by the student, each dormitory student will be charged a student deposit fee of \$50.00.

This \$50.00 fee is held by the College in an escrow account, to be returned upon graduation or permanent withdrawal, subject to satisfaction of the student's account with the College.

CLAIM FOR A REFUND OF THIS FEE MUST BE MADE ON OR BEFORE JULY 1, PRECEDING THE OPENING OF THE FALL SEMESTER.

Matriculation Fee

A matriculation fee of ten (\$10.00) dollars is charged every student when he enrolls for the first time in Milligan College. This fee is paid only once.

Miscellaneous Fees (per semester)

Diploma and graduation fee	\$25.00
Transcript fee—after first issue	1.00
Automobile registration fee	5.00
Late registration fee per day	5.00
Change of course fee	5.00
Audit fee for one semester hour	43.00

Part-time Student

Part-time or special students (who enroll for less than twelve hours per semester) will be charged a registration fee of ten dollars and tuition at the rate of \$86.00 per semester hour.

Payments of Accounts

All student accounts are due and payable on the day of registration of each semester.

For those students who cannot meet all of the semester cost at the beginning of a semester, the following policy will apply:

Dormitory Students: on the day of registration a down payment of one-half tuition and room, \$50.00 on board, and all fees will be required. The remaining balance is to be paid in three equal installments falling due one month, two months, and three months after the date of registration. Honor scholarships, work scholarships, and grants-in-aid are to be deducted from the last payment.

Commuting Students: On the day of registration a down payment of one-half tuition and all fees will be required. The remaining balance is to be paid in three equal installments falling due one month, two months, and three months after the day of registration. Honor scholarships, work scholarships, and grants-in-aid are to be deducted from the last payment.

Students Receiving Financial Assistance: Students on full scholarships from foundations or corporations need not observe the down-payment principle. Students receiving other assistance such as Vocational Rehabilitation, veterans assistance, war orphans assistance or part-scholarship may apply such amounts toward the down payment requirement.

Summer Session: All charges are payable on the day of registration.

Other Regulations: No transcript will be issued until the student has satisfied all accounts with the College.

Students who have grant-in-aid commitments from the College should secure a letter from the person or persons making that commitment with terms and amount clearly stipulated.

Textbooks

New and used textbooks may be purchased at the Milligan Bookstore located in the Student Union Building. The Bookstore operates on a cash basis, and no books will be charged to a student's account unless the student is on a full-scholarship. The cost of textbooks, usually, does not exceed \$120.00 for the year.

Board

The cost of Board is \$542.00 per semester for three meals a day, seven days a week, exclusive of official vacation periods. (The dining room is closed during vacation periods). This is a flat rate for the semester which allows the students to save the clerical and other expenses involved when meals are charged individually rather than by the semester. The rate does not provide for any refunds for meals missed.

Refunds

Upon proper notice, a student who withdraws from the college within the first four weeks of a semester will be refunded one-half of his tuition and the prorata share of his board. Room rent and fees will not be refunded.

After the fourth week there is no refund except for the prorata share of board. An exception will be made for illness, in which the refund period will be extended to the ninth week. Illness must be certified by a physician's written statement.

There is no refund to a student who withdraws or is dismissed for disciplinary reasons.

In the event of withdrawal, no credit will be given for scholarship or grant-in-aid.

Since work on the campus has a cash value only when applied toward college expenses, there is no refund given to self-help students who have a credit balance to their accounts. A credit balance may, however, be transferred to the account of immediate members of the family, providing it is transferred not later than the fall semester of the following college year. A student wishing to make such transfer must first notify the Business Office before leaving the College.

FINANCIAL AID

Milligan College offers a comprehensive program of financial aid for students who otherwise would be unable to continue their education. Through this financial aid program an eligible student may receive one or more types of financial aid. Before a student or his parents decide a college education is too expensive, they should investigate the possibility of obtaining financial aid through the College.

Any student who applies for admission to Milligan College is eligible to request financial assistance. If he is offered admission and if he demonstrates a financial need, Milligan will attempt to meet that estimated need.

In order to apply for financial aid, each student must submit a Milligan College Financial Aid Application, and his parents must file a Financial Aid Form with the College Scholarship Service. The Milligan application can be obtained from the Financial Aid Office at Milligan, and the Financial Aid Form can be obtained from Milligan or a high school counselor. Both applications must be submitted prior to April 1. Awards are made on a year-to-year basis, and applications must be submitted each year.

TYPES OF FINANCIAL AID

Loans

National Direct Student Loan—This program provides long-term loans with an annual interest rate of 3 per cent; no interest accrues until the repayment phase begins. The loan is to be repaid within a ten-year period commencing nine months after a borrower terminates his enrollment. A student who is able to demonstrate financial need may receive up to \$5,000 during his undergraduate years. A special feature allows borrowers who become full-time teachers of the handicapped or in areas which have a high concentration of low income families to cancel the full amount of the loan upon the completion of five years of service. Schools eligible for such consideration are listed each year in the Federal Register. The repayment of the loan may be deferred up to three years for Peace Corps, VISTA, and military service and indefinitely for graduate study (as long as half-time enrollment is maintained).

Ministerial Loans—The Ralph Depew, Fred and Daisy Hayden, and Grace Phillips Johnson Loan Programs are available to students who demonstrate financial need and are preparing for the ministry or other Christian Service. These loans are low interest loans with repayment requirements similar to the National Direct Student Loan. However, there are limited deferment privileges and no cancellation benefits.

Other Student Loans—Several loan funds—Class of 1963, Kiwanis Student Loan, Wilson Loan—have been established by various people and organizations to assist students. Various amounts not to exceed \$500 are available to students with academic promise and financial need. These loans have the same repayment conditions as the Ministerial Loans.

Grants

Basic Educational Opportunity Grant—Students who have a demonstrated financial need are awarded grants under this program. The maximum grant is \$1,800.00, and the average award is approximately \$900.00. Every student who qualifies is entitled to and will receive an award.

Milligan College Grants—Grants of various amounts are given to individuals who demonstrate exceptional financial need.

Campus Employment

College Work-Study Program—This federal program provides for part-time campus employment to students who are enrolled on at least a half-time basis. Eligibility depends upon financial need.

Milligan College Work Program—This program offers similar on-campus jobs for which Milligan provides the funds. Jobs on this program are awarded to students with a financial need first, but a student may participate in the program if he or she has a special skill.

Outside Agencies

Tennessee Student Assistance Award—This state-funded program provides tuition grants up to \$1,200.00 to Tennessee residents who plan to attend a Tennessee college or university and are able to demonstrate financial need. More information may be obtained by writing Tennessee Student Assistance Corporation, 707 Main Street, Nashville, Tennessee 37206, or by consulting the high school counselor.

Guaranteed Loan Program or United Student Aid Fund—Funds from these programs are borrowed for educational purposes directly from banks, credit unions, and other financial institutions in a student's hometown. These loans, which are generally based upon financial need, are guaranteed by state agencies, the Federal Government, or private non-profit organizations to enable the student to borrow without collateral or established credit. Details of the Guaranteed Loan Program vary from state to state, but in general students may borrow up to \$2,500.00 for the first two years of undergraduate study to \$5,000.00 aggregate for undergraduate education. Repayment commences nine months after termination of student status (unless deferred for military service, Peace Corps, or VISTA) although interest accrues from the date of the loan at the rate of 7 percent. For a student who proves to have a financial need equal to or greater than the amount of the loan approved, the Federal Government will pay the interest while the borrower is in school and for nine months thereafter and during periods of deferment for military, Peace Corps, or VISTA service. When the repayment phase begins, the student will repay the principal and interest (7%) at the minimum rate of \$30 per month. Details and forms concerning the Guaranteed Loan Program for the various states are usually available at a student's local bank, where the loan request must be filed.

Tuition Plan, Inc. and College Aid Plan—These two commercial plans are available to parents and students desiring to pay educational expenses in monthly installments. Through these two plans, parents may arrange payments for one to four years for loans covering up to \$15,000.00 for a four year period. Each program offers an insurance program which guarantees the payment of the loan in full in case of parents' deaths in either of the above plans payments are made by the financing company directly to Milligan College on or before the day of registration. Additional information may be obtained by writing the Office of Financial Aid.

Scholarships

Milligan College offers a number of scholarships to students who demonstrate academic promise and achievement. The program is designed to recognize students with outstanding academic records.

Carla B. Keys Scholarships—Scholarships of up to half-tuition are available to both prospective and currently enrolled students of the College who demonstrate exemplary records of Christian service and commitment, academic promise and achievement, and a financial need. Students applying for a Keys Scholarship should have at least a GPA of 3.5.

Honor Scholarships—An honor scholarship of \$750.00 is granted to the honor graduate who is enrolling in college for the first time from a standard Grade A high school. A scholarship of \$500.00 is granted to the student ranking second in a graduating class of 25 or more. A scholarship of \$350.00 is granted to the student ranking third in a graduating class of 50 or more.

At the end of each scholastic year, scholarships valued at \$750.00 will be granted to the highest ranking Milligan College freshman, sophomore, and junior. Scholarships of \$500.00 will be offered to the second ranking student in each of the three classes. Scholarships of \$350.00 will be offered to the third ranking student in each of the three classes. The student receiving the award must have carried 12 or more semester hours of academic credit during the term for which the award was made. Scholarship may be withheld for due cause. A student must have completed two full semesters in Milligan College in order to be eligible for a class rank scholarship.

Academic Scholarships—Students with outstanding records may apply for an academic scholarship which is based almost solely on previous grades and recommendations concerning academic promise. Juniors and Seniors may apply if their major is listed as one to be funded in a given year. A second category in which funds are available regardless of the major is available to Sophomores and second semester Freshmen. A third funded category (without designation of the major) is open to any student for his or her first semester at Milligan. The first category scholarship winners are determined by the Faculty in that area while the second and third category winners are determined by the Scholarship Committee. Applicants must apply to the Financial Aid Office by April 1 for the following year.

Philip Scharfstein Scholarship—A scholarship not to exceed \$500.00 per year is available to a person majoring in Business Administration who has a cumulative grade point average of 3.0 or higher. Preference will be given to graduates of local high schools.

Mary Hardin and Lonnie W. McCown Scholarship Fund—This scholarship program was established to help those students who need assistance for educational purposes. The recipient will be determined by the Scholarship Committee.

Milligan College Music Scholarship—A limited number of scholarships are awarded to students each year who demonstrate skill in vocal or instrumental music.

Mrs. L. M. Wood Scholarship—This scholarship in business administration and economics is awarded to an outstanding junior or senior.

Milligan College Scholarship—Scholarships of various amounts are given to individuals who demonstrate academic promise.

B. D. Phillips Memorial Music Scholarship—This scholarship is awarded to an upper classman who is a music major and who demonstrates financial need and academic ability.

Guy and Rhea Oakes Scholarship—This scholarship (usually \$250.00) is awarded each year to a returning student. The recipient is a student who has produced an excellent essay on "Why I Recommend Milligan to My Friends." The winner is determined by the Scholarship Committee.

B. Carroll Reece Scholarship—An annual scholarship of \$200 is available to help a needy student from the First Congressional District of Tennessee.

Vocational Rehabilitation

The State of Tennessee provides a service for physically handicapped civilian students in order that their employment opportunities may be equalized with those of unimpaired individuals. The service consists of a complete physical diagnosis and financial assistance in preparing for a vocation or profession.

Physically handicapped students from other states may qualify for aid for study in Milligan College through the vocational rehabilitation office of their state. For information about this service the student should write to the Business Office of Milligan College or to his state department of vocational rehabilitation.

The New G. I. Bill

Milligan College is eligible to receive veterans under the provisions of the new G. I. Bill, known as the Veteran's Readjustment Benefit Act of 1966 and also as Public Law 550 of the 82nd Congress.

To qualify, veterans must have an honorable discharge or release and have had active duty of more than 180 days, any part of which occurred after January 31, 1955. Veterans may qualify with less than 181 days if their discharge occurred after January 31, 1955, and was for a service-connected disability.

Payments will be made each month directly to the veteran. Students wishing additional information may contact their nearest Veterans Administration Office or write to the Business Office of Milligan College.

Each veteran is entitled to one month of educational benefits for each month or fraction of a month of creditable active duty after January 31, 1955. No veteran may receive more than forty-five months of entitlement. However, if a veteran is in training on his termination date, he may complete the semester in which he is currently enrolled.

Veterans must complete their program within ten years after their last discharge.

The Veterans Administration will provide counseling and vocational planning service for any veteran who needs this assistance.

War Orphans

Milligan College is also qualified to accept students under the provisions of Public Law 634 of the 84th Congress. This program gives financial aid for educational purposes to young men and women whose parent died of injuries or disease resulting from military service in World War I, World War II, or the Korean conflict. The student may obtain additional information and forms for filing application for such benefits by contacting his local Veterans Administration Office or writing the Business Office of Milligan College.



ACADEMIC INFORMATION

Requirements for a Degree

A student advancing to the baccalaureate may select the Bachelor of Arts or Bachelor of Science Degree. The Bachelor of Arts degree is conferred in all fields in which the College offers a major. The Bachelor of Science degree is conferred only in the fields of Business Administration, Health and Physical Education, Human Relations, Mathematics, Biology, Chemistry, and Secretarial Sciences. The major difference in the two degrees is that a foreign language is required for the Arts degree. The specific requirements for the Bachelor of Science degree in these fields are stated in the introduction to the Areas.

A total of 128 semester hours is required for graduation. A student transferring from another college must be in residence during the two semesters (may include one 9 week summer session) immediately preceding his graduation and must successfully complete not fewer than 30 semester hours in Milligan College.

To provide a foundation for advanced studies Milligan requires of all students the inclusion of the following courses in their program:

Bible 123-124, 471

Humanities 101-102, 201-202

Psychology 155 and three additional hours

Health and Physical Education, two hours of activity

Biology, Chemistry, or Physics, eight hours

Sociology, Economics, or Government, six hours

A demonstrated proficiency in mathematics. Students deficient in this area will be required to complete Mathematics 100.

Bible 123 and 124 must be taken in the first two semesters a student is enrolled in Milligan College.

Humanities 101 and 102 are required of all freshmen.

Humanities 201 and 202 are required of all sophomores.

The Health and Physical Education requirements should be satisfied in the freshman year.

The candidate for the degree must also present a major, minor, and electives to total 128 hours of credit. A student seeking a B.A. degree must complete a foreign language through the intermediate level.

The Associate in Science Degree requires 67 semester hours and is conferred in the field of Secretarial Science. A student seeking the AS Degree must complete not fewer than 30 semester hours in Milligan College. The specific course requirements are outlined in the introduction to the area.

Any student may graduate under the regulations prescribed in the catalogue in effect at the time of his entrance into this College, provided these requirements are met within six years; otherwise he will be required to meet current degree requirements. The six-year limitation will be extended for the length of time in military service for students who enter service after enrolling at Milligan.

Convocation

Each semester Milligan College sponsors a convocation series consisting of programs of a broad range of interest for the intellectual and spiritual growth of its students.

Attendance at these convocations is required of all students. If a student has more than four unexcused absences, he forfeits his eligibility to return to Milligan for the next semester.

Class Attendance

Milligan College makes no provision for a system of allowed absences, sometimes called "cuts." The student is expected to attend each meeting of the class in which he is enrolled. Absence from a session of the class involves a loss in learning opportunity for which there is no adequate compensation. The teacher's evaluation of the work done by the student will necessarily be affected by such absence. More than four unexcused absences in a three hour course will require the instructor to place an evaluation of "F" on the student's record for that course.

It is recognized that the student may have legitimate reasons for absences. Such reasons may include sickness as certified by a physician or nurse, death in the family, and participation in College activities off campus. Except in the case of sickness and death, all such absences must be approved in advance by the Academic Dean.

The College Calendar

The Milligan College calendar of classes is organized on a semester basis. Classes will be in session for 15 weeks plus the final examination period. The College also offers a summer session consisting of two 4½ week terms. In addition to these regularly scheduled terms students may earn one or two semester hours of credit in independent study during the period between the fall and spring semester and/or between the spring semester and the summer session. These inter-session courses shall count as residence credit.

Advisers

All students entering Milligan College are assigned a faculty adviser. At the beginning of his junior year the student automatically becomes the advisee of the chairman of the discipline in which the student is majoring.

The student must have his schedule of classes approved by his adviser before he is eligible to complete registration. Mid-term and semester grade reports are made available to the student through his adviser. Students are encouraged to consult with their advisers on a regular basis.

Majors and Minors

As the student progresses toward the baccalaureate degree, he will select a field of work for concentrated study. This selection will ordinarily be made early in the junior year and is subject to change only after consultation with the Dean, Registrar, and faculty adviser. Selection of a field of concentration may be made from the following: Bible, Biology, Business Administration, Chemistry, Christian Education, English, Health and Physical Education, History, Human Relations (includes Psychology, Sociology, Social Agencies, Youth Leadership and Government/Business Leadership), Humanities, Mathematics, Missions, Music, Philosophy, and Secretarial Science.

In addition to this field of major concentration, the student will select one field of minor concentration.

A transfer student must take at least six semester hours in Milligan in his major field of study.

Grade Point Average

The terms used in evaluating a student's work are letters with a grade point value. Advancement to the baccalaureate degree is contingent upon the completion of 128 semester hours with a total of 256 quality points. The grade point average (GPA) may be determined by dividing the total number of quality points by the semester hours attempted. The following table of values is observed in all courses.

A—Excellent—four quality points for each semester hour.

B—Good—three quality points for each semester hour.

C—Average—two quality points for each semester hour.

D—Poor—one quality point for each semester hour.

S—Satisfactory—not computed in grade point average.

F—Unsatisfactory—no quality points.

U—Unsatisfactory—no quality points.

W—Withdrawn.

Students withdrawing officially from classes before mid-term will receive "W's." Students withdrawing after the mid-term will have their achievement evaluated by the grade "W" or the grade "F."

Correspondence Credit

Students desiring to take correspondence courses through another college must have written approval from the Academic Dean. Only six semester hours of correspondence study are recommended, and no more than 12 semester hours will be accepted toward a degree program. A student enrolled for a correspondence course must count the number of correspondence hours with his regular semester load in determining a full load for the semester. When a student completes a correspondence course, he should request a transcript to be sent to the Registrar of Milligan College.

Honors

The degree may be awarded with honors to a student who has completed all requirements for a baccalaureate degree. Transfer students may not receive honors greater than the level warranted by the grade point average earned at Milligan.

The degree with honors is divided into three levels as follows: Summa Cum Laude, based on a grade point average of 4.00; Magna Cum Laude, based on a grade point average of at least 3.75; and Cum Laude, based on a grade point average of at least 3.33.

At the close of each semester, the Office of the Academic Dean publishes a list of students who have done outstanding work during that semester. The Dean's First List is composed of students whose semester grade point averages were 3.75 to 4.00. A student must have had a 3.5 to 3.749 to be placed on the Dean's Second List.

Probation

A student who fails to receive a 2.0 grade point average during any semester of his program in Milligan will be placed on academic probation. If the student fails to achieve a 2.0 the following semester, the College is not obligated to grant him the privilege of further study at Milligan College.

Milligan College is seriously concerned that every student who enters the College make progress toward the attainment of a degree. Consequently academic progress is judged to be paramount to the many extra-curricular activities that are available to students at Milligan. Every student is encouraged to participate in extra-curricular activities; but in those cases where participation is deemed to be detrimental to the student's academic progress, it is the policy of the College to limit such participation. Thus, when a student's semester grade-average falls below 2.0 he/she may not participate in athletic, dramatic, musical, or other events representing the College except by special arrangement with the Academic Committee of the College.

Reports

The Registrar will issue to the parent or guardian the faculty evaluation of each student's work following mid-semester and final examinations.

Classification

Progression toward the baccalaureate degree is measured by four ranks or classes, each entailing certain prerequisites and each carrying certain recognitions. The period of an academic year must ordinarily be allowed for attainment of the next higher rank.

Transcripts

Official transcripts of the student's record in Milligan will be furnished only upon the request of the student.

One transcript will be issued to each student without charge; subsequent transcripts will be issued at the rate of one dollar each.

Transcripts are withheld if the student or alumnus has an unsettled financial obligation to the College.

Withdrawal

No student may withdraw from the College without the permission of the Academic Dean. Upon securing the consent of the Dean the student is expected to meet all obligations involving his instructors, fellow students, Deans, Dormitory Residents, Business Manager, and Registrar.

Any student who leaves the College without fulfilling these obligations will receive an "F" in each course in which he is enrolled and will forfeit any returnable fees he may have paid the College.

Medical and Law Students

The pre-medical and pre-dental programs at Milligan are highly competitive and quite variable, depending upon the student's choice of major and minor. Milligan graduates have generally been successful in obtaining admission to medical and dental schools throughout the nation. Additional information may be obtained from the pre-medical and pre-dental advisers.

Milligan College does not recommend or offer a major in "pre-law" as such. This stand is in keeping both with the broad educational philosophy of Milligan College and the philosophy expressed by the Statement of the Association of American Law Schools on Prelegal Education. American law schools do not encourage the undergraduate student to "learn the law," but rather stress the necessity of the pre-law student's acquiring certain comprehensive skills, such as "comprehension and expression in words," "critical understanding of human institutions and values," and the development of "creative power in thinking." While therefore a student planning for a specific phase of the law (e.g. tax law) may find certain undergraduate majors or courses desirable (e.g., business or accounting), any solid academic major is equally acceptable to American law schools and recommended by Milligan College.

The Baccalaureate degree will be conferred by Milligan College upon a student who enters a standard medical or law college before completing his baccalaureate degree, subject to the following conditions.

Completion of six semesters of work in residence in Milligan College.

Fulfillment of the specific course requirements for the degree while in Milligan College.

Submission to the Registrar of the credits earned in the medical or law school.

CO-OPERATIVE PROGRAMS

The dual-degree program enables students to enjoy advantages of the distinctive ministries of two colleges. Students completing specified degree programs in Atlanta Christian College, Johnson Bible College, Kentucky Christian College, Mayland Institute, or Minnesota Bible College are able to complete teacher certification requirements while qualifying for the Milligan degree. Mutual recognition of credit enables students to transfer with more ease when vocational choices require preparation not available in their present school. Further information may be obtained by writing the Academic Dean.

Engineering Students

Special arrangements have been made with Georgia Institute of Technology and Tri-State College whereby a student completing a three year program in Milligan may receive his Baccalaureate degree from Milligan and his engineering degree from the engineering school. The student must complete the same requirements in Milligan College as are outlined for medical and law students.

Mortuary Science

Milligan College has a co-operative program with Indiana College of Mortuary Science. The program requires a minimum of 90 semester hours of academic work at Milligan College and one year professional training at Indiana College of Mortuary Science. Upon successful completion of the four year program and upon

receiving a satisfactory score on the National Board Examination sponsored by the Conference of Funeral Service Examining Boards, the student would be eligible to receive a Bachelor of Science degree from Milligan College. The 90 semester hours required in Milligan College will include 60 hours of general liberal arts courses including social studies, science, and the humanities. In addition, the student will complete an academic minor in one of the areas of the humanities, social sciences, sciences, or business.

Nursing

Milligan College students may pursue a course of study leading to a Bachelor of Science in Nursing degree from East Tennessee State University. The freshman and sophomore years are taken at Milligan College. The junior and senior years are offered through East Tennessee State University. Interested persons should contact the Office of the Academic Dean, Milligan College, Tennessee 37682.

ROTC

Milligan College students are eligible to participate in the Reserve Officers' Training Corps program through East Tennessee State University. Interested persons should contact the Office of the Academic Dean for further information.

The Bachelor of Science Degree with a Major in Medical Technology

Milligan College is officially affiliated with the Holston Valley Community Hospital School of Medical Technology, Kingsport, Tennessee. A Milligan student may become eligible for the Registry and also the Bachelor of Science degree with a major in Medical Technology by:

(1) Successfully completing the three year curriculum of Milligan classes which include the required foundation courses for the bachelor of science degree plus the following courses: Math 111, 112, Chemistry 103-104, 301-302, 310, Physics 201-202, Biology 110, 140, 240, 340, 380, Parasitology,* and Immunology.

(2) Successfully completing the approved program (12 months) in the Holston Valley Community Hospital School of Medical Technology, Kingsport, Tennessee, or a similar program in some other approved school.

(3) Qualifying for the Registry.

*Taken at East Tennessee State University.

Home Economics Education

A program leading to the Bachelor of Science Degree in Home Economics Education is available through a cooperative program between Milligan College and the Home Economics Education Department of East Tennessee State University. Students who elect this program will complete the freshman and sophomore years at Milligan and then transfer their accumulated credits to E. T. S. U. Upon the successful completion of the junior and senior years, E. T. S. U. awards the degree.

OFF CAMPUS CENTERS

The College has Off-Campus Centers in West Lafayette, Indiana (Mr. Douglas Dickey, Director), Joppa, Maryland (Mr. Bob Owens, Director), and Indianapolis, Indiana (Dr. E. LeRoy Lawson, Director).

These Centers provide credit instruction in Bible and Greek with supervision by full-time faculty in these areas.

WESTWOOD CHRISTIAN FOUNDATION

The Westwood Christian Foundation, Los Angeles, California, exists for the purpose of supporting Christian scholarship in great centers of learning. Milligan, along with other undergraduate and graduate institutions in California and elsewhere, is associated with the Foundation. The Executive Director of the Foundation is Dr. Robert O. Fife, Professor-at-Large in Milligan College.

AREAS OF INSTRUCTION

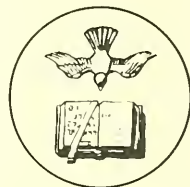


AREAS OF INSTRUCTION

Milligan College proceeds upon the assumption that all knowledge is one. The modern practice of fixing the data of learning in separate categories is not looked upon with favor at Milligan; too much has already been seen of the fruits of the separation of culture, technology, and faith. However, there is value in recognizing man's basic areas of learning; that which comes from the revelation of God, that which derives from human experience, and that which is seen in nature. Milligan provides for the isolation of these areas of knowledge, only with the understanding that this division of studies will be made the instrument of greater cooperation and sympathy among the several fields of scholarly investigation. Milligan thus organizes its academic program into five areas of learning: the Area of Biblical Learning, the Area of Humane Learning, the Area of Social Learning, the Area of Scientific Learning, and the Area of Professional Learning. Each of the areas is presided over by an academic chairman, and these chairmen, together with the Academic Dean, constitute the Academic Committee, whose responsibility it is to determine curricula and academic policies.

Area of Biblical Learning

Dr. Henry Webb, Chairman



BIBLE

The Bible, the supreme written revelation of God to mankind, is the hub of the curriculum in Milligan College. The Bible is not only a treasury of the world's best literature, history, philosophy, and ethical wisdom but also the mind and will of God laid bare to the human race. It speaks, therefore, to every human situation and area of learning because the mind and will of God embrace all of these. Consequently, no one can accurately call himself an educated person until he has acquired at least a working knowledge of God's purpose as expressed in the Scriptures.

A knowledge of the Bible and skill in its interpretation take account of the historical setting—geographical, cultural, linguistic, social—of the peoples to whom the Bible was first given. Only by such careful study and training can the vastness and complexity of the Bible yield the religious and cultural synthesis sought in Milligan.

The first aim of Biblical study is to introduce each student to the content of the Christian revelation in such a way as to assist him in effective living and service in any vocation. The vocational aim is also met by such study directed toward specialized ministries.

In addition to the Bible courses which are required of all students in Milligan College (Bible 123-124-471), the major in Bible consists of thirty hours which must include six hours of New Testament (selected from 201, 202, or 286), six hours of Old Testament, History 341-342, 421-432, Christian Ministries 280-281 (for two hours) and Christian Ministries 275-276 or an acceptable Christian Ministries option that augments the student's vocational objectives.

The Bible minor shall consist of eighteen hours equally distributed between Old and New Testament studies, but it shall not include Bible 471. The student minoring in Bible is urged to consult with the Area Chairman in the selection of these courses.

Old Testament

123. **Old Testament Survey**—An examination of the Old Testament, its content, background, and significance. Required of all students. Three semester hours.
251. **History and Institutions of Israel**—A study of the social, political, and religious institutions of ancient Israel. Three semester hours.
252. **Biblical Archaeology**—A study of the history and techniques of archaeology in the Biblical world as a historical science together with a survey of Palestinian history as reconstructed by latest archaeological evidence. The uses of archaeological data for Biblical studies will be emphasized. Three semester hours.
285. **Seminar in Palestine**—An intersession tour of Israel involving prior reading, travel to significant historical and archaeological sites in Israel, travel notes, and evaluation. Credits earned may be applied toward major requirements for Bible in upper level Old Testament. Prerequisite: Old Testament Survey and New Testament Survey or equivalent. Three semester hours.
- 301-302. **The Prophets**—A careful exegetical study of the prophetic books of the Old Testament to determine the character, message, and social and political background of each prophet. Three semester hours each semester.
421. **Post-Exilic Prophets**—A study of those passages in prophetic works which pertain to the development of the Hebrew-Jewish community which resumed in Jerusalem and Judah after the Exile. Three semester hours.
422. **Intertestamental Literature**—A survey of the types of Jewish literature (i.e., apocryphal, pseudepigraphic, wisdom, apocalyptic) and their contents which were influential in the development of Judaism in the last two centuries B.C. and in the first century A.D. Three semester hours.

New Testament

111. **Linguistics for Bible Translation**—An introductory seminar sponsored jointly with Pioneer Bible Institute. The course includes an introduction to generative linguistics and anthropology with special emphasis on skills pertinent to Bible translation and an overview of phonetics, syntax and semantics with classroom work entirely from the Biblical Record. One semester hour.
124. **New Testament Survey**—A study of the New Testament, including a survey of its Jewish and Hellenistic backgrounds. Required of all students. Three semester hours.
201. **The Life of Christ**—A study of the four Gospels with the intent of showing Christ as a person, teacher, and minister. Also treated in the course is the harmony of material in the Gospels. Three semester hours.
202. **The Book of Acts**—A study of Acts with emphasis upon the establishment and extension of the Church. Three semester hours.
261. **Biblical Faith and Contemporary Culture**—A study of the relationships between Biblical faith and contemporary Western Culture with special reference to the particular interests and areas of study of those taking the course. Available at Purdue Center only. Three semester hours.
286. **Seminar in Palestine**—An intersession tour of Israel involving prior reading, travel to significant historical and archaeological sites in Israel, travel notes, and evaluation. Credits earned may be applied toward major requirements for Bible in upper level New Testament. Prerequisite: Old Testament Survey and New Testament Survey or equivalent. Three semester hours.
290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
311. **The Parables of Jesus**—A concentrated study of the role of the parables in the teaching and ministry of Jesus. There will also be a study of the history of the interpretation of the parables from the early Church to the present. Two semester hours.
321. **Later Pauline Epistles**—An exegetical study of Philippians, Colossians, Philemon, and Ephesians. Three semester hours.
322. **Pastoral Epistles**—An exegetical study of 1 and 2 Timothy, and Titus. Three semester hours.
323. **Hebrews and James**—An exegetical study. Three semester hours.
324. **Johannine Literature**—An exegetical study of 1, 2, and 3 John, and Revelation. Three semester hours.
- 411-412. **Major Pauline Epistles**—An exegetical study of 1 and 2 Thessalonians, 1 and 2 Corinthians, Galatians, and Romans. Three semester hours each semester.
471. **Christ and Culture**—A study of the impact of the Christian faith as found in the New Testament upon contemporary Western culture. Required of all seniors. Three semester hours.

Church History

341-342. **Church History** (See History 342-342).

431-432. **Reformation of the Nineteenth Century** (See History 431-432).

CHRISTIAN MINISTRIES

Field Work—A program designed to encourage Bible and Christian Education majors to become involved in the life of the church at some local level. Cooperation of the area churches opens opportunities for youth work, Bible School teaching, choir directing, and other forms of Christian service and experience. During the first two years of study it is recommended that such relationships be on a

voluntary basis. With maturity and development most upper classmen will establish some remunerative relationship with some congregation.

250. Church Growth—An examination into the nature of evangelism and a study of the various methods of conducting evangelistic activity in different cultural contexts. Consideration is also given to conservation of the results of evangelism. Three semester hours.

270. Introduction to Christian Missions—A study of the Biblical and theological basis for missions, pointing out the implications of ecumenics, anthropology, and changing world conditions for present missionary practice. Three semester hours.

271. History of Christian Missions—A survey of the beginning and progress of missions since the beginning of Christianity. Three semester hours.

275-276. Homiletics—A study of the theory and art of preaching. Two semester hours each semester.

280-281. Practicum in Ministry—Involvement in ministry either in a local congregation or on a mission field under approved supervision and involving adequate evaluation. Arrangements are to be made through the Area Chairman. One to three semester hours each semester. **Note:** This requirement may be met through a summer program of not less than eight weeks by advance arrangement with a local church or mission.

452. Pastoral Counseling (See Psychology 452).

477. Church Administration—An examination of the organizational, promotional, stewardship, evangelistic, and worship responsibilities of the ministry with a view toward equipping the student to assume these responsibilities. Two semester hours.

RELIGION

350. Comparative Religions—A comparative investigation of the structure and content of primitive, ancient, and contemporary religions of man. The study includes consideration of major doctrines, figures, and developments. Three semester hours.

351. Philosophy of Religion (See Philosophy 351).

495. Seminar—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

MISSIONS

The missions program at Milligan is structured for persons whose primary commitment is to the mission mandate of the Church, whether those persons plan to work in mission situations in their own local areas or in environments away from home.

The strength of the missions program lies in its interdisciplinary nature. It is, purposely and by design, rooted in the area of Biblical learning, since our understanding of the universe and our own places in it is predicated upon our understanding of God's purposes for mankind as revealed in the Scriptures. However, recognizing at the same time that effective missionary ministry also necessitates an understanding of man's nature, the missions program incorporates a solid foundation in the social sciences. It is this unique combination of the two disciplines—Bible and Sociology—which comprises the core of the missions program.

The six semester hours of the Practicum in Ministry (CM 280-281) are especially important, since they are specifically designed to allow the student to gain experience in missions in a supervised field situation while under the direction of his faculty adviser.

Because it is interdisciplinary in nature, the missions program includes within it both a major and a minor. Furthermore, if the student wishes to add to his program, he may, in consultation with his faculty adviser and the respective Area Chairmen, work toward a double major and/or a double minor. The student will advance toward the Bachelor of Arts degree.

Required

New Testament courses	6 hours
Old Testament courses	6 hours
History 341-342 Church History	6 hours
History 431-432 Reformation of the 19th Cen.	6 hours
Christian Missions 270 Intro. to Christian Missions	3 hours
Christian Missions 271 History of Christian Missions	3 hours
Christian Ministries 280-281 Practicum in Ministry	6 hours
Sociology 210 Intro. to Cultural Anthropology	3 hours

Group Requirement—Four of the following seven courses must be completed.

Sociology 303 Family	3 hours
Sociology 314 Race and Ethnic Relations	3 hours
Sociology 401 Sociological Research	3 hours
Sociology 403 Urban Sociology	3 hours
Sociology 414 Seminar in Kinship	3 hours
Sociology 421 Sociology of Religion	3 hours
Sociology 461 Dynamics of Culture change	3 hours

Electives—The following courses are recommended.

Christian Missions 250 Church Growth	3 hours
Psychology 452 Pastoral Counseling	3 hours
Christian Missions 275-276 Homiletics	4 hours
Christian Missions 477 Church Administration	2 hours
Other Bible courses	
Other Sociology courses	

RELIGIOUS EDUCATION

The program in Religious Education is designed to serve persons who wish to combine a strong Bible program with work in both Christian Education and professional education. Though the program does not lead directly to teacher certification, the student may elect additional courses, sometimes requiring an additional semester, and be granted such certification. Ministers' wives and those looking toward graduate work in religious education may find this program valuable. It is also designed as a terminal program for those who would function as youth ministers, church secretaries, and Christian education workers in local churches. With certification, the program is ideal for Christian day-school teachers, missionary educators, etc.

The Religious Education major consists of Religious Education 261, 304, 308, in addition to those courses which are required for a Bible major. This program is correlated closely with the program in teacher education in Milligan College.

Required courses for the minor in Religious Education will be determined in consultation with the Area Chairman.

261. Introduction to Christian Education—A survey course introducing the student to the total program of Christian Education in the local church. Principles, organization, curriculum, methods, leadership, and kindred matters are treated. Three semester hours.

304. Materials and Methods of Christian Education—A study of the materials, methods, agencies, and programs used in the Christian nurture of children and youth. Special emphasis is placed upon the opportunities for Christian teaching seen in Daily Vacation Bible School, graded worship, expressional groups, and Christian camping. Three semester hours.

308. **Organization and Administration of Christian Education**—A study of church educational organizations and activities with an emphasis on administering these activities. Two semester hours.
317. **Organization and Administration of Youth Programs**—An examination into various aspects of the Ministry to Youth and of the organizational structures upon which such ministries are based. Two semester hours.
318. **Materials and Methods of Youth Ministries**—A study of the available resources for ministering to the needs of youth in the Church. Two semester hours.



PHYLLIS FONTAINE, REGISTRAR

Area of Humane Learning

Dr. William C. Gwaltney, Jr., Chairman



Human achievement in the arts of thought and expression is one of the major studies of a liberal arts college. The aims of humane learning are the recognition and study of the ideas which have liberated and enriched the human spirit, the analysis of the various linguistic, graphic, and musical forms which have delighted the imagination of man, and the stimulation of creative expression of thought and emotion. Thus the "humanities" in partnership with science and revelation contribute to the freedom and moral potency of the human spirit. In the study of the humane disciplines, Milligan seeks to emphasize what is basic, feeling that a collegiate education should first of all equip men and women with a love for correct thinking and right living. Men and women so equipped will master whatever occupation they choose for a livelihood.

In the humane studies are grouped art, English, speech, foreign languages, music, humanities, and philosophy. At the present a major may be taken in the fields of English, philosophy, music, and humanities. A minor can be taken in art, French, German, English, Greek, philosophy, music, and theatre arts.

HUMANITIES

The purpose of the major in humanities is to allow Milligan students to pursue an interdisciplinary course of study to fulfill the aims of the Area of Humane Learning. Although the major is not structured as a prevocational course, it does provide a broad undergraduate education from which a good student can move into several graduate programs or into secondary school teaching. It focuses upon the great ideas which have shaped history and created contemporary civilization.

Requirements for the humanities major are as follows: 24 hours of junior and senior level course work, including at least three hours of Humanities 490 and selected courses from among the disciplines of history, literature, philosophy, fine arts, foreign language, and Bible.

Each student majoring in humanities will work with an advisory committee selected from the humanities staff. Together they will design a program to meet the needs and desires of the individual student.

Students majoring in humanities will be encouraged to fulfill requirements for a minor from one of the above disciplines. However, students minoring in other fields may still major in humanities. There is no humanities minor.

100. Writing Lab—A course providing extra instruction to freshman students who have below average writing skills. The course includes work in basic sentence structure, paragraph structure, and grammar. Students also learn to organize and develop an essay. One semester hour. Not applicable toward any major or minor.

101-102. Humanities—An interdisciplinary course involving extensive reading in history, literature, philosophy, fine arts, and comparative religion as well as concentrated work in composition. Special attention is given to instruction in writing and to the history of civilization from prehistory to the eighteenth century, taking an integrated approach to learning. Six semester hours each semester.

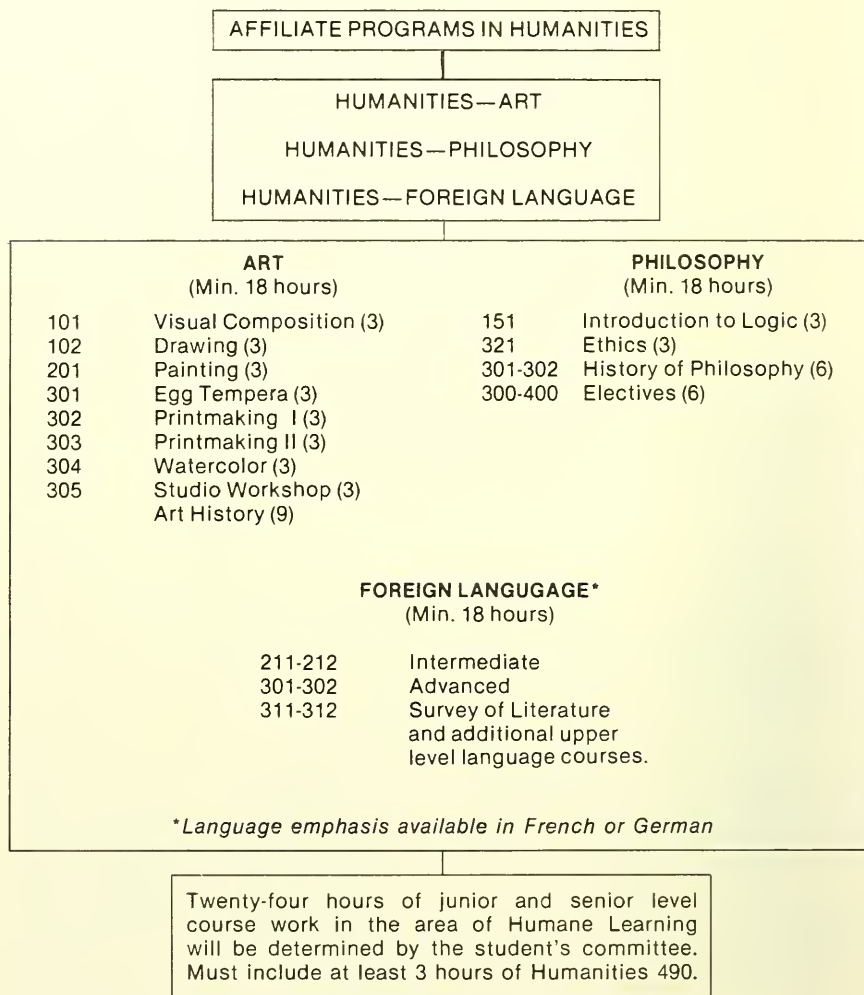
- 201-202. Humanities**—A continuation of the program of Humanities 101-102. Particular attention is given to the idea of progress and the general optimism of the nineteenth century as well as the anxiety and despair manifested in the twentieth century. World literature, philosophical themes, and artistic movements are given special emphasis. Six semester hours each semester.
- Note:** Humanities 101-102 is a required course of study for all freshmen working toward an A.S., B.A., or B.S. Degree. Humanities 201-202 is a required course of study for all sophomores working toward a B.A. or B.S. Degree.
- 200. Humanities European Study Tour**—A study tour of 12 European countries, visiting sites of historical and cultural significances. In addition to the travel students will complete reading and writing assignments and fulfill all the academic obligations outlined by the tour professor. Humanities 200 may be taken in lieu of Humanities 201 or 202. Students who have completed the required Humanities sequence may petition for credit in art or history. Prerequisite: Humanities 101-102. Six semester hours.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 490. Reading and Research in the Area of Humane Learning**—An individualized course of study to be determined by the student and his advisory committee. At least three hours of Humanities 490 will be required for every humanities major. Students writing an undergraduate thesis in humanities may be allowed up to 12 semester hours of Humanities 490. One to six semester hours per semester.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



AFFILIATE PROGRAMS IN HUMANITIES

The Affiliate Programs in Humanities permit a student majoring in humanities to specialize in one of three areas: art, philosophy, or a foreign language. Such programs would be especially advantageous to students wanting to do graduate study in one of these three areas without sacrificing the opportunity of doing the broader cross disciplinary humanities major at the undergraduate level. Students can also meet teacher certification requirements at the secondary level in the areas of art and foreign language.

The requirements for the above majors include a minor in the field of concentration, additional courses in the area of Humane Learning to be determined by a committee from the area and chaired by the person responsible for the minor, and a suitable project or paper in Humanities 490.

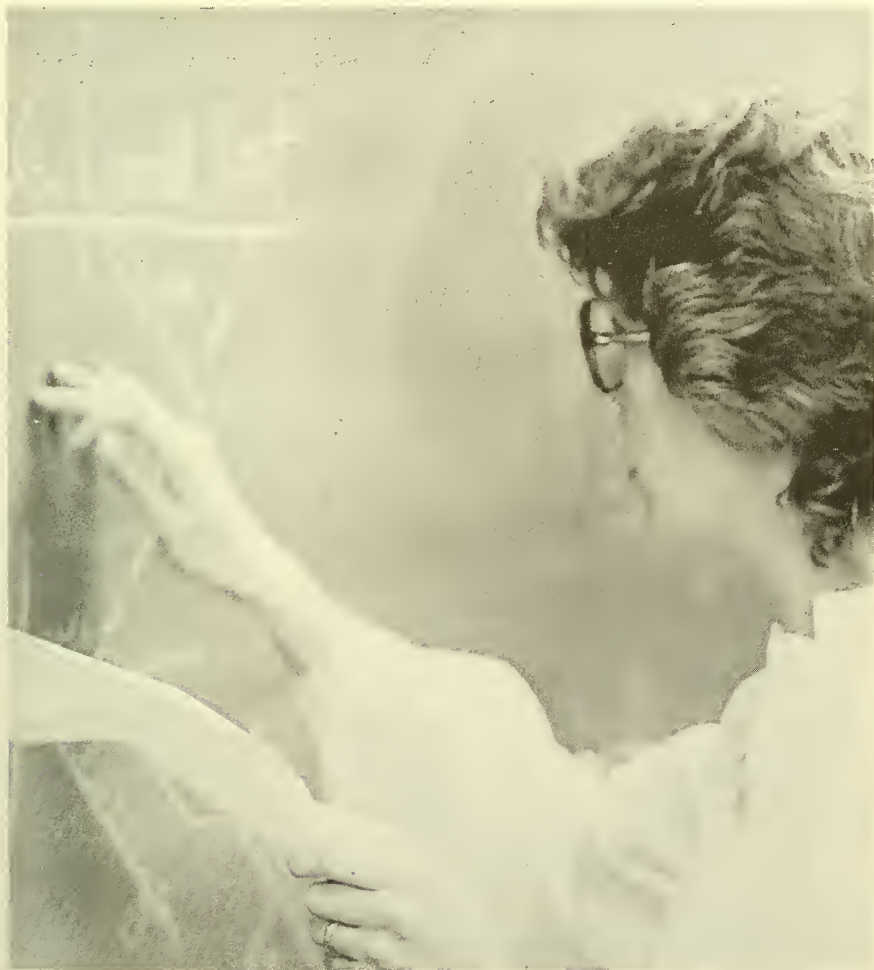


ENGLISH

The course of study in English language and literature is designed to enable the student to write clearly and effectively, to read with appreciation, enjoyment, and understanding, and to construct intelligent standards for the critical evaluation of literature.

The major in English consists of thirty semester hours which must include English 304 or 305 and 460 or 461. Students having completed two years of Humanities will be credited with six hours toward the English major. The remaining twenty-four hours required for the major may be selected from the following five areas of the English offerings with the proviso that the student take a minimum of one course from at least four of the five areas: History and Structure of English (311, 312, 313); Medieval and Renaissance Literature (430, 460, 461, 462); Restoration and Eighteenth Century Literature (361, 432); Nineteenth Century Literature (304, 434, 435); Modern Literature (305, 402, 411, 412). Six hours of junior or senior level speech courses may be applied to an English major.

The minor in English consists of eighteen hours which may include six hours of humanities and must include courses in both American and English Literature.



211. **Special Studies in Literature**—A reading and discussion course designed to introduce famous themes, types of literature, or contemporary emphases in literary writings. Not applicable toward the English major or minor. One or two semester hours.
290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not covered in a single course. Not open to freshmen. One to three semester hours.
- 304-305. **Survey of American Literature**—A study of the literature of the American people with special attention to the writings of the major authors. Collateral reading is assigned in the American novel. Three semester hours each semester.
311. **Advanced Grammar**—Advanced study in the principles of English grammar with attention to sentence structure, vocabulary, spelling, and verb forms. Offered alternate years. Three semester hours.
312. **Introduction to Linguistics**—A study of the basic principles of linguistic analysis as specifically applied to the English language. Offered alternate years. Three semester hours.
313. **History of the English Language**—A survey of the development of the English language from its origins to the present. Offered alternate years. Three semester hours.
354. **Children's Literature**—A study of children's literature designed to acquaint the student with the literary contributions suitable for elementary grades. Applicable toward an English major only for those certifying in elementary education. Three semester hours.
361. **Novel**—A study of the history and development of the novel as a literary type with special emphasis on the British novel and the American novel. Three semester hours.
375. **Philosophy in Literature**—(See Philosophy 375).
402. **Short Story**—A study of the development of the short story with some attention to creative writing. Offered alternate years. Two semester hours.
- 411-412. **Contemporary Literature**—A study of leading writers of fiction, poetry, and drama in the Twentieth Century, including English and non-English writers. This is a seminar course, involving discussions, independent research, and oral presentations. Three semester hours each semester.
430. **Medieval Literature**—A study of poetry, prose, and language from the Norman Conquest to the Fifteenth Century with emphasis on Chaucer and his contemporaries: Langland, Gower, Petrarch, and Boccaccio. Three semester hours.
432. **Restoration and Eighteenth Century Literature**—A study of selections of prose and poetry from the major writers of the Restoration and Eighteenth Century. Collateral reading of background materials is drawn from the writings of scientists, philosophers, historians, and other contributors to the cultural and intellectual milieu of the period. Three semester hours.
434. **Romantic Movement**—A study of the Romantic Movement in England with special emphasis upon the great poets of the period. Offered alternate years. Three semester hours.
435. **Victorian Period**—A study of the fascinating contradictions of the second half of the Nineteenth Century as expressed in the major poets, essayists, and novelists of the period. Offered alternate years. Three semester hours.
- 460-461. **Renaissance Drama**—An examination of most of Shakespeare's plays with collateral reading in the works of his fellow playwrights from the early Tudor beginnings to the Restoration. Three semester hours each semester.

462. **Renaissance Poetry and Prose**—Careful readings of the works of Spenser, Sidney, the Metaphysical poets, and Milton. Offered alternate years. Three semester hours.
490. **Independent Study**—Independent work for Senior English Majors in an area of the student's interest. The student's program will be under the supervision of one of the members of the English faculty. One to three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

FINE ARTS

The study of the fine arts gives expression to the aesthetic unity of the various forms and modes of Art. At the same time it increases both the ability for aesthetic response and the understanding of that experience. The Sub-area of Fine Arts includes the curricula of art and music.



ART

The art courses at Milligan College are designed to accommodate both the serious and casual student. It is possible to obtain both an art minor and a Humanities-Art major, and every student in a small liberal arts college can benefit from an experience in making and/or appreciating works of art. Therefore, neither the studio nor art history courses require previous experience. It is suggested, however, that either (or both) Art 101—Visual Composition and Art 102—Drawing may be considered valuable as introductions to studio art.

The minor in art consists of 18 hours which must include Art 101, 102, 201, 420, 421, and 422.

101. **Visual Composition**—A study of the fundamental concepts in the design or organization of pictures, as well as a development of sensitivity to various kinds of visual forms. Three semester hours.
102. **Drawing**—An introduction to basic drawing concepts through experimentation in various media. Three semester hours.
201. **Painting**—An introduction to elementary painting concepts and techniques in either oil or acrylic. Three semester hours.
290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
302. **Printmaking I**—The making of relief prints, using wood and linoleum. Offered alternate years. Three semester hours.
303. **Printmaking II**—The making of intaglio prints, using such varied methods as etching, drypoint, and aquatint. Offered alternate years. Three semester hours.
304. **Watercolor**—An introduction to various techniques in landscape watercolor painting. Offered alternate years. Three semester hours.
305. **Studio Workshop**—An open studio course especially designed for those students interested in pursuing any art project or medium not listed in the catalog. It also may be used by those desiring further, more intensive work in a medium listed in the catalog. Three semester hours.
311. **Art for Elementary Teachers**—Designed to acquaint students certifying for elementary education with objectives, materials, and procedures for the elementary school arts program. Not applicable towards art minor or Humanities-Art major. Three semester hours.
420. **Art History—Prehistoric Through Renaissance**—A survey of painting, sculpture, and architecture. Offered alternate years. Three semester hours.
421. **Art History—Baroque through Mid-Nineteenth Century**—A survey of painting, sculpture, and architecture. Offered alternate years. Three semester hours.
422. **Art History—Mid-Nineteenth Century through Mid-Twentieth Century**—A survey of painting, sculpture, and architecture. Offered alternate years. Three semester hours.
423. **Art History—Mid-Twentieth Century to Present**—A survey of painting, sculpture, and architecture. Offered alternate years. Three semester hours.
490. **Independent Study**—Independent study in an area of art agreed upon by the student and instructor. One to three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

MUSIC

The music program proposes to promote understanding and enjoyment of music in the College at large and to provide specialized training for those who plan careers in music. Milligan College offers both a major and minor in music. Students who participate in music should realize that this is an experience in aesthetics as well as in musical proficiency. Details of music requirements may be found in the Music Handbook.

Each student majoring in music selects either voice, piano, organ, or an orchestral instrument for his primary area of concentration and must complete "applied Level X" requirements and present an acceptable senior recital. Music majors must be enrolled in an ensemble each semester that they attend Milligan College. The music major includes Music 143-4, 145-6, 243-4, 245-6, 381-2, 363, 385-6, and the applied music discussed above. All music majors must pass Freshman Comprehensive 199 at the end of the freshman year and Sophomore Comprehensive 299 at the end of the sophomore year. For those majoring in music and certifying to teach music, music shall be considered both the major and minor. In addition the music student wishing to certify to teach shall take the following: Music 221, 222, 451, 452, Psychology 404, Education 407, and 461.

Milligan College offers a church music program designed specifically for those who wish to work with music in the church. Candidates will be trained in piano, conducting, voice, and building a graded choir for all ages. Opportunities for field work in local churches will broaden the student's musical and spiritual education while helping local congregations build their music programs. The church music major consists of Music 143-4, 145-6, 243-4, 245-6, 221-2, 363, 381-2, 385-6, 451-2, 462 (Hymnology), and 481. Twelve hours of applied music with a proficiency examination and seven hours of ensemble will be required.

The music minor consists of Music 143-144, 145-146, 381 or 382 or 301, 363, and applied music distributed as follows: a primary area (attaining Level VI and passing Senior Proficiency 499), a secondary area (attaining Level IV), and an ensemble each semester.

Auditions for senior recitals will be held at the beginning of the semester in which the recital is to be given, and recital material must be memorized at that time.



Music Theory

- 143-144. **Basic Music Theory**—A course in beginning written theory and keyboard. Three semester hours each semester.
- 145-146. **Basic Ear Training**—A partially programmed freshman course covering identification, sightsinging, and dictation. One semester hour each semester.
- 243-244. **Advanced Music Theory**—A course in advanced concepts in music theory and keyboard. Prerequisite: Music 143-144. Three semester hours each semester.
- 245-246. **Advanced Ear Training**—A sophomore course in advanced study of material similar to 145-146. One semester hour each semester.
343. **Counterpoint**—A survey of contrapuntal methods with a historical approach and exercises in the most important styles. Prerequisite: Music 243-244. Three semester hours.
344. **Orchestration**—A survey of the musical instruments, their styles, historical practice, and use in ensembles. Prerequisite: Music 143-144. Three semester hours.
- 385-386. **Form and Analysis**—A study of major forms of music from the Baroque period through the twentieth century. Two semester hours each semester.

Music Literature and History

301. **Understanding Music**—Studies in techniques, forms, and style of music to acquaint the non-music major with the elements of musical culture. Three semester hours.
- 381-382. **Music History and Literature**—A survey of the development of Western music and studies of major composers and styles. Three semester hours each semester.

Music Education

- 221-222. **Instrumental Methods**—Basic performing, teaching and maintenance techniques for the string, brass, woodwind, and percussion instruments, as well as selection of materials, methods, and instruments. One semester hour.
351. **Music in the Elementary School**—Teaching music in the classroom kindergarten through sixth grade. Studies in the development of the child's musical abilities are included. Not open to music majors. Three semester hours.
451. **Methods and Materials for Elementary Music**—A study of teaching methods and materials of music for children including studies of the child's musical development. Three semester hours.
452. **Methods and Materials for Secondary Music**—A study of Philosophy, curriculum, methods and materials of teaching music and directing ensembles. Three semester hours.
481. **Practicum in Church Music**—Applied music experience in an approved church music program. Six semester hours.

Conducting

363. **Basic Conducting**—A study of conducting patterns, elements of interpretation, and practice in sightsinging. Prerequisite: Music 144 and 146. Two semester hours.
364. **Advanced Conducting**—Choral conducting, including problems of tone, balance, and interpretation. Prerequisite: Music 363. Two semester hours.

Seminars

462. **Seminar**—Seminars in specific areas of music for advanced students in voice pedagogy, piano pedagogy, composition, accompanying, hymnology, organ literature, and opera workshop. Two semester hours.

Comprehensive Evaluations

199. **Freshman Comprehensive**—A test of general music accomplishment at the end of the first year. See Music Handbook for details.
299. **Sophomore Comprehensive**—A test of general accomplishment at the end of the second year of music study. See Music Handbook for details.
499. **Senior Proficiency**—A test of general accomplishment in the music major's secondary applied instrument or voice. Music minors take Senior Proficiency in their primary applied.

Applied Music

Each student majoring in music must select one area of applied music for his primary concentration. He must also pass Music 499. If a student does not select voice as a primary or secondary concentration, he will be required to take voice class but will not be required to pass a voice comprehensive.

Each music major or minor will be expected to perform in his primary applied area before the music faculty each year. The senior student will perform a recital program.

Piano

- 110, 111-410, 411. **Piano for Majors**—Individual instruction in piano. One hour lesson per week. Two semester hours each semester.
150. **Piano for Non-Majors**—Individual instruction for music minors and electives. One half-hour lesson per week. May be repeated. One semester hour.



CHAMBER SINGERS

Voice

104. **Voice Class**—A study of the audiments of vocal music, breathing, correct use of body control, diction, and the development of tone. Required of all prospective voice students with no prior training. Not applicable toward a major or minor in music. One semester hour.
- 114, 115-414, 415. **Voice for Majors**—Individual instruction in voice. One hour lesson per week. Two semester hours each semester.
155. **Voice for Non-Majors**—Individual instruction for music minors and electives. One half-hour lesson per week. May be repeated. One semester hour.

Organ

- 118, 119-418, 419. **Organ for Majors**—Individual instruction with a concentration on music for the church organist and recital repertoire for qualified students. One hour lesson per week. Two semester hours each semester.
160. **Organ for Non-Majors**—Individual instruction for music minors and electives. One half-hour lesson per week. May be repeated. One semester hour.

Instrumental

- 116, 117-416, 417. **Instrumental Instruction for Majors**—Individual instruction in orchestral instruments. One hour lesson per week. Two semester hours each semester.
165. **Instrumental for Non-Majors**—Individual instruction in orchestral instruments. One half-hour lesson per week. May be repeated. One semester hour credit.

Ensembles

Ensembles are considered the music laboratory for all music majors and minors and are to be taken each semester of the student's college career, except during Directed Teaching or Church Music Practicum. Placement in an ensemble is determined by an audition.

Choral

- 131A, 132A-431A, 432A. **Milligan Men**—An ensemble of selected voices studying representative literature. Each year the group performs two major concerts and a limited number of additional programs. Four rehearsals per week. One semester hour.
- 131B, 132B-431B, 432B. **Women's Chorus**—An ensemble of selected voices studying representative literature. Each year the group performs two major concerts and a limited number of additional programs. Four rehearsals per week. One semester hour.
- 133, 134-433, 434. **Concert Choir**—A mixed chorus with a repertoire of major choral selections. High standards of vocal technique and musicianship are required. Five rehearsals each week. One semester hour.
- 135, 136-435, 436. **Chamber Singers**—A small mixed chorus of selected singers who study and perform varied repertoire. The singers perform for limited outside engagements and at the annual Madrigal Dinner. One semester hour each semester.

Instrumental

103. **Chamber Ensembles**—A series of small instrumental combinations for the study and performance of the literature of each ensemble. Three rehearsals per week. One semester hour.
- 103A. **Brass Ensembles**—brass quintets, trios, and brass choir.
- 103B. **Woodwind Ensemble**—woodwind quintets and woodwind choir.
- 103C. **String Ensembles**—string quartets and string orchestra.
- 103D. **Collegium Musicum**—an ensemble comprised of two smaller groups; the Recorder Consort and the Baroque Ensemble.

- 106, 107. **Band**—Instrumental ensemble studying and performing wind ensemble literature of the Baroque and Classical periods, as well as nineteenth and twentieth century band compositions. Three rehearsals per week. One semester hour each semester.
108. **Orchestra**—Performance with the Johnson City Symphony Orchestra; strings, woodwinds, brass, or percussion instruments. One rehearsal per week for two and one half hours. One semester hour.
109. **Jazz Ensemble**—An ensemble for the study and performance of music in the Jazz idiom. Historical styles and their interpretation are emphasized. Two one and a half-hour rehearsals per week. One semester hour.



FOREIGN LANGUAGES

The study and mastery of language are the chief avenues of human freedom and development. The study of language, other than one's own, introduces the mind to the heritage of other nations and civilizations; it enables one to find new shades of meaning in the expression of ideas; it gives new power to the imagination; and it contributes to the sympathetic understanding of other ways of life.

Successful completion of each semester of a language is a prerequisite to any subsequent semester in the sequence of that language. Admission for freshmen and transfer students with previous study of a language to advanced standing in that language in Milligan College will be determined by scores achieved on a placement test. A student who scores high enough on the placement test to enter the third year of a language may receive credit for the second year of that language. Credit will be given to those students who find it necessary to take the first year of the language.

FRENCH

The minor in French will consist of 18 semester hours of classes beyond the level of French 111-112.

111-112. Elementary French—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple French. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.

211-212. Intermediate French—The reading of prose, with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.

290. Independent Study—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

301-302. Advanced Conversation and Composition—Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication in modern day France. Classes will be conducted in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.

311-312. Survey of French Literature—A study of the literature of France from its beginning to the present. Readings, including entire works, are selected from prominent authors of each century. Discussion will be in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.

401-402. French Civilization and Culture—A study of French civilization and culture from its origins to the present. Topics will include history, philosophy, art, music, and everyday life. Newspaper and magazine articles will supplement the text. Discussion and reports will be in French. Prerequisite: French 301-302 or consent of instructor. Three semester hours each semester.

490. Independent Study—An individualized course of study in French language or literature. The content of the course will be determined by the student and a member of the French faculty. Prerequisite: French 302 or 312 or consent of instructor. One to three semester hours per semester with a maximum of six semester hours.

GERMAN

The minor in German will consist of 18 semester hours of classes beyond the level of German 111-112.

111-112. Elementary German—The pronunciation and writing systems, oral mastery of basic structural patterns in dialog form, their variation through pattern drills, analysis of grammatical structures, reading, and written com-

position. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.

211-212. Intermediate German—Continued conversational drill, oral practice in the variation of structural patterns, reading of selections from modern German literature, and written composition with a thorough review of pronunciation and grammar. Three class periods and not less than one laboratory period per week. Three semester hours each semester.

301-302. Advanced Conversation and Composition—Extensive practice in conversation and composition. Classes are conducted in German. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.

311-312. Survey of German Literature—A study of the literature of the German-speaking peoples from its beginnings to the present. Reading and analysis of selections from the leading writers are included. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.

401-402. Seminar in German Studies—A study of selected topics in German literature, language, or culture, according to the interests of the students. Prerequisite: German 302 or 312 or consent of instructor. Three semester hours each semester.

490. Independent Study—Individualized readings or independent research in an area of the student's interest in German literature, linguistics, or civilization. Prerequisite: German 302 or 312 or consent of instructor. One to three semester hours each semester.

GREEK

The minor in Greek will consist of 18 semester hours.

111-112. Elementary Greek—A study of the elements of Koine Greek including drill on simple phrases and sentences and the acquisition of vocabulary. Readings in Johannine literature are included in the second semester. Three semester hours each semester.

221-222. Intermediate Greek—The translation and grammatical analysis of New Testament passages representing a cross-section of Greek styles. The course also includes a study of an intermediate grammar and some work with textual critical apparatus. Three semester hours each semester.

290. Independent Study—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

331-332. Advanced Greek Readings—Selected readings in the Septuagint, Philo, Josephus, and the Apostolic Fathers with attention to historical-theological contributions of these writers and works. Three hours each semester.

HEBREW

111-112. Modern Hebrew—Reading, conversation, and composition, as well as basic grammar of Living Hebrew. Three class periods and two laboratory periods per week. Three semester hours each semester.

211-212. Intermediate Hebrew—Conversational drill, review of grammar, accelerated reading and composition, together with a cursory survey of Hebraic literature from Biblical times through the modern renaissance of Living Hebrew. Three class periods and one laboratory period per week. Three semester hours each semester.

SPANISH

111-112. Elementary Spanish—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple Spanish. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.

- 211-212. **Intermediate Spanish**—The reading of prose with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
301. **Advanced Spanish**—Advanced composition and conversation and the reading of representative selections from Spanish literature. Three semester hours.
311. **Survey of Spanish Literature**—Reading of selections from the outstanding authors of Spain and some conversation and composition. Three semester hours.

PHILOSOPHY

The study of philosophy is designed to increase the student's ability to think intelligently about man and the universe and about man's views basic to everyday social, political, economical, religious, and scientific theories and activities.

It introduces the student to the names and basic ideas of philosophers who have influenced the thought and action of the modern world. The study of philosophy cultivates an understanding and appreciation of the history and function of philosophy as an academic discipline.

The major in philosophy consists of twenty-four semester hours which must include Philosophy 151, 301, 302, 321, and 401.

Students minoring in philosophy will complete eighteen semester hours which must include Philosophy 301, 302, and 401.

Three hours of Humanities 202 may be applied toward the philosophy major or minor.

151. **Introduction to Logic**—The study of traditional and symbolic logic, including practice in logical analysis, the detection of fallacies, and the use of the syllogism. Three semester hours.
290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
301. **History of Philosophy (Ancient)**—A study of the beginnings of Greek Philosophy, through Augustine. Three semester hours.
302. **History of Philosophy (Modern)**—A survey of the more important philosophical systems of the western world from the Sixteenth Century to the Nineteenth Century. Three semester hours.
303. **History of Philosophy (Contemporary)**—A survey of Twentieth Century philosophy to Wittgenstein and Sartre. Three semester hours.
321. **Ethics**—A study of theoretical and practical problems of moral conduct and proposed solutions, Emphasis is given to the nature of ethics, value, rights, and obligations. Three semester hours.
331. **Aesthetics**—A study of the philosophical problems concerning beauty. Questions considered include: Are there objective standards of beauty? Are aesthetic propositions meaningful? Three semester hours.
350. **Comparative Religions** (See Religion 350).
351. **Philosophy of Religion**—A study of the nature and meaning of religion within various world views, including a comparative study of the more important religious movements. Prerequisite: Either Humanities 202 or Philosophy 301 and 302. Three semester hours.

- 375. Philosophy in Literature**—A study of the philosophical questions in selected classics of world literature. Three semester hours.
- 390. Mathematical Logic**—A study of the sentential calculus, axiomatic discussion of Boolean algebras, and formalization of deductive theories. Three semester hours.
- 401-402. Seminar Studies in Philosophy**—A seminar designed to develop the ability to do independent research and writing. One to three semester hours each semester.
- 446. Readings in Philosophy**—A concentrated program of readings in philosophy. Prerequisite: Minimum academic average of B. One to three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SPEECH AND THEATRE ARTS

Speech Communication

- 121. Fundamentals of Speech**—An analysis of speech problems through the study of model speeches. Emphasis is given to organization and presentation of speeches for specific occasions through the manuscript, memorized, impromptu, and extemporaneous methods. Three semester hours.
- 275. Homiletics**—(See Christian Ministries 275).
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a single course. Not open to freshmen. One to three semester hours.
- 301. Business and Professional Speech**—A study of the various formats of public speech for business and professional majors, including experience and participation in parliamentary procedure and exploration of the various group dynamic processes. Three semester hours.
- 346. Persuasion in Speech**—A study of logical and psychological factors in persuasion and persuasive technique. Analysis is made of audience adaptation and contemporary and historical persuasion. Practice is given in persuasive speaking. Three semester hours.

Theatre Arts

The theatre arts minor shall consist of eighteen semester hours and must include Theatre 151, 341, either English 460 or 461, and two semester hours selected from Music 104 and 155. Health and Physical Education 208 may also apply toward the minor.

- 151. Introduction to Theatre**—The history and literature of the theatre from its Greek origins to the present. Also emphasized will be theatre techniques such as lighting, costuming, and set design. Three semester hours.
- 340. Directing**—A course emphasizing study of the various elements in the production of a play; theory, selection of plays, interpretation of the play, scene design, costuming, and make-up. Directing is a laboratory experience which is especially recommended for students preparing to supervise plays in the public schools. Three semester hours.
- 341. Acting**—A course providing experience in the theory of effective acting techniques: methods of acting, stage movement, stage business procedures. Laboratory experience includes participating in a play. Three semester hours.
- 342. Advanced Acting**—A course providing advanced acting with an emphasis on Greek, Shakespearian, and Restoration comedy techniques. Prerequisite: Theatre 341. Three semester hours.

490. **Readings in Drama**—A concentrated program of readings in drama designed to provide a solid repertory available to the beginning dramatist. Prerequisite: Six hours in drama. One to three semester hours.
491. **Theatre Workshop**—An opportunity to gain experience in practical theatre work—costuming, lighting, set design, production, and direction. Open to juniors and seniors only. One to six semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



Area of Professional Learning



Dr. Paul Clark
Mr. Eugene Price, Co-Chairmen

The curricula in the Area of Professional Learning are offered to those students who are planning careers in business or education. Courses in business administration and economics, health and physical education, secretarial science, and education are designed to prepare students for employment in these fields, to give them knowledge of the history and literature of the respective disciplines, and to make them aware of related problems. They are also designed to provide such curricula leading to degrees as will combine specialized training with a liberal education. Study in any one of these professional fields will prepare the qualified student for graduate study.

BUSINESS AND ECONOMICS

Courses in the field of business administration and economics are designed primarily to familiarize the student with economic principles and their practical application. These courses are listed under two divisions: business administration and economics.

Courses in business administration are primarily of a vocational nature and are concerned with the specific application of general economic and commercial principles. They emphasize knowledge and techniques useful to students intending to pursue careers in business.

The main purpose of the courses in economics is to develop in the student the ability to analyze and understand economic principles and institutions from a historical as well as a contemporary point of view. These courses furnish the theoretical background necessary for the achievement of a particular vocational or professional goal. They also constitute the academic basis for graduate study in economics and related fields.

The Bachelor of Science degree with a major in business administration and economics consists of thirty semester hours: Business Administration 211-212, Economics 201-202, 301, 451, and twelve hours of business or economics electives at the junior and senior level. In preparation for the major the student should take Mathematics 108 and 214. A grade point average of 2.25 is required in the major.

The business administration and economics minor consists of eighteen semester hours: Business Administration 211-212, Economics 201-202, and six hours of business or economics electives at the junior and senior level.

A student may elect to take a Bachelor of Arts degree with a major in business administration and economics by substituting six semester hours of a foreign language at the intermediate level for six hours of business or economics electives.

BUSINESS ADMINISTRATION

211-212. Introductory Accounting—An introduction to the principles of accounting. Covered are the fundamentals of recording, summarizing, and analyzing business transactions; also given are detailed consideration of recording in books of original entry, posting to ledger, completion of period summary, and preparation of accounting statements. Three semester hours each semester.

290. Independent Study—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

- 301-302. **Intermediate Accounting**—A continuation of the study of the principles of accounting with emphasis upon the more intricate details of the accounting process. Special attention is given to unusual accounting problems and to statement analysis and application. Prerequisite: Business Administration 211-212. Three semester hours each semester.
303. **Principles of Insurance**—A study of the principles, practices, and major coverages of life, casualty, and property insurance. Offered alternate years. Three semester hours.



PROF. EUGENE PRICE, BUSINESS & ECONOMICS

304. **Advertising**—A study of the principles of advertising along with its function and aims in business. Attention is given to the economic and psychological principles involved. There is also a study of market analysis and its importance to the field of advertising. The mechanics of layout, media, and copy writing are considered. Offered alternate years. Three semester hours.
311. **Cost Accounting**—A study of the methods of accounting for material labor and overhead in manufacturing. The job order cost system, process cost, and standard cost systems are considered. Offered alternate years. Prerequisite: Business Administration 211-212. Three semester hours.
312. **Auditing**—A study of audit theory and procedure as applied to verification of accounts, internal control, professional ethics, and the preparation of reports. Prerequisite: Business Administration 211-212. Offered alternate years. Three semester hours.
315. **Marketing**—A survey of marketing principles and problems and a detailed analysis of markets, market prices, and marketing agents. Consideration is also given to the struggle among the various agencies for the control of the market. Prerequisite: Economics 201-202. Three semester hours.
361. **Principles of Management**—A study of the basic principles of management. Also considered are decision-making and the fundamental function of management, planning, organizing, actuating, controlling, and the application of the process of management to selected areas. Studies of individual firms are discussed. Prerequisite: Economics 201-202. Three semester hours.
362. **Personnel Management**—A study of the principles and policies governing employer-employee relationships and a consideration of the problems and practices of hiring, supervising, and terminating workers. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.
363. **Industrial and Public Relations**—A study of the principles involved in developing and carrying out a satisfactory business and ethical relationship with people and with other business firms. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.
- 401-402. **Business Law**—A study of the law of contracts, agency, negotiable instruments, property, sales, bailments, insurance, partnerships, corporations, bankruptcy, and business torts and crimes. Emphasis is placed upon the application of principles to commonly occurring commercial situations. Offered alternate years. Three semester hours each semester.
- 411-412. **Income Tax Accounting**—An introduction to federal taxes on income and the preparation of tax returns for individuals, partnerships, and corporations. The course includes a study of the concepts of income, capital gains and losses, and deductible expenses. Also covered are accounting methods, including withholding procedures, inventories, estate taxes, gift taxes, and social security taxes. Prerequisite: Business Administration 211-212. Three semester hours each semester.
491. **Fieldwork**—A practicum experience that will involve the student in a position in business under adequate supervision for the joint purposes of learning about business and possible occupational choices. One to three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

ECONOMICS

- 201-202. **Principles of Economics**—A comprehensive study of the principles and factors of production, exchange, distribution, and consumption of economic goods. Included are a rapid survey of existing economic systems and a brief history of economic thought. Three semester hours each semester.

290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
301. **Corporation Finance**—A study of the basic financial structure of the corporate type of business enterprise. Emphasis is given to the various methods of financing and to the role that management plays in determining financial policy. Prerequisite: Economics 201-202 and Business Administration 211-212. Three semester hours.
302. **Financial Management**—Case analysis of problems in corporation finance, receivables and risk management, internal investment decisions, liquidity control, and profit-planning. Emphasis is given to corporate decision-making. Prerequisite: Economics 301. Offered alternate years. Three semester hours.
304. **Government and Business**—(See Government 304).
311. **History of Economic Thought**—A review of principal analytical ideas of the great economists and an analysis of the socio-economic conditions which influenced their ideas. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
312. **Economic History of the United States**—An examination of the economic development and growth of the United States economy from the Colonial Period (Seventeenth Century) to the present time. Emphasis is on the economic impact and consequence of historical events and developments. Offered alternate years. Prerequisite: Economics 201-202 or History 311. Three semester hours.
401. **Labor Economics**—A study of the labor movement in the United States with emphasis on pertinent federal and state legislation regulating labor-management relations and the effects of such regulation upon the national economy. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
402. **Public Finance**—A study of public expenditures, public revenues, fees, taxes, and public debt. A thorough consideration is given to the present tax system. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
403. **Money and Banking**—A study of our monetary system and theory along with a survey of the commercial banking system of the United States. Banking principles are analyzed, and banking institutions are studied to observe the application of principles. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
415. **International Economics**—A study of international trading activity comprised of the theory of international trade, explaining the justification for trade, the direction, composition, and size of trade, and the gains from trade; the international financial system and the balance of payments issue; the role of the multinational corporation and national government policy in the international economic activity. Prerequisite: Economics 201-202. Three semester hours.
451. **Comparative Economic Systems**—A comparative and analytical study of capitalism, socialism, and communism, as they have developed in the countries whose economies they now characterize. Prerequisite: Economics 201-202. Three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SECRETARIAL SCIENCE

Secretarial science majors may work toward the Bachelor of Science degree with a major in secretarial science or, by taking six semester hours of a foreign language on the intermediate level rather than six hours of electives, may work toward a Bachelor of Arts degree with a major in secretarial science.

Secretarial science majors should complete the thirty-one hours of secretarial science courses which are described below. Minors should complete eighteen semester hours.

An intensive two-year terminal secretarial program has been designed for students who desire to acquire vocational competence in secretarial skills in the setting of a Christian liberal arts college. The curriculum consists of Secretarial Science 131-132, 143-144, 231-232, 243-244, 351-352, 470-472; Bible 123-124; *Economic*s 201-202; Psychology 155; two hours of physical education activity courses; and twenty hours of elective courses.

A student who wishes to certify for the teaching of business education should complete Business Administration 211-212; Economics 201-202; Secretarial Science 131-132, 143-144, 231-232, 243-244, 351-352, 470-472; and Mathematics 108.

The Associate in Science degree in secretarial science is designed for the two-year terminal secretarial student who wishes a broad liberal arts background and accredited degree. Hours completed for the A.S. degree may also be applied toward the B.S. degree. Required courses are Bible 123-124, Humanities 101-102, Secretarial Science 131-132, 143-144, 231-232, 243-244, 351-352, 470-472, Economics 201-202, Psychology 155, Accounting 211-212, and one elective course of three semester hours.

Students who have taken typing in high school may take a placement test before registration to demonstrate typing proficiency. Students demonstrating proficiency will not be required to take Secretarial Science 131.

- 131-132. Beginning Typing**—Mastery of keyboard and other working parts of the typewriter. Emphasis is placed upon accuracy, speed, and continuity of movement. Letter writing, centering, tabulation, envelope addressing, and arrangement of typewriter material are stressed. One and one-half semester hours each semester.
- 143-144. Beginning Shorthand**—A thorough and systematic study of the basic shorthand principles and outlines of Gregg shorthand through the reading of shorthand and drill in dictation. Three semester hours each semester.
- 231-232. Advanced Typing**—A comprehensive review of letter writing and tabulation. Manuscripts, proofreading, numbers, legal documents, and other business forms are emphasized. Three semester hours each semester.
- 243-244. Advanced Shorthand**—Intensive practice in reading and writing for the development of speed and accuracy, advanced study in dictation and transcription, machine practice in dictation, and study of secretarial procedures and practices. Three semester hours each semester.
- 331. Legal Office Typing**—A comprehensive program in four major fields of law: Real Estate and Property Transfer; Litigation; Wills, Estates, and Guardianships; and Partnerships and Corporations. Practice material is provided to familiarize the student with legal terminology and procedures and to acquaint the student with legal format, parlance, vernacular, and dictation rules in order that the student may feel at home the first day in the law office. Prerequisite: Secretarial Science 231. Three semester hours.
- 351. Business English**—A review of English grammar and a study of the various types of business letters. The purpose is to establish in the mind of the student the principles underlying effective business letters and to provide practice in applying these principles. Two semester hours each semester.

352. **Communications in Business**—A consideration of the principles of good business writing: clarity, conciseness, the “you-attitude,” and verbal precision. A study of the differences between persuasion and conciliation, between the delivery of bad news and the delivery of good, between memos that must effectively request and those that must effectively demand. Two semester hours.
360. **Records Management**—A systems approach to the field of records management including the criteria by which records are created, stored, retrieved, and disposed of and the procedures for the operation and control of manual and automated storage systems. The concept of business information systems is applied to record management. Machine coding systems including the punched-card system, the KWIC Retrieval System and coding to the computer system are studied. Two semester hours.
470. **Administrative Office Management**—A study of systematic information processing and its role in administrative office management. Also included is an in depth study of the three main components of effective information processing: employees, equipment, and work process. Three semester hours.
472. **Secretarial Practice**—An advanced course in office procedures and the use of business machines. Prerequisite: Secretarial Science 241-242 and 243-244. Three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

HEALTH AND PHYSICAL EDUCATION

Milligan College recognizes the need for physical and social as well as intellectual and spiritual development for the student seeking a liberal education. Courses are designed to give every student an opportunity to participate in a variety of sports as well as prepare himself to teach physical education and health in the public schools. Helpful courses are also available in the field of recreation.

A student may major in health and physical education. A minor in either physical education or health may be selected by a student who does not choose to major in health and physical education.

A major in health and physical education consists of a minimum of 33 semester hours including the following courses: 111, 203, 204 or 205 or 206, 208, 209, 211, 300 or 302, 301, 311, 312, 403, 404, 406, 411. The major must also include Biology 250-251 and either Sociology 303 or Psychology 353.

The above major with the professional education requirements for certification will allow a student to be prepared to teach both physical education and health in the public schools.

The minor in physical education consists of a minimum of 18 hours: 203, 204 or 205 or 206, 208, 209, 301, 312, 403, 404, and 406. For the teacher education student Biology 250-251 is also required. The teacher education student may elect an emphasis at the elementary or secondary level within this minor.

The minor in Health consists of a minimum of 18 semester hours and includes the following course :111, 211, 311, 411, Sociology 303, and Psychology 353.

111. **Personal Health**—A consideration of problems pertaining to the physical and social well-being of the individual. Included is a study of drugs, diseases, and important knowledge relating to health habits and attitudes. An overview of the health field is explored, with an emphasis on health careers. Three semester hours.
151. **Team Sports**—Active participation in such sports as football, field hockey, soccer, and volleyball. One semester hour.

152. **Team Sports**—Active participation in such sports as basketball, team handball, speedball, and softball. One semester hour.
153. **Bowling and Golf**—Instruction and participation at the beginning levels in each of these sports. Special fee. One semester hour.
154. **Beginning Swimming**—A course designed for non-swimmers. American Red Cross certification is available for beginning swimming, advanced swimming, and basic survival swimming. One semester hour.
155. **Beginning Badminton and Tennis**—A study of basic strokes and skills for beginning students in each of these lifetime sports. One semester hour.
156. **Intermediate Badminton and Tennis**—A study of skills and techniques of play for those beyond the level of beginners. One semester hour.
157. **Gymnastics, Stunts, and Tumbling**—Stunts and tumbling activities and gymnastics commensurate with student's ability and available apparatus. One semester hour.
158. **Snow Skiing**—Instruction at a nearby ski resort. The class is divided according to level of skill, beginner to advanced. Special fee. One semester hour.
159. **Horseback Riding**—Instruction at nearby stables on gaited horses and English tack, for beginners as well as intermediate and advanced riders. Special fee. One semester hour.
160. **Track and Field for Men and Women**—Activity and opportunity for skill development in track and field events. Areas studied are chosen from a list of seventeen events including jumping, hurdling, vaulting, sprinting, running for pace development, throwing, and weight events. One semester hour.
161. **Archery and Racketball**—Knowledge and skill development in target archery and racketball. One semester hour.
203. **Physical Education for Elementary Schools**—A course designed to prepare the student to direct a full program of physical education activities for grades one through eight. Three semester hours.
204. **Intermediate Swimming**—A course designed for students who need additional work on various strokes and diving. Advanced survival swimming will be stressed. American Red Cross certification is available in both intermediate and advanced survival. One semester hour.
205. **Advanced Swimming and Senior Lifesaving**—A course designed primarily for those interested in pool and beach life-guarding. American Red Cross certification is available for swimmer, advanced swimmer, and lifesaving. One semester hour.
206. **Water Safety Instructor Course**—American Red Cross certification available for Instructor of Beginning Swimming and for Water Safety Instructor. Prerequisite: American Red Cross certification in lifesaving. One semester hour.
207. **Conditioning Exercises and Weight Training**—A study of theory and practice in conditioning exercises suitable for men and women. Consideration is given to weight training for good body contour, strength, and endurance as desired by the individual. One semester hour.
208. **Folk Dance and Rhythmical Activities**—Rhythmical exercises, elementary steps and folk dances of various countries. One semester hour.
209. **Motor Learning**—A study of basic skills, knowledge, and psychology of movement education and the application of mechanical principles to skills and skill learning. The student selects an emphasis on the elementary or secondary education level. Two semester hours.
211. **Community Health**—A study of the function and organization of Public Health with emphasis on work of various agencies and the individual's responsibility for community health. Various kinds of pollution, chronic

- diseases, use of drugs, and consumer health are studied. Three semester hours.
300. **Teaching Team Sports**—A study of materials and methods, skills, and techniques in teaching the common school team sports. Two semester hours.
301. **Teaching Individual and Dual Sports**—Emphasis on teaching knowledge, skills, and appreciation of lifetime sports. Two semester hours.
302. **Coaching and Officiating Team Sports**—A study of coaching techniques and strategy, officiating in such sports as football, basketball, baseball, softball, field hockey, track and field, and lacrosse. This course is designed especially for the prospective coach and/or game official. Three semester hours.
309. **Applied Physical Education (or Health)**—A course available in specific areas of health or physical education for the major or minor student. The student works closely with the professor to further prepare for teaching. Two semester hours.
311. **Safety Education and First Aid**—A course designed to include a wide range of safety programs, including those of school, community, vocations, and leisure time. The American Red Cross course in first aid is also included. Three semester hours.
312. **Introduction and History and Philosophy of Physical Education**—An introduction to the profession. Consideration is given to the pioneers in the field, to its historical development, and to the principles and philosophy which led to the modern program. Three semester hours.
403. **Measurement and Evaluation in Physical Education**—An analysis of current testing programs. Skill tests, physical fitness, and motor fitness tests are included. Two semester hours.
404. **Organization and Administration of Health and Physical Education**—A study of school problems, including curriculum development, program organization and supervision, and intramural and inter-school athletics. Three semester hours.
406. **Adaptive Physical Education**—A study of programs and services for the atypical student at all grade levels. Two semester hours.
409. **Recreational Leadership and Outdoor Education**—A study of recreation programs; personnel, areas and facilities; and current practices in camp leadership and administration. The study includes such outdoor activities as camping, hiking, mountain climbing and boating. Limited practical application. Three semester hours.
411. **Health Education**—A survey of the principles and practices of health education. Emphasis is placed on methods and techniques for teaching. Three broad areas are included: health instruction, school health services, and healthful school living. Three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

EDUCATION

The program of teacher education is designed to serve persons who wish to be certified for teaching elementary, secondary, early childhood, and exceptional children. In addition to their service to the professional student, courses in this discipline are prepared to give the religious education student knowledge of the principles of education. These courses will also give the student who may become a member of the school board or the parent-teacher association an acquaintance with the public school and education methods. The knowledge and experiences in human interaction and leadership included in the education program provide an excellent general education experience.

Students in Milligan do their observation and student teaching in the public schools of the nearby communities. A special feature of the program is a semester of professional education. During one of his senior semesters a student will do nine weeks of full-time student teaching and will attend a group of seminars which are especially designed to give a combination of theory and practical experiences in education.

Admission to the Teacher-Education Program

A student who desires to enter the teacher-education program should make formal application through the Director of Teacher Education. Transfer students desiring to enter the program should apply for admission the first semester they are enrolled in Milligan.

To be admitted to this program, the student must have a grade point average of 2.0 and have completed Psychology 252 with a grade of "C." In addition to applying for admission, the student will be required to take a battery of tests which will be administered by the college Director of Testing. This test battery includes a personality evaluation and selected tests from the California Achievement Test which are now required by the Tennessee Department of Education. Test administration will be scheduled during the registration week each semester. Final approval will be given by the committee on admissions in the education program. Since this approval is a necessary prerequisite to enroll in education classes, students should be admitted at least by the end of the sophomore year.

A student must be recommended by the faculty in his major field and have a 2.25 grade point average to be admitted to the education semester.

A minimum of two semesters is required in the regular teacher-education program. Admission to the program does not guarantee completion. If for any reason the education faculty decides that the student should not continue in the program, he may be required to withdraw any time before completion.

Certification

Milligan offers curricula for certification issued by the State of Tennessee for elementary and secondary teachers. For the past several years a large percentage of Milligan's graduates have entered the teaching profession. Course work in Milligan has enabled these students to be certified not only in Tennessee but also in states throughout the nation.

National Teacher Examination

Students in the teacher program will be required to take the National Teacher Examination during the last semester of their senior year.

Student Teaching

Students applying for student teaching should have completed Psychology 252 and either Education 411 or Education 471. The student teaching will be done during the senior year. The application should be made by May 1 for the fall semester or by December 1 for the spring semester.

The student teacher applicant should have a minimum grade point average of 2.25 and expect to take only 18 hours of credit during the student-teacher semester. As a part of the application, the Director of Student Teaching will ask for a list of courses which the student plans to take for each of the remaining semesters of his Milligan B.A. or B.S. program.

Special Arrangements of Education Courses

Elementary Education students should plan to take in a block arrangement three courses: Education 211, Introduction to Reading, Education 411A, Teaching of Reading; and English 354, Children's Literature. A five-day-a-week, three-hour time period is scheduled for these courses. In the activities of these courses students have an intensive period of instruction, a time for a clinical arrangement with a child with reading problems, and a period of time to work with a reading group in the public school.

The education semester includes Education 230, Exceptional Children in the Public School; Psychology 404, Educational Psychology; Education 407, History and Philosophy of Education; Education 412 or 472, Materials and Methods; and Education 421, 461, or 481, Directed Teaching. The theoretical courses are completed in the first half of the semester. The practicum during the second half of the semester includes directed teaching with an accompanying seminar period.

Elementary Education Certification

The program for certification in Elementary Education is designed for those desiring a career as an elementary school teacher. Students completing the certification program must also complete a major. A minor is not required when certification is completed. Elementary Education certification may be completed with the Bachelor of Science degree or Bachelor of Arts degree (see page 26, Requirements for a Degree).

Students are required to take Psychology 252, Developmental Psychology (four semester hours) as the elective Psychology course in the General Education requirements, and each of the following courses:

English	354	Children's Literature	3 sem. hrs.
Music	351	Music for the Grades	3
Art	311	Art for Elementary School	3
Biology	350	Science for the Grades	4
Math	103-104	Fundamental Concepts	6
H&PE	203	P.E. for the Elem. School	3
H&PE	411	Health Education	3
Psychology	404	Educational Psychology	3
Education	211	Introduction to Reading	3
Education	230	Exceptional Children in the Public Schools	2
Education	411A	Teaching of Reading	3
Education 407	407	History and Philosophy of Education	3
Education	412	M and M of Elementary Educ.	2
Education	421	Directed Teaching in the Elementary School	8
			<u>49</u>
Additional General Education			
H&PE		Elective hours	4
Speech	121	Fundamentals of Speech	3
			<u>3</u>
Total			56

(beyond General Education required courses)

Students are urged to consult with the Director of Teacher Education and their academic adviser in the selection of their academic major.

Secondary Education Certification

The program for certification in secondary education is designed for those interested in a teaching career in the junior or senior high school. Students completing the certification will also complete an academic major and an academic minor. If the student selects a major that is not approved for certification, he should have a sufficient number of hours in one of the following areas for certification endorsement: Biology, Business, Chemistry, English, History, or Mathematics. Secondary certification may be completed with the Bachelor of Science degree (selected majors) or the Bachelor of Arts degree (language through the intermediate level required). In addition to the general education requirements and those of a major and minor, certification in secondary education requires completion of the following:

Physical Education 111 or Sociology 303 and one hour of
Physical Education activity

Mathematics 103

Professional Education

24 hours

Must include Education 230, 407, 471, 472, 481 and
Psychology 252, 404

K-12 Certification

Art, Music, and Health and Physical Education are all K-12 teacher education programs, but the professional education courses are only slightly different from the secondary program. Students in these areas take special methods courses. Health and physical education students should add Mathematics 103 to their general education program. Art and music students should add, in addition to Mathematics 103, four hours of health and physical education to their general education program.

Special Education Curriculum

Milligan College offers a special education curriculum which is a noncategorical program with emphasis in learning. The special education student, who is required to certify in either elementary or secondary education in addition to special education, will qualify for modern mainstreaming or the teaching of a special education class. Students will have practicum experience with at least three of the following types of children: learning disabled, mentally retarded, emotionally disturbed, physically handicapped, or gifted.

The following courses are required for certification:

Education 231—Psychology and Education of Exceptional Children

Education 432—Learning Problems of Exceptional Children

Education 211—Introduction to Reading

Education 411A—Teaching of Reading

Psychology 357—Introduction to Theory and Practice of Counseling (or Psyc. 353)

Psychology 358—Abnormal Psychology

Psychology 454—Introduction to Psychological Testing

H&PE 406—Adaptive Physical Education

Education 433—Educational Procedures for Exceptional Children

Education 435—Trends and Issues in Special Education

Education 434—Practicum in Special Education

Early Childhood

Milligan College offers a program in early childhood education. The following courses should be added to the elementary education certification in order to qualify the student for certification in early childhood education.

Education 441—Early Childhood Education

Education 442—Methods and Materials for Kindergarten

Education 443—Early Childhood Practicum

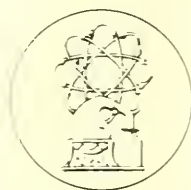
- 211. Introduction to Reading**—Development of an understanding of the reading process as it is presented in public schools. The course will include the related factors involved in reading such as vocabulary development, comprehensive skills, and study skills. Three semester hours.
- 230. Exceptional Children in the Public Schools**—This course includes a summary of the special characteristics of exceptional children including the gifted, mentally retarded, emotionally disturbed, brain injured, visually impaired, hearing impaired, speech handicapped, and learning disabled. The course also includes a discussion of the mainstreaming approach to reaching exceptional children. Two semester hours.
- 231. Psychology and Education of Exceptional Children**—An introduction to the education of exceptional children and the psychological aspects of these exceptionalities. The exceptionalities include high mental ability, mentally retarded, brain injuries, visual impairment, impaired hearing, speech handicaps, and learning disabilities. The course includes observation. Two semester hours.

- 252. **Developmental Psychology**—(See Psychology 252).
- 290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 338. **Educational Sociology**—A study in the application of sociological findings to education. Three semester hours.
- 404. **Educational Psychology**—(See Psychology 404).
- 407. **History and Philosophy of Education**—A survey of the development of education from ancient Greek times to the present. Three semester hours.
- 411-412. **Materials and Methods of Elementary Education**—A general study of the materials and methods of elementary education with specific attention to the teaching of the language arts, mathematics, and social studies. Two semester hours each semester.



- 411A. Teaching of Reading**—A study of the objectives, materials, and techniques of reading in grades one through eight with emphasis upon developing readiness, preventing retardation, and planning a balanced reading program. The class includes lectures and supervised observation. Three semester hours.
- 421. Directed Teaching in the Elementary School**—A teaching experience in the public school under the supervision of the classroom teacher with the aid of the college supervisor and major professor. Teaching may be done at two levels. Eight semester hours.
- 432. Learning Problems of Exceptional Children**—A study of the learning problems of exceptional children including reading problems, arithmetic problems, auditory problems, visual problems, and perceptual motor problems. An introduction to some of the diagnostic tests will be included. Three semester hours.
- 433. Educational Procedures for Exceptional Children**—A supervised experience with behavior modification and techniques of working with children who have reading, arithmetic, auditory, visual, or perceptual motor problems. Students will write prescriptive programs for public school-age students. Three semester hours.
- 434. Practicum in Special Education**—A student practicum in a special education classroom. Three semester hours.
- 435. Trends and Issues in Special Education**—Readings and research in special education. One to six semester hours.
- 441. Early Childhood Education**—A study of philosophical and theoretical foundations of early childhood education. Child study and observation in off-campus kindergarten are required. Two semester hours.
- 442. Methods and Materials for Kindergarten**—Observation and participation in kindergarten. Basic needs and characteristics of three, four, and five-year-olds in all areas of development; the kindergarten program; curriculum, routine activities, records, and parent-teacher relationships will be emphasized. Two semester hours.
- 443. Early Childhood Practicum**—A two-hour-a-day experience, lasting for one semester, in a student teaching situation at the early childhood level. Three semester hours.
- 461. Directed Teaching K through 12**—A teaching experience at both the elementary and secondary levels in the public schools. The teaching experience is supervised by the classroom teacher with the aid of the college supervisor and the major professor. Eight semester hours.
- 470. The Teaching of High School Reading**—A treatment of both the developmental and remedial program in high school. Observation will be made of high school pupils, and practice in diagnosing individual and group difficulties will be offered. Provision will be made for laboratory experience. Three semester hours.
- 471. Materials and Methods in Specific Secondary Subject Areas**—Courses in materials and methods in the specific subject matter areas in which Milligan College offers secondary teacher education programs. Three semester hours.
- 472. Materials and Methods of Secondary Education**—A study of the materials and methods of secondary education with specific attention to curriculum construction and the solution of problem situations. Two semester hours.
- 481. Directed Teaching in the Secondary School**—A teaching experience in the public school under the supervision of the classroom teacher with the aid of the college supervisor and major professor. Teaching may be done at two levels. Eight semester hours.
- 490. Modern Educational Problems**—A survey of modern educational problems. The course may be an intensive supervised individual study or a seminar with regular meetings throughout the semester. One to six semester hours.

Area of Scientific Learning



Dr. Eddie Leach, Chairman

The study of nature in modern times has yielded unprecedented knowledge of the physical, chemical, and biological aspects of the universe. Perhaps the distinguishing feature of life in the twentieth century is the ever-increasing knowledge of natural forces and resources. Man has felt both elated and dismayed by what such knowledge reveals. Effort is made in the teaching of science in Milligan to acquaint the student with the basic phenomena of science so that he may develop a better understanding of the environment as a unified system.

BIOLOGY

The biological studies seek to acquaint the student with the basic phenomena pertinent to an understanding of the living world. The relationships of chemistry and physics to the living activity and survival are stressed, and the student is made aware of his role in the environment. It gives attention to the student who is interested in a general grasp of the field, as well as those who are directing their activity to medicine, dentistry, or some specific area of the biological discipline. Students interested in a biology degree should see a member of the biology faculty early in their program.

The Bachelor of Arts degree in biology is designed for those seeking sufficient training in the field to enable them to teach the science in an elementary or secondary school. It is to be considered as a terminal program and is not designed to prepare the student for pursuing an advanced degree in biology or for a medical career. The requirements for the Bachelor of Arts degree in biology consist of twenty-four hours of biology courses which must include Biology 110, 120, 140, 210, 250, and 251; fourteen hours of chemistry, including Chemistry 251; and Mathematics 111 and 112.

The Bachelor of Science degree should be sought by those who wish to continue their studies in biology for an advanced degree and by those who plan to enter a medical field of study. The requirements for the Bachelor of Science degree are thirty-six hours of biology courses which must include Biology 110, 120, 140, 210, 220 or 240, and 310; a minor in chemistry, including Chemistry 301 and 302; Mathematics 111 and 112, with calculus recommended, and Physics 201, 202.

The Bachelor of Science requirements for a student who intends to major in biology and teach in elementary school are twenty-four hours in biology, which must include Biology 110, 120, 140, 210, and 350; Physical Science 103; and Mathematics 103-104, or 110 or 111-112.

After evaluation of each student's curriculum, the biology faculty may require additional courses in order to assure that the student will be adequately prepared to enter his chosen field of study.

A biology minor must include Biology 110, 120, 140, and two elective four-hour courses.

No more than four hours credit in either Biology 215 or 490 or a combined total of six hours in both courses may be applied toward the requirements for a major in biology. Credit in 215 or 490 may not be applied toward a minor in biology.

110. Human Biology—A study of fundamental biological concepts of particular relevance to man and his place in the living world. Included are discussions of the present and future status of the survival of man in a world of increasing biological problems. Four semester hours.

120. **Botany**—An intensive survey of the Plant Kingdom. Prerequisite: Biology 110. Four semester hours.
140. **Zoology**—An intensive survey of the Animal Kingdom. Prerequisite: Biology 110. Four semester hours.
210. **Genetics**—A study of fundamental principles of heredity with related statistics and probability. Prerequisite: Eight hours of biology. Four semester hours.
215. **Field Studies in Biology**—An analysis of selected biological problems and/or an in-depth study of unique ecosystems. Subject content will vary according to selected topics. The course is conducted at an off-campus location, and additional expenses may be incurred by the student for travel. A student may not accumulate more than four hours credit in this course. This course should not be used to satisfy college degree requirements in science except by permission of the area chairman. Prerequisite: Biology 110 or consent of instructors. One to four semester hours.
220. **Plant Taxonomy**—A comprehensive study of plant identification and classification. Prerequisite: Biology 120. Four semester hours.
240. **Comparative Vertebrate Anatomy**—A comparative study of the embryologic and phylogenetic development of the principal systems of selected classes of vertebrates. Prerequisite: Biology 140. Four semester hours.
- 250-251. **Anatomy, Physiology, and Kinesiology**—A study of the structure and function of the organ systems of mammals with special reference to human anatomy and physiology. The course is designed for those seeking a Bachelor of Arts degree in biology and for those pursuing nursing, physical therapy or a physical education career. It is not acceptable for credit toward Bachelor of Science degree with a major in biology. Prerequisite: Biology 110. Four semester hours each semester.
290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
310. **Cell Physiology**—A comprehensive study of cell structure and function with special emphasis on metabolism and related biochemical principles. Prerequisites: Chemistry 301, or concurrent registration, and at least twelve hours of biology. Four semester hours.
340. **Animal Physiology**—A study of the function and structure of the organ system of vertebrates in general, but with emphasis on mammals. Prerequisite: Biology 310. Offered alternate years. Four semester hours.
341. **Animal Histology**—A study of the microscopic structure of the various types of tissues found in vertebrates. Prerequisites: Eight hours of biology and eight hours of chemistry. Offered alternate years. Four semester hours.
342. **Vertebrate Embryology**—A study of the general principles of vertebrate development from the formation of gametes to the formation of tissues and organs. Prerequisite: Biology 240 or permission of the instructor. Offered alternate years. Four semester hours.
350. **Science for the Elementary School**—An emphasis on the coordination of science content and teaching techniques for the elementary school teacher. The course is designed for students working toward a degree and who plan to teach science in elementary schools. Prerequisites: Biology 110 and Physical Science 103 or the equivalent. Four semester hours.
360. **Ecology**—A study of relations between organisms and their environment, factors affecting plant and animal structures, behavior and distribution, energy and material cycles, and populations. Prerequisite: Biology 120, 140. Four semester hours.

362. **Vertebrate Field Biology**—A survey of the native vertebrate animals with emphasis on collecting, preservation, identification, and taxonomic relationships. Prerequisite: Biology 140. Offered alternate years. Four semester hours.
364. **Limnology**—A study of methods and research problems in lake biology. This course is taught at the Mid-Appalachian Field Teaching and Research Center. Prerequisites: Biology 120 and 140. Five semester hours.
368. **Field Biology**—Any additional course(s) taken at the Mid-Appalachian Field Training and Research Center. Prerequisites: Biology 120 and 140. Four semester hours per course.
380. **Microbiology**—A basic course in the study of microbiology. It includes the preparation of media, sterilization, and the isolation, culture, staining, and identification of micro-organisms. Prerequisite: permission of the instructor. Four semester hours.
440. **Endocrinology**—A study of the structure and function of the endocrine glands with emphasis on their control and integration of biological processes. Prerequisite: Biology 340. Offered on demand. Four semester hours.
490. **Research Problem**—Research on special problems in biology under direct supervision of a faculty member. Prerequisites: Twenty-four hours of biology courses and consent of biology faculty member to direct the research problem. One to four semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

CHEMISTRY

The chemistry curriculum is designed for the student planning a career in industry, research, engineering, teaching, or the biological sciences. It also contributes to the appreciation of this science as it applies to daily life.

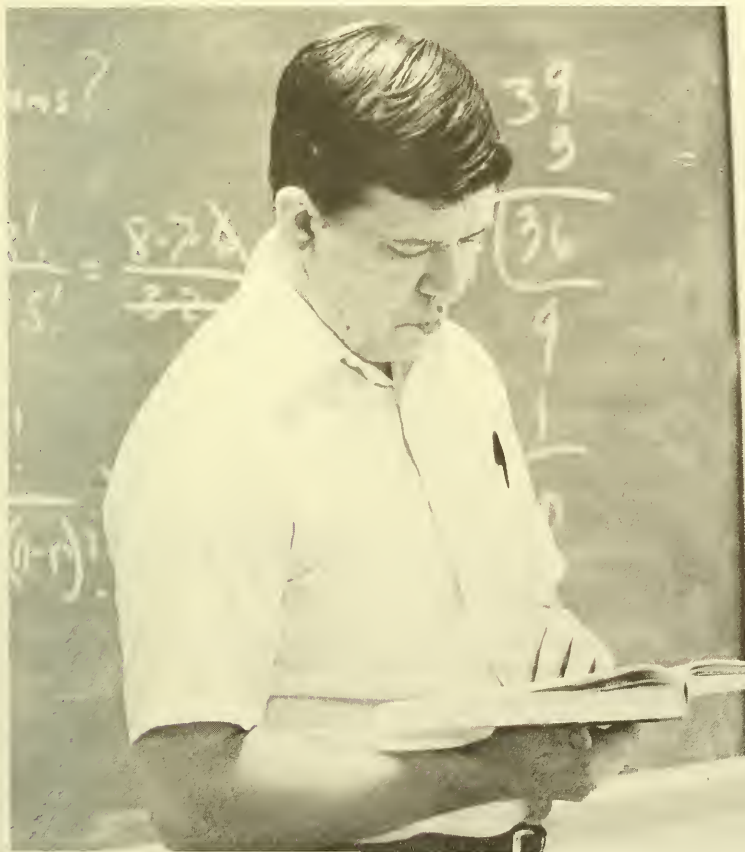
The chemistry major leading to the Bachelor of Arts degree consists of twenty-four hours. Mathematics 111 and 112 are required.

The chemistry major leading to the Bachelor of Science degree consists of thirty-four hours which must include Chemistry 103-104, 202, 301-302, 401-402, Mathematics through Calculus 210 and Physics 201 and 202.

The chemistry minor consists of eighteen hours including Chemistry 103 and 104.

- 103-104. **Inorganic Chemistry**—A study of the principles of inorganic chemistry including qualitative analysis. Five semester hours each semester.
150. **Inorganic Chemistry**—A one semester survey of the principles of inorganic chemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.
202. **Quantitative Analysis**—A course including representative types of gravimetric and volumetric analysis and a study of the techniques and fundamental principles of analytical chemistry and the stoichiometric problems. Four semester hours.
251. **Organic and Physiological Chemistry**—A one semester survey of organic chemistry and elementary biochemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.
290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

- 301-302. Organic Chemistry**—A study of the preparation, properties, structure, and reactions of organic compounds. Aliphatic compounds are studied in the first semester and the aromatic compounds in the second. Prerequisite: Chemistry 103-104. Four semester hours each semester.
- 310. Biochemistry**—A comprehensive study of the chemical processes taking place in living cells with special emphasis on metabolism and related chemical principles. Prerequisites: Chemistry 302 or concurrent registration and at least eight hours of biology or the consent of the instructor. Four semester hours.
- 311. Organic Qualitative Analysis**—A course in the standard methods of identification of organic compounds. Prerequisite: Chemistry 302 or concurrent registration. Four semester hours.
- 401-402. Physical Chemistry**—The study of the states of matter, elementary thermodynamics, solutions, electromotive force, chemical and ionic equilibria colloids, and atomic and nuclear structure. Prerequisites: Chemistry 104, 202, and Physics 201-202. Four semester hours each semester.
- 405. Advanced Inorganic Chemistry**—A systematic study of the elements including atomic structure, bonding, molecular structure, and the Periodic Table. The laboratory consists of selected inorganic preparations. Prerequisite: Chemistry 202. Four semester hours.



DR. JIM BALCH, MATHEMATICS

490. **Research Problem**—Research on special problems in chemistry under the direct supervision of an instructor. Prerequisite: Twenty hours of chemistry and consent of faculty member to direct the research problem. One to four semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

MATHEMATICS

The aims of the mathematics program at Milligan College are to develop a systematic basis for logical reasoning, to promote an attitude of unprejudiced inquiry, to provide a general mathematical foundation for life's activities, to supply the working tools for other disciplines, and to promote a desire for further investigation and study. It is designed for students interested in teaching, engineering, computer science, chemistry, and business.

A major in mathematics shall consist of thirty semester hours which must include Math 111, 112, 209, and 210. A minor shall require twenty-four semester hours which must include Math 111, 112, and 209. Math 111-112 will be waived with possible credit for students who exhibit adequate proficiency.

100. **Basic Mathematics**—A self-paced review of the basic concepts associated with the real number system and techniques for performing the fundamental operations on its various subsets. Beginning with the integers and proceeding through the rationals (expressed both as decimals and fractions) to the reals, emphasis is given to calculation of sums, differences, products, quotients, powers, roots, least common multiple, greatest common divisor, and percentages. Some attention is also given to the solution of simple equations, basic geometry, and the use of the hand-held calculator. One semester hour. Not applicable toward any major or minor.
- 103-104. **Fundamental Concepts**—A study of the real numbers and elementary geometry. As tools for the development of the real numbers and the geometry, a study is made in detail of set theory and logic. Special attention is given to numeration and to language definition. Each number system (natural numbers, whole numbers, integers, rational, and real) is developed from the preceding system by definition. Three semester hours each semester.
108. **Mathematics of Finance**—A study of mathematical tools directly related to the field of management and finance, including a study of percent, simple and compound interest, simple and general annuities, amortization, depreciation and capitalization. For business majors and teacher certification only. Three semester hours.
111. **Algebra**—A study of mathematical methods, the natural numbers, rational numbers, real numbers, relations and functions, algebraic expressions, polynomials, complex numbers, fractions, exponents and radicals, equations, matrices and determinants, progressions, permutations, combinations and probability. Three semester hours.
112. **Trigonometry**—A study of trigonometric functions, triangles, exponents and logarithms, identities, inverse trigonometric functions, complex numbers, and trigonometric equations. Two semester hours.
121. **Math for the Liberal Arts**—An informal survey of sets, logic, geometry, probability, statistics, linear programming, and computer science. Not open to math or science majors. Prerequisite: High school algebra. Four semester hours.
201. **Introduction to Computer Science**—A general introduction to the concepts and basic features of the electronic computer. The student learns basic computer language and algorithms by their application in constructing workable programs. One or two semester hours.

- 209. Analytics and Calculus I**—A study of functions, limits, derivatives, and integrals—their definition, calculation and application, transcendental functions, and the conics. Six semester hours.
- 210. Analytics and Calculus II**—A study of indeterminate forms, Taylor's formula, infinite series, plane curves, three-dimensional analytic geometry, calculus of functions of several variables, and differential equations. Six semester hours.
- 214. Statistics**—A study of probability distributions and inferential as well as descriptive statistics. Topics such as frequency tables, measures of central tendency and dispersion, confidence intervals, and tests of hypothesis are included. Recommended for math majors. Three semester hours.
- 215. Modern Geometry**—A study of axiomatics, logic, Euclidean and non-Euclidean geometries from a historical viewpoint. Euclidean incidence, betweenness, congruence, and separation are studied along with models for non-Euclidean geometries and their impact on mathematical thought. Recommended for prospective teachers of mathematics. Offered alternate years. Three semester hours.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 305. Differential Equations**—A study of the differential equations, their meaning, types of solution, and uses. Recommended for math majors and minors interested in chemistry and applied math. Prerequisite: Math 210. Three semester hours.
- 307. Linear Algebra**—A study of vector spaces, matrices and linear systems, determinants, inner products, and linear transformations. Recommended for all math majors. Offered alternate years. Three semester hours.
- 308. Modern Algebra**—A study of algebraic structures such as rings, fields, groups, and integral domains. Recommended for math majors. Offered alternate years. Three semester hours.
- 310. Topology**—A study of open sets, closed sets, functions, continuity, compactness, connectedness, product spaces, and homomorphism. Offered alternate years. Three semester hours.
- 390. Mathematical Logic**—(See Philosophy 390).
- 408. Numerical Analysis**—A study which enables one to write mathematical processes such as integration, differentiation, matrix inversion, and estimation of roots, with arithmetic operations. Study includes orientation toward machine computation. Prerequisite: Math 210. Offered alternate years. Three semester hours.
- 411. Introduction to Analysis**—A study of topological preliminaries, convergence, continuity, differentiability, the Riemann integral, sequences and series of functions, measure and generalized integration. Prerequisite: Math 210. Offered alternate years. Three semester hours.
- 415A, B, C. Independent Work in Mathematics**—Individual work offered on demand. Topics such as number theory, projective geometry, multivariable calculus, linear programming, game theory, and complex variables are possibilities. Prerequisite: Major with 3.0 grade point average in math. Offered alternate years. One to three semester hours.

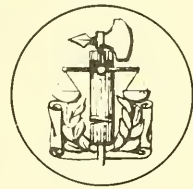
PHYSICS

- 103. Physical Science**—A study of basic concepts in physics, chemistry, geology, astronomy, and chemistry. Not applicable toward a major or minor in biology or chemistry. Four semester hours.

- 201-202. General Physics**—A study of the fundamental principles of mechanics, sound, and heat the first semester. Light and the elements of magnetism and electricity are considered in the second semester. Prerequisite: a knowledge of plane geometry and trigonometry. Four semester hours each semester.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.



Area of Social Learning



Dr. Orvel Crowder, Chairman

The social learning program of Milligan College is designed to provide for the student a broad and appreciative understanding of man in his social relationships. The approach is both humane and scientific. The purpose of the discipline is to develop the student's comprehension of contemporary problems and to motivate him to seek their solutions in terms of Christian ethics.

ECONOMICS

For course descriptions in Economics see the Area of Professional Learning, Economics:

Economics 201-202	Principles of Economics
Economics 301	Corporation Finance
Economics 302	Financial Management
Economics 304	Government and Business
Economics 311	History of Economic Thought
Economics 312	Economic History of the United States
Economics 401	Labor Economics
Economics 402	Public Finance
Economics 403	Money and Banking
Economics 415	International Economics
Economics 451	Comparative Economic Systems

GOVERNMENT

290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
303. **American National Government**—A survey of the principles of the American federal system and a study of the structure and function of the national government. Three semester hours.
304. **Government and Business**—A survey of governmental regulation of economic activity, such as public utilities, transportation, security issuance and commodity markets, competitive practices, and agriculture with brief reference to labor and total wartime controls. Both the economic and political effects of such regulation are considered. Three semester hours.
311. **State and Local Government**—A study of the structure and function of state and local governments in the United States and the political environment in which they exist. Prerequisite: Government 303. Three semester hours.
401. **Comparative Government**—An analysis of the theory, structure, and functioning of the governments of the United Kingdom, France, Germany, and the Soviet Union with brief treatments of Japan, Norway, Sweden, Canada, India, and the Latin American republics. Prerequisite: Government 303. Offered alternate years. Three semester hours.
402. **Political Theory**—A study of the contributions to political thought of the principal philosophers from ancient through modern times with selected readings from representative writers. Offered alternate years. Three semester hours.
403. **American Constitutional Law**—A survey of the historical development of the American Constitution with emphasis on the role of the judicial branch of

the government as arbiter in determining the respective limits on national and state power, in protecting the individual against that national and state activity which offends the Bill of Rights and other constitutional guarantees of liberty and property, and in securing civil rights. Selected court cases will be studied. Three semester hours.

490. **Readings in Government**—Supervised independent readings for a greater depth or a different approach than provided in other courses. Prerequisite: Government 303. One to three semester hours.
491. **Fieldwork**—A practicum experience that will involve the student in a position in government under adequate supervision for the joint purposes of learning about government and possible occupational choices. Prerequisite: Government 303. One to three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. Prerequisite: Government 303. One to three semester hours.

HISTORY

An adequate understanding of the present and an intelligent shaping of the future depend upon the knowledge of history. It is, therefore, in keeping with the mission of Milligan College that a sound program of historical study be offered. The major in history consists of thirty hours, of which six will normally be included in the two year Humanities sequence. History majors will advance toward the Bachelor of Arts degree. Fifteen hours must be at the 300 level or above. History 309-310 is required for both the major and the minor.

The minor in history consists of eighteen hours, of which six may be included in the two year Humanities sequence.

223. **History of Greece**—An in-depth study of the Greek world from its foundation through the Hellenic age, to the Hellenistic era with special reference to the various cultural strains contributing to the Greek Experience. The Grecian influence upon the Near Orient is traced. Two semester hours.
224. **History of Rome**—A survey of Rome's progress from Republican times to its decline and replacement by the Germanic kingdoms in the fourth and fifth Christian centuries. Two semester hours.
271. **History of Christian Missions**—(See Christian Ministries 271). Not applicable toward history major or minor.
290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
306. **Medieval History**—A study of the development of western culture from the beginning of the Roman Empire to 1500. The degeneration of Roman institutions with consequent feudalism is carefully traced. The commercial revival and cultural revolution is studied, along with other factors leading toward the Protestant Reformation. Three semester hours.
308. **Contemporary History**—A study of events, ideas, and institutions since 1870 with particular attention to the continuing growth of nationalism, world organizations, technological changes, and totalitarianism. Three semester hours.
- 309-310. **American History**—A study of the history of the United States from the Colonial Period to World War II with special reference to the history of Tennessee. Careful study is given to the growth of American political institutions and the social and economic life of the people of the United States. Three semester hours each semester.

311. **History of Economic Thought**—(See Economics 311).
312. **Economic History of the United States**—(See Economics 312).
313. **Problems of Contemporary Civilization**—An advanced study of selected problems of the present era such as revolution, nationalism, and colonialism. Offered alternate years. Three semester hours.
321. **History of the Renaissance**—A study of the transition from the Middle Ages to the Modern World emphasizing cultural change from 1300 to 1600. Three semester hours.
- 331-332. **History of England**—A study of the history of England from the earliest times to the present, emphasizing the English constitutional development, the concept of representative government, and the building of the Empire. Prerequisite: Humanities 101-102 is desired. Offered alternate years. Three semester hours each semester.
- 341-342. **Church History**—A study of the history of the church from its beginning to the present. Attention is given to the rise of the theological patterns, denominational developments, and the church's response to prevailing culture. Prerequisite: Humanities 101-102. Three semester hours each semester.
351. **History of the Reformation**—A study of the religious revolution of the sixteenth century emphasizing both traditional reformers and reformers in the "free-church" tradition. Three semester hours.
- 361-362. **History of Russia**—A survey of the history of Russia with emphasis upon major developments in the modern and contemporary scene. Offered alternate years. Three semester hours each semester.



DR. KENNETH W. OOSTING, ACADEMIC DEAN

371. **American Colonial Period**—A study of American colonial history beginning with the establishment of North American colonies and concluding with the American Revolution with an emphasis upon factors in this period having an effect upon American growth and development. Three semester hours.
376. **Jefferson to Jackson**—A study of the period between the lives of Thomas Jefferson and Andrew Jackson with attention given to the ideas and events which resulted in the emergence of the nation and the development of the frontier. Three semester hours.
381. **The Revolutionary Era**—A study of the emergence of democratic ideas, the Industrial Revolution, the emergence of nationalism, and the role of political and cultural revolution in Europe from 1760 to 1870. Three semester hours.
- 401-402. **Intellectual History of the Western World**—A study of the development of selected ideas within western culture and an evaluation of their impact upon the modern world. Offered alternate years. Two semester hours each semester.
- 403-404. **Historiography**—An advanced study of the principles of historical investigation and research. Offered alternate years. One semester hour each semester.
411. **Civil War and Reconstruction**—An examination of the political, social, and economic forces leading to the disruption of the Union. A study is included of the military action resulting from secession, the factors contributing to the ultimate victory of the Union, and the problems of reconstruction facing the nation. Three semester hours.
412. **Recent American History**—A study of the political, economic, diplomatic, and social history of the United States since 1933 with special emphasis on the period since World War II. Three semester hours.
421. **History of the Ancient Near East**—A study of the history of the emerging Mesopotamian civilization from earliest times through the fall of the Sasanid Persian Empire. The diffusion of this civilization into the rest of the Near East is traced. Two semester hours.
422. **Cultural History of the Ancient Near East**—An examination of the ancient Near Eastern response to life as revealed in myth and epic, belles lettres, religion, institutions, and sociological patterns. Two semester hours.
423. **Early and Medieval Islamic History**—An analysis of Islam's origins, within the Near Eastern cultural complex and its course of conquest through the Near East until the Ottoman Turkish Empire. Emphasis is given to Moslem contribution to Western Civilization. Two semester hours.
424. **Modern Near Eastern History**—An appraisal of the Near Eastern role in the Western World from the Ottoman Turkish Empire through the present Arab-Israeli confrontation. Two semester hours.
- 431-432. **Reformation of the Nineteenth Century**—A study of the background issues, and courses of the nineteenth and twentieth century efforts to restore New Testament Christianity. Prerequisite: History 341-342. Not applicable toward a history major or minor. Three semester hours each semester.
445. **Historical Research**—A study of the theory and exercise in the practice of original historical research. Prerequisite: a grade point average of 3.0. Three semester hours.
446. **Historical Readings**—A concentrated program of readings in history and its related fields, designed to broaden perspectives and to deepen insights. Prerequisite: A grade-point average of 3.0. Three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

HUMAN RELATIONS

Human Relations Major

The Sub-Area of Human Relations provides a major and a minor in human relations with curricula leading to B.S. and B.A. degrees. The major enables students to develop specialty programs in psychology, sociology, social agency administration, youth leadership, or government/business leadership. The B.S. degree requires 36 hours. The B.A. degree requires 27 hours with a foreign language in Tracks I, II, and III and 30 hours with a foreign language in Tracks IV and V. A major in human relations requires a program of 12 hours of core courses which are Psychology 155, 350 and Sociology 201, 303. Remaining courses for an elective must be taken from the specific courses listed for that track and must be arranged in consultation with the Area Chairman. Students may not major in one track while minor in a different track of the human relations program. Students electing Track V may not use any courses counted toward the major as meeting minor requirements or those of a double major.

Core Courses

Psy. 155 (3 hours) Soc. 201 (3 hours)
 Psy. 350 (3 hours) Soc. 303 (3 hours)*

Track One: Psychology	Track Two: Sociology and Anthropology	Track Three: Social Agencies***	Track Four: Youth Leadership	Track Five: Government/Business Leadership
Required Courses: (9-10) Psy. 250 Psy. 259** Psy. 358	Required Courses: (9) Soc. 210 Soc. 401 Soc. 451	Required Courses: (9) Soc. 311 Soc. 403 Soc. 451	Required Courses: (16-17) H&PE 203, 300, or 301 H&PE 409 Psy. 452 R.E. 317 Soc. 426	Required Courses: (18) B. Adm. 361 B. Adm. 363 Econ. 201 Econ. 202 Gov. 304 or 311 Gov. 491 or B. Adm. 491
Suggested Electives: Math 214 Psy. 252 Psy. 352 Psy. 353 Psy. 401 Psy. 404 Psy. 490 Psy. 491 Psy. 427 Psy. 452 Psy. 454 Psy. 456	Suggested Electives: Soc. 311 Soc. 312 Soc. 314 Soc. 360 Soc. 403 Soc. 461 Soc. 210 Soc. 414 Soc. 421 Soc. 426	Suggested Electives: Psy. 250 Psy. 252 Psy. 352 Psy. 353 Psy. 401 Psy. 458 Soc. 210 Soc. 312 Soc. 491 Soc. 413 Soc. 416	Suggested Electives: R.E. 304 R.E. 308 R.E. 318 or 411 Soc. 311 H&PE 311 Psy. 250 Soc. 314 Psy. 353 Psy. 358 Soc. 403 Psy. 404 Psy. 405 Psy. 458 R.E. 261 Soc. 491 or Soc. course	Suggested Electives: Other B. Adm. and Econ. courses Other Gov. courses Psy. 353 Soc. 426

*Government 303 is substituted for Soc. 303 (Core Course) in Track V.

**Students certifying to teach may substitute Psy. 454 for Psy. 259.

***For those interested in agency and institutional management, a minor in Business Administration is suggested.

Human Relations Minors

The Sub-Area of Human Relations provides a major and a minor in human relations with curricula leading to B.S. and B.A. degrees. A minor in human relations is 18 hours including the required courses for the track selected. Only those electives specifically listed may apply to the minor and are to be arranged in consultation with the Area Chairman.

Track One: Psychology	Track Two: Sociology and Anthropology	Track Three: Social Agencies	Track Four: Youth Leadership
Required Courses: (9) Psy. 155 Psy. 350 Soc. 201	Required Courses: (12) Psy. 155 Soc. 201 Soc. 303 Psy. 350	Required Courses: (12) Psy. 350 Psy. 352 Soc. 201 Soc. 303	Required Courses: (18) H&PE 409 Psy. 350 Psy. 452 Soc. 201 Soc. 303 Soc. 426
Recommended Electives: (9) Math 214 Psy. 250 Psy. 252 Psy. 358 Psy. 452 Soc. 303 Soc. 426	Recommended Electives: (6) Math 214 Psy. 250 Soc. 210 Soc. 301 Soc. 311 Soc. 314 Soc. 426	Recommended Electives: (6) Gov. 304 Psy. 250 Psy. 353 Psy. 458 Soc. 201 Soc. 311	Recommended Electives: H&PE 111 or 411 H&PE 203, 300, and 301 H&PE 311 H&PE 409 Psy. 250 Psy. 252 Psy. 353 R.E.261 R.E. 317 R.E. 318 Soc. 201
Other Possible Electives: Any other Psy. course Soc. 210 Soc. 360 Soc. 414	Other Possible Electives: Any other Soc. course	Other Possible Electives: B. Adm. 361 B. Adm. 362 B. Adm. 401 B. Adm. 402 Econ. 201-202 Psy. 401 Any other Soc. course	Other Possible Electives: Psy. 358 Psy. 404 Psy. 405 Psy. 458 R.E. 304 R.E. 308 Any other Soc. course

PSYCHOLOGY

The course-offerings in psychology are designed to meet the needs of those who are preparing for graduate study in psychology, as well as to serve students for whom psychology is one of the important dimensions of a liberal arts education. While the major orientation is Christian and humanistic, a thorough understanding of the behavioristic approach is believed to be essential.

Those certifying to teach may substitute up to 8 hours of courses in education for courses in psychology for a Track One human relations major.

- 155. The Psychology of Adjustment**—A study of basic principles of personality adjustment. Emphasis is upon personal application of concepts related to topics such as interpersonal communication, abnormal behavior, self-concept, and social interaction. Three semester hours.
- 250. General Psychology**—An introduction to the discipline of psychology. The study covers the background, methodology, and major findings from each of the major sub-areas of psychology. Three semester hours.
- 252. Developmental Psychology**—A study of the origins of psychological processes and general genetic principles and development of the individual in physical, lingual, social, intellectual, emotional, and personal areas. The course is offered under the direction of either the Psychology or Education areas. Unless the student plans to certify as a teacher, it should be taken under a professor in Psychology. In Education: Four semester hours. In Psychology: Three semester hours.
- 259. Experimental Psychology**—A study of research methodologies in psychology with special emphasis upon experimentation. The study covers research planning, experimental design, data collection and analysis, and the construction of models and theories. Laboratory work emphasizes application of these concepts. Prerequisite: Psychology 250 or concurrent enrollment. Four semester hours.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 350. Social Psychology**—A study of the findings of science with regard to the individual in society. Some emphasis is given to research and experimentation. Three semester hours.
- 352. Industrial and Business Psychology**—A study of the practical applications of psychological principles in industry, business, advertising, and the professions. Three semester hours.
- 353. Personality, Motivation, Development, and Assessment**—A course to give students a sound introduction to the scientific study of personality. The basic orientation is substantive and empirical, but some attention is given to theories of personality; learning theories, psychoanalysis, and recent developments in cognitive theory. The course may be substituted for Psychology 358, Abnormal Psychology, as required course for psychology majors and minors. Prerequisite: Psychology 155. Three semester hours.
- 357. Introduction to the Theory and Practice of Counseling**—A course designed for students to learn about counseling and psychotherapy primarily by practicing the skills that constitute the counseling process. The aim is to utilize class-members for the practical applications and implementation of techniques in therapeutic process, as well as to develop a balanced view of the major concepts of various therapies. Three semester hours.
- 358. Abnormal Psychology**—A careful consideration of the data and principles which have proved helpful in interpreting deviations from normal behavior. Three semester hours.

- 401. **Systems and Theories**—An overview of the major systems and theories of contemporary psychology, with in-depth study in areas of specialization, including refresher practicum in statistics and experimentation. Three semester hours.
- 404. **Educational Psychology**—A treatment of growth and development of children and adolescents with emphasis on the learning process and the evaluation of the educational program. Three semester hours.
- 405. **Theories of Learning**—A study of both the behaviorist and cognitive approaches to issues in learning, memory, and cognition. The course examines issues from both an empirical and theoretical viewpoint and covers applications of learning theory to areas such as clinical and educational psychology. Prerequisite: Psychology 250. Three semester hours.



- 427. Perception and Physiological Psychology**—A study of the various modes of operation of perceptual systems and the physiological mechanisms that underlie behavior and experience. Topics include human information processing, biological bases of learning, memory, and mental disorders, the central nervous system, and sleeping and dreaming. Prerequisites: Psychology 250 and 259. Three semester hours.
- 452. Pastoral Counseling**—An introductory course, primarily for preministerial students, considering the theory and processes of sound counseling and clinical psychology. Three semester hours.
- 454. Introduction to Psychological Testing**—A study of the theory and methods of measuring human behavior, including a survey of representative tests of ability and tests of typical performance. Three semester hours.
- 456. Reading Seminar in Psychology**—Presentations by staff of relevant problems in all areas of psychology and problems involving its communication with other disciplines. One to three semester hours.
- 458. Humanistic Psychology**—A course in the concepts of man, mind, and basic human nature in the light of contemporary psychology. Particular emphasis is given to Existential and Phenomenological insights and their influence on contemporary life and art. Three semester hours.
- 490. Special Problems in Psychology**—Supervised independent readings or minor research on selected problems in the field of psychology. Prerequisite: Consent of instructor. One to three semester hours.
- 491. Field Work in Psychology**—Supervised field work in various institutions and agencies, including children's homes, schools, homes for the aging, delinquency and probation programs as well as work with other agencies. Prerequisite: Consent of instructor. Three to six semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SOCIOLOGY

- 201. Introduction to Sociology**—A scientific study of human society and the various means by which individuals and groups adjust to each other and to their physical and social environment. Three semester hours.
- 210. Introduction to Cultural Anthropology**—A study of the dynamics of culture and society; folkways, mores, and institutions and their significance for comprehending the variations in contemporary cultural orientations, customs and manners. Three semester hours.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 303. Family**—A study of the social significance of the modern American family viewed in the perspective of its cultural heritage. Three semester hours.
- 311. The Sociology of Crime and Delinquency**—A study of the nature of crime and delinquency, including criminal statistics, casual factors, theories, and procedures in prevention, treatment, and corrections. Prerequisite: Sociology 201. Three semester hours.
- 312. Juvenile Delinquency**—An assessment of the nature of the delinquency problem, major sociological causes and their implications for control, and the administration of juvenile justice. There will be field contacts with juvenile counselors and the Johnson City Juvenile Court. Three semester hours.

314. **Race and Ethnic Relations**—A study of racial and cultural contacts and conflicts, including an analysis of prejudice and discrimination, status and participation of minority groups, and national and international aspects of minority problems. Prerequisite: Sociology 201. Three semester hours.
350. **Social Psychology**—(See Psychology 350). Does not meet general education requirements for sociology, economics, or government. Three semester hours.
360. **Problems of Cross-Cultural Communication**—A study of inductive and theoretical analysis of the problems encountered in the communication of ideas across culture boundaries, their basis and origin, their consequences and approaches to overcoming them. Prerequisite: Sociology 201. Three semester hours.
401. **Sociological Research**—An introduction to the methods of data collecting and analysis and the interpretation of social data. Required of all majors in Track Two. Three semester hours.
403. **Urban Sociology**—A study of the sociology of urban life, including theories or urban growth, ecology, and dynamics of urban change. Prerequisite: Sociology 201. Three semester hours.
413. **Seminar in Aging and Retirement**—A study of the life-circle, psychological and physiological changes, adaptation to old age and retirement, and disengagement. Prerequisite: Sociology 201 and 303. Three semester hours.
414. **Seminar in Kinship**—A study of anthropological theories and methods in the study of kinship around the world; an inductive analysis based on ethnographic reports. Prerequisite: Sociology 201. Three semester hours.
421. **Sociology of Religion**—A study of interactive relationships between religious and other social institutions with special attention to the contemporary American religious scene. Three semester hours.
426. **Sociology of Small Groups**—A social-psychological approach to small group dynamics and interaction. Prerequisite: Sociology 201. Three semester hours.
451. **Sociological Theory**—A study of the origin and growth of sociological thought, beginning with Comte, Spencer, and LePlay. Special attention will be given to the contemporary developments in sociological theory. Prerequisite: Consent of the instructor. Three semester hours.
456. **Reading Seminar in Sociology and Anthropology**—A concentrated program of readings in sociology and anthropology for the advanced student designed to broaden perspectives and to deepen insights. Prerequisite: Consent of the instructor. One to three semester hours.
461. **Dynamics of Culture Change**—A study of the identification of the processes of culture change, both internal and external, and critical study of theories offered to account for culture change. Three semester hours.
490. **Special Problems in Sociology**—Supervised independent minor research, reading, or experience in group leadership. Prerequisite: Sociology 201 and the consent of instructor. One to six semester hours.
491. **Field Work in Sociology**—Supervised field work in various institutions and agencies, including children's homes, homes for the aging, delinquency and probation work, as well as work with other agencies. Prerequisite: Sociology 201 and consent of instructor. Three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

THE MILLIGAN COMMUNITY



THE MILLIGAN COMMUNITY

We distinguish those who hold some form of membership in the College as the "Milligan Community." Membership consists of five classifications: trustees, advisers, faculty, students, and alumni. The term "Community" thus refers not to a geographic or social locality but rather to persons sustaining a relationship to one another through their membership in the College. These persons are held together by a common heritage, by common ideals, and by commitment to a common ultimate goal. We speak informally of the association as "the Milligan Family." Experience set in such a community is productive of a common spirit, a deep affection, a mutual trust, and enthusiasm in discharging the responsibilities and enjoying the rewards incident to membership in the College.

The Board of Trustees

The trustees are the members of the College to whom are committed the ownership and oversight of the physical property of the College and the responsibility of electing the officers of administration and of instruction. Upon recommendation of the faculty, they authorize the advancement of candidates to the degree for which they have qualified. The Board of Trustees is self-perpetuating. Members are chosen from the Advisers for their commitment to the purpose of the College.

The Trustees, January 1979

Robert H. Alexander, Executive Director, Southern California Evangelistic Association, Torrance, California

Robert E. Banks, Secretary, Attorney, Elizabethton, Tennessee

Russell F. Blowers, Minister, East 91st Street Christian Church, Indianapolis, Indiana

Samuel C. Bower, Physician, Mill Hall, Pennsylvania

James Burleson, Senior Vice President and Senior Trust Officer, Hamilton National Bank, Johnson City, Tennessee

Theodore Cord, Minister, First Christian Church, Granbury, Texas

Jordan Crouch, Executive Vice President and Secretary, Nevada Bankers Association, Reno, Nevada

John Davis, Executive, Delta Airlines, East Point, Georgia

Henry Gruenberg, Retired, Flanagan, Illinois, and North Miami, Florida

Harry J. Guion, Insurance Agent, Indianapolis, Indiana

John Hart, Retired, Johnson City, Tennessee

Howard Hauser, President, Brown and Hauser Auto Sales, Inc., Corning, New York

Ard Hoven, Professor, Kentucky Christian College, Grayson, Kentucky

Steve Lacy, Business Executive, Johnson City, Tennessee

Leslie L. Lumsden, Retired, Punta Gorda, Florida, and Elizabethton, Tennessee

Howard C. McCorkle, Educational Consultant, Johnson City, Tennessee

Mrs. L. W. McCown, Historian and Church Woman, Johnson City, Tennessee

James H. Magness, President, the Forest Hill State Bank, Forest Hill, Maryland

Jack R. Musick, Treasurer, Circuit Court Judge, Elizabethton, Tennessee

Wade Patrick, Businessman, Johnson City, Tennessee

Mrs. B. D. Phillips, Chairman, Educator and Church Woman, Butler, Pennsylvania

W. V. Ramsey, Vice Chairman, Merchant, Mountain City, Tennessee

Ralph Small, Vice President and Publisher, Standard Publishing Company, Cincinnati, Ohio

Robert L. Taylor, United States District Court Judge, Knoxville, Tennessee

Roy True, Public Accountant, Johnson City, Tennessee

George Walker, Insurance Executive, Canton, Ohio

Frank L. Wiegand, Attorney, Pittsburgh, Pennsylvania

Trustees Emeriti

Jack Covington, Contractor, Winston-Salem, North Carolina

W. H. MacDonald, Retired, Johnson City, Tennessee

John U. Phelps, Minister, Clemmons, North Carolina

James L. Tarwater, Executive, Roane Hoisery Mills, Harriman, Tennessee

The Advisors, January 1979

- Ron Adams, District Supervisor, Connecticut Mutual Life, Las Vegas, Nevada
Charles E. Allen, Physician, Johnson City, Tennessee
Sylvan Amstutz, Businessman, Orrville, Ohio
William Anderson, Minister, First Christian Church, Erwin, Tennessee
John Banks, Attorney, Elizabethton, Tennessee
James Barton, Minister, First Christian Church, Nashville, Tennessee
Phil Blowers, Attorney-at-law, Indianapolis, Indiana
Clyde Broyles, Jr., Businessman, Elizabethton, Tennessee
Melvin Bryant, Minister, First Christian Church, Salem, Missouri
H. A. Bullis, Minister, Mountain Christian Church, Joppa, Maryland
Wade Bunting, Real Estate Development, Greensboro, North Carolina
William S. Carter, Businessman and Philanthropist, Dallas, Texas
Floyd Collins, Collins Brothers Oil Co., Mt. Vernon, Illinois
E. Richard Crabtree, Minister, First Christian Church, Canton, Ohio
Horace (Butch) Dabney, Central Office Supply Co., Inc., Louisville, Kentucky
Glen Daugherty, Minister, Central Christian Church, Greeneville, Tennessee
Harold DeVault, Businessman, Concord, Tennessee
Wayne Emery, Minister, Central Holston Christian Church, Bristol, Tennessee
James Evans, Minister, Westside Christian Church, East Point, Georgia
W. Edward Fine Minister of Education, Central Christian Church, St. Petersburg,
Florida
Jack Gilbert, Financial Coordinator, Allison Division, General Motors, Indianapolis,
Indiana
Charles Gresham, Educator, Kentucky Christian College, Grayson, Kentucky
Fred I. Head, Senior Advisor, U. S. Government-Office of Economic Opportunity,
Peachtree City, Georgia
Henry Hill, Minister, Downtown Christian Church, Johnson City, Tennessee
Robert Huckstep, Quality Control Manager, Sperry Marine Systems, Charlottesville,
Virginia
Keven Huddleston, Student, Emmanuel School of Religion, Johnson City, Ten-
nessee
David C. Hughston, Insurance Executive, Brownsville, Texas
W. E. Hyder, Retired, Johnson City, Tennessee
Gary Jenkins, Minister, First Christian Church, Aurora, Illinois
E. P. (Penny) Jones, Executive, Boy Scouts of America, Atlanta, Georgia
Robert L. Kroh, Minister, Central Christian Church, Las Vegas, Nevada
James Landrum, Minister, Northside Christian Church, Bloomington, Indiana
Marshall Leggett, Minister, Broadway Christian Church, Lexington, Kentucky
Jack C. Leimbach, Minister, Church of Christ, Mill Hall, Pennsylvania
John V. Long, Minister, First Christian Church, Brook, Indiana
Kent E. McQuiston, Accountant, Indianapolis, Indiana
David Marler, Chaplain, Veteran's Administration, Indianapolis, Indiana
Donald Marshall, Minister, First Christian Church, Elizabethton, Tennessee
Richard Marshall, Minister, First Christian Church of Mountain City, Mountain City,
Tennessee
Kenneth A. Meade, Minister, Church of Christ at Manor Woods, Rockville, Maryland
Gordon Mehaffey, Minister, First Christian Church, Dodge City, Kansas
Galer Miller, Package Development Engineer, Eli Lilly & Company, Indianapolis,
Indiana
Warren Miller, Medical Resident, Indianapolis, Indiana
John Mills, Minister, First Church of Christ, Painsville, Ohio
John Newman, Businessman, Louisville, Kentucky
William O. Norris, Minister of Evangelism, First Christian Church, Nashville, Ten-
nessee
Paul F. Nourse, Minister, First Christian Church, Evansville, Indiana
Ann O'Connell, Businesswoman, Las Vegas, Nevada
John R. Pierce, Minister, First Christian Church, Ft. Myers, Florida
Walter Puckett, Minister, Oaklandon Christian Church, Indianapolis, Indiana
David Pugh, Teacher, Howe High School, Indianapolis, Indiana

John Ray, Graduate Student, St. Louis, Missouri
Lucian Robinson, Evangelist, Lexington, Kentucky
Robert Robinson, Insurance Marketing Manager, Indianapolis, Indiana
Goffery Salyer, Business-Mining, Elkhorn City, Kentucky
John Samples, Minister, Garden Grove Church of Christ, Garden Grove, California
Donald Sams, Minister, Christian Church, High Point, North Carolina
John R. Selders, Minister, Greenford Christian Church, Greenford, Ohio
Mrs. Ruth G. Settles, Retired, Louisville, Kentucky
Allen Sharp, U. S. District Court Judge, South Bend, Indiana
Robert W. Shaw, Minister, Central Christian Church, Coral Gables, Florida
Ralph E. Sims, Minister, First Christian Church, Johnson City, Tennessee
Ronald Spotts, Businessman, Beechcreek, Pennsylvania
Joseph Sutherland, Professor, Emmanuel School of Religion, Johnson City, Tennessee
Laurie Sutherland, Graduate Student, University of Tennessee, Knoxville, Tennessee
Marvin Swiney, Principal, Mountain Mission School, Grundy, Virginia
Thomas L. Tatham, Attorney, Miami, Florida
Mrs. Frank Wiegand, Church Woman, Pittsburgh, Pennsylvania
Jerry Williams, Minister, Ben Davis Christian Church, Indianapolis, Indiana
Harold Zimmerman, Retired, Indianapolis, Indiana
Ronald Zimmerman, Senior Purchasing Expdeiter, Detroit Diesel Allison, Indianapolis, Indiana



FACULTY SOCIAL

FACULTY AND ADMINISTRATION 1978-79

JESS W. JOHNSON, President (1966)
B.Th., Northwest Christian College;
B.D., Christian Theological Seminary;
D.D., Milligan College; University of
Oregon; Butler University; Union The-
ological Seminary; LaSalle University.

DEAN EVEREST WALKER, Chancellor
(1950)
B.A., Tri-State College; M.A., B.D.,
Butler University; D.D., Milligan Col-
lege; S.T.D., Kentucky Christian Col-
lege; Litt.D., Tri-State College; Bethany
College; Ohio University; University of
Chicago; University of Edinburgh.

KENNETH W. OOSTING, Academic Dean (1976)

A.B.Ed., University of Michigan; M.A., Central Michigan University; Ph.D., Uni-
versity of Minnesota; Muskegon Community College; American University; Michi-
gan State University; University of Colorado.

B. J. MOORE, Business Manager (1965)
B.S., East Tennessee State University.

EUGENE H. WIGGINTON, Director of Development (1971)
B.A., Cincinnati Bible Seminary.

Administration

PHYLLIS DAMPIER FONTAINE, Registrar and Director of Admissions (1963)
B.S., M.A., East Tennessee University; Milligan College.

LAWRENCE E. HUFF, Financial Aid Officer (1973)
B.A., Milligan College; Emmanuel School of Religion.

RODNEY D. IRVIN, Director of Communications (1972)
B.A., Milligan College; M.S., University of Tennessee.

KENNETH JOHNSTON, Director of Church Relations (1972)
B. Th., D.D., Northwest Christian College; Oregon College of Education; Butler
School of Religion.

JOE P. McCORMICK, Assistant to the President (1956)
B.S., L.I.D., Milligan College.

JOHN W. NETH, Director of the P. H. Welshimer Library (1953-58, 1962)
B.S., Bethany College; M.A., Butler University; B.D., Christian Theological Semi-
nary; M.A. in L.S., Peabody College for Teachers; University of Santo Thomas
(P.I.); George Washington University; Western Reserve University.

PHILLIP A. WORRELL, Director of Counseling and Student Activities (1969)
B.S., Milligan College; M.S., Indiana State College; Butler University; Kent State
University.

Professors

PAUL A. CLARK, Chairman, Area of Professional Learning and Professor of Educa-
tion and Director of Teacher Education (1965)
B.A., Harding College; M.A., East Tennessee State University; Ed.D., University
of Kentucky.

ORVEL C. CROWDER, Chairman, Area of Social Learning, Professor of Psychology
and Bible (1957)
B.A., Hiram College; M.A., Cincinnati Bible Seminary; Th.B., Harvard University;
D.D., Atlanta Christian College; University of Tennessee.

ROBERT O. FIFE, Professor at Large (1954)
B.A., Johnson Bible College; B.D., Butler University; Ph.D., Indiana Univeristy,
University of Glasgow.

WILLIAM C. GWALTNEY, JR., Chairman, Area of Humane Learning and Professor
of Bible (1964)
Th.B., Cincinnati Bible Seminary; B.A., Wilmington College; Ph.D., Hebrew Union
College; University of Cincinnati, University of Chicago, Oriental Institute.

HOWARD A. HAYES, Professor Emeritus of Bible (1967)

B.A., Milligan College; B.D., School of Religion, Butler University; M.A., Butler University; S.T.M., D. Min, Vanderbilt University.

DENNIS HELSABECK, Professor Emeritus of Counseling (1963)

B.A., Johnson Bible College; M.A., University of Michigan; B.D., Butler University; Ph.D., University of Wisconsin; Ball University; College of the Bible.

IVOR JONES, Professor Emeritus of History (1942)

B.A., Milligan College; M.A., University of Tennessee; Columbia University; Goerge Peabody College; Duke University; Oxford University.

EDDIE LEACH, Chairman, Area of Scientific Learning and Professor of Biology (1969)

B.A., M.A., Baylor University; Ph.D., Texas A&M University.

EUGENE P. PRICE, Chairman, Area of Professional Learning and Professor of Business Administration (1949)

B.A., M.A., Duke University; Harvard University.



JAMES L. SHIELDS, Professor of Education and Director of Student Teaching (1959)

B.Sc. in Ed., University of Southern California; B.A., M.A., Pacific Christian College; M.A., University of California, Long Beach; Ed.D., University of Tennessee; Talent Education Institute, Matsumoto, Japan; East Tennessee State University.

LONE L. SISK, Professor Emeritus of Chemistry (1948)

B.A., Carson-Newman College; B.S., East Tennessee State College; M.A., George Peabody College; D.Sc., Milligan College; University of Tennessee; Vanderbilt University.

HUGHES THOMPSON, Professor Emeritus of Chemistry (1928-48, 1956)

B.A., Wake Forest College; M.S., Ph.D., North Carolina State College.

HAZEL TURBEVILLE, Professor Emeritus of Secretarial Science (1950)

B.A., Western State Teachers College; M.A., University of Kentucky; Ed.S., George Peabody College; Bowling Green Business University.

DUARD B. WALKER, Professor of Health and Physical Education (1951)

B.A. and B.S. in Physical Education, Milligan College; M.A., Teachers College, Columbia University; University of Tennessee.

HENRY E. WEBB, Chairman, Area of Biblical Learning and Dean E. Walker Professor of Church History (1950)

B.A., Cincinnati Bible Seminary; Ph.B. Xavier University; B.D., Ph.D., Southern Baptist Theological Seminary; Butler University; Union Theological Seminary; Oxford University.

C. ROBERT WETZEL, Professor of Philosophy (1961)

B.A., Midwest Christian College; M.S., Fort Hays Kansas State College; Ph.D., University of Nebraska; University of Cambridge.

Associate Professors

JAMES BALCH, Associate Professor of Mathematica (1972)

B.A., Arkansas College; M.S., Ed.D., Oklahoma State University.

PATRICIA JANE BONNER, Associate Professor of Health and Physical Education (1966)

B.A., Milligan College; M.E., University of Arizona; M.R.E., Emmanuel School of Religion; Ed.S., George Peabody College for Teachers; Ed.D. Highland University; San Fernando State College; Fullerton State College; Pepperdine College; University of Colorado; University of California at Los Angeles.

ROWENA BOWERS, Associate Professor of Health and Physical Education (1958)

B.S., M.A., East Tennessee State University; University of Tennessee.

JEANETTE E. CROSSWHITE, Associate Professor of Music (1967)

B.M.E., Longwood College; B.C.M., M.C.M., Southern Baptist Theological Seminary; Memphis State University.

TERRY J. DIBBLE, Associate Professor of English (1971)

B.S., M.S., Fort Hays Kansas State College; Ph.D., University of Nebraska.

JOHN DOWD, Associate Professor of Music (1963-67, 1969)

B.M., M.M., New England Conservatory of Music; Ph.D., University of West Virginia; Boston University; University of Tampa.

CHARLES W. GEE, Associate Professor of Biology and Education (1967)

B.S., University of Wisconsin; M.S., Oklahoma State University; Ph.D., Michigan State University.

ROBERT B. HALL, Associate Professor of Sociology (1967)

B.A., Cincinnati Bible Seminary; B.S., M.A., Butler University; M.A., East Tennessee State University; Southern Baptist Theological Seminary; Vanderbilt University; University of Chattanooga; Harvard University; University of Tennessee.

- ROY HAMPTON, Associate Professor of Mathematics (1963)
 B.S., Milligan College; M.S., University of Pittsburgh; University of Tennessee;
 East Tennessee State University; John Hopkins University; University of Kan-
 sas; Columbia University; Clark College.
- JUANITA JONES, Associate Professor of English (1968)
 B.A., Milligan College; M.A., University of Tennessee; East Tennessee State
 University; University of Chicago.
- RICHARD D. LURA, Associate Professor of Chemistry (1971)
 B.A., University of Wisconsin; Ph.D., Iowa State University.
- JOHN L. MORRISON, Associate Professor of Education (1968)
 B.Th. San Jose Bible College; A.B., M.A., San Jose State College; Ph.D.
 Stanford University; Cambridge University.
- CAROLYN NIPPER, Associate Professor of English (1966)
 B.A., Milligan College; M.A., University of Tennessee; University of Kentucky.
- EUGENE NIX, Associate Professor of Chemistry (1967)
 B.S., M.S., Ed.D., University of Georgia; West Georgia College; Fort Hays
 Kansas State College; Oak Ridge Associated University.
- EUEL J. OWNBY, Associate Professor of Education (1961)
 B.A., Carson-Newman College; M.A., George Peabody College; Ed.D., University
 of Tennessee.
- RICHARD PHILLIPS, Associate Professor of Bible (1967)
 B.A., Th.M., Lincoln Christian College; M.Div., Christian Theological Seminary;
 M.A., Butler University; Ph.D., Vanderbilt University; J.D., University of Ten-
 nessee.
- IRA READ, Associate Professor of History (1967)
 B.A., Milligan College; M.A., Ph.D., Emory University.
- DONALD SHAFFER, Associate Professor of German (1963-68, 1973)
 B.A., Albion College; M.A., Ph.D., Indiana University; Michigan State University;
 Cincinnati Bible Seminary; East Tennessee State University; University Hamburg.
- B. HAROLD STOUT, Associate Professor of Health and Physical Education (1958)
 B.S., East Tennessee State University; M.S., University of Tennessee; Ed.D.,
 East Tennessee State University.
- EARL STUCKENBRUCK, Associate Professor of Bible (1951-52, 1968)
 B.A., University of Kansas; B.D., Butler University; University of Birmingham,
 England; University of Tuebingen, Germany.
- CHARLES R. TABER, Associate Professor of Anthropology (1973)
 B.A., Bryan College; M.A., Ph.D., Hartford Seminary Foundation.
- GARY O. WALLACE, Associate Professor of Biology (1967-68, 1971)
 B.S., Austin Peay State College; M.S., Ph.D., University of Tennessee.
- WILLIAM H. WRIGHT, Associate Professor of Art (1973)
 B.F.A., M.F.A., University of Kansas.

Assistant Professors

- SUE ABEGGLEN, Assistant Professor (1977)
 A.B., Lincoln Christian College; B.S., M.S., Indiana University.
- ANNA MAY CROWDER, Assistant Professor of English (1965)
 A.B., B.M., Oklahoma College for Women; M.A., East Tennessee State Uni-
 versity; University of Arkansas; University of California; Christian Choral School
 (Chicago), Columbia University.
- SUSAN GAYLE HIGGINS, Assistant Professor of Sociology (1977)
 B.A., Lincoln Christian College; M.A., Ph.D., Indiana University.
- JACK L. KNOWLES, Assistant Professor of English (1970)
 B.A., Milligan College; M.A., University of Tennessee; Ohio State University.



VIRGINIA LAWS, Assistant Professor of Secretarial Science (1974)
B.S., Milligan College; M.A., East Tennessee State University.

DAVID A. MacKENZIE, Assistant Professor of Music (1977)
B.M., University of Tennessee; M.M., M.M.A., Yale University School of Music.

WAYNE E. MILLER, Assistant Professor of Business Administration (1975)
B.S., East Tennessee State University; M.A., University of Kentucky.

EDWIN S. NELSON, Assistant Professor of Bible (1974)
B.A., Platte Valley Bible College; M.Div., Lincoln Christian Seminary; M.Th.,
Gordon Conwell Theological Seminary; Colorado State College; Harding Gradu-
ate School of Religion; Boston University.

DAVID C. RUNNER, Assistant Professor of Music (1972)
B. Mus., Boise State University; M.Mus., D.M.A., Eastman School of Music,
University of Rochester.

E. EUGENE SCHULTZ, JR., Assistant Professor of Psychology (1977)
B.A., University of California, Los Angeles; M.S., Ph.D., Purdue University;
University of Oregon.

JOHN C. WAKEFIELD, Assistant Professor of Music (1974)
B.A., MacMurray College; M.M., Northwestern University; Yale University School
of Music.

CAROLYN WOOLARD, Assistant Professor of French (1972)
B.A., Bridgewater College; M.A., University of Kentucky; Universite de Stras-
bourg.

PHILLIP A. WORRELL, Assistant Professor of Physical Education (1969)
B.S., Milligan College; M.S., Indiana State College; Butler University; Kent
State University.

Instructor

MARIE GARRETT, Assistant Librarian (1977)
B.A., Milligan College; M.L.S., Peabody College for Teachers.

Support Personnel

Paul Bader, Student Enlistment Officer
 Sam Combs, Director of Food Operations
 Buford Deaton, Director of Encounter Ministries
 Chuck King, Superintendent of Buildings and Grounds
 Opal Lyons, L.P.N., Campus Nurse
 Rebekah Reeves, Student Enlistment Officer
 J. T. Smedley, M.D., Campus Physician
 Robert Williams, Student Enlistment Officer
 Bill Woolard, Student Union Building Manager

Endowment Funds of Milligan College

Milligan College is a church-related, liberal arts college. It is dedicated to high scholarship and Christian character. It receives its income from endowments, gifts, and student fees. It is not a tax-supported school.

The following Endowment Funds, Trust Funds, and Memorial Funds have been established in Milligan College.

Named Funds

The Hoover-Price Trust Fund
 The McWane Foundation Fund
 The Waddy Trust Fund
 The Johnson City Endowment Fund
 The Corinna Smithson Cashman Fund
 The Adam B. Crouch Memorial Fund
 The Sarah Eleanor La Rue Hopwood Memorial Fund
 The Josephus Hopwood Memorial Fund
 The C. W. Mathney Memorial Fund
 The Frank P. Walthour, Sr., Memorial Fund
 The Robert A. Balderson Memorial Fund
 The Thomas Wilkinson Memorial Fund
 The E. E. Linthicum Memorial Fund
 The Elizabethton Endowment Fund
 The Ministerial Scholarship Fund of the Erwin Christian Church
 The Milligan College Building and Endowment Fund
 The McCowan Fund
 The Perry L. Gould Memorial Fund
 The L. G. Runk Endowment Fund
 The Milligan Alumni Endowment Fund
 The Derthick Memorial Fund
 The Kelton Todd Miller Memorial Fund
 The Horace E. and Mary Surepta Burnham Memorial Fund
 The Anglin Fund
 The Aylette Rains Van Hook Memorial Fund
 The Mary Harvey Taber Memorial Fund
 The McCormick Fund
 The Florence Ley Walker Memorial Fund
 The Philip Scharfstein Scholarship Fund
 The Webb D. Sutton Trust Fund
 The Edith B. Cottrell Memorial Fund
 The Milligan College Memorial Foundation
 The Barbara Mains Memorial Fund
 The Wiley Wilson Memorial Fund
 The B. D. Phillips Fund
 The Milligan College Cemetery Association
 The George Iverson Baker Memorial Fund
 The Anna Lucas Kennedy Fund
 The Sam J. Hyder Memorial Fund
 The Ada Bennett Memorial Fund
 The A. F. Cochran Memorial Fund

The Purpose of Man Award Fund
 The Arthur H. Miller Memorial Fund
 The Mary Hardin McCowan Living Endowment Fund
 The Dorothy S. Wilson Memorial Fund
 The Clarence and Lela Anderson Brumit Memorial Fund
 The Guy and Rhea Oakes Memorial Fund
 The Evangeline K. Lucas Memorial Fund
 The Joseph R. Crandall Memorial Fund
 The Myrtle C. King Memorial Fund
 The Lone L. Sisk Endowment Fund
 The Mr. and Mrs. Fred Proffitt Memorial Fund
 The Dr. Charles E. and Florence A. Burns Memorial Fund
 The Dr. H. O. Bowling Memorial Fund
 The Ira and Irene Atkinson Memorial Fund
 The John C. Paty, Sr., Memorial Fund
 The James H. Smith Memorial Fund
 The Herschell J. Springfield Memorial Fund
 The Dora D. Shoun Memorial Fund
 The Clyde Ratliff Memorial Fund
 The Virginia Burns Elder Memorial Fund
 The Edgar Ralph Turner Memorial Fund
 The W. Sylvester Hughes Endowment Fund
 The 1968 Class Fund
 The 1976 Class Fund
 The 1977 Class Fund
 The Mrs. William Butler Van Hook Memorial Fund
 The William E. and William R. Clem Endowment Fund
 The 1978 Class Fund
 The John L. Kuhn Memorial Fund
 The William E. Axamethy Memorial Fund

It is hoped that through the years many other funds may be established. Anyone wishing to establish such a fund should write to Dr. Jess Johnson, President, Milligan College, Milligan College, Tennessee 37682.

Living Link Relationship

Christian churches which contribute \$3,000 or more annually to the general fund of Milligan College are eligible to select one of the professors of the college as the living-link Christian educator of that congregation.

Sharing in this special relationship are:

Christian Church, Brownsburg, Indiana; Plainfield Christian Church, Plainfield, Indiana—Dr. Robert O. Fife

East 91st Street Christian Church, Indianapolis, Indiana—Dr. C. Robert Wetzel

First Christian Church, Johnson City, Tennessee—Dr. John L. Morrison

First Christian Church, Chicago, Illinois: THE DEAN E. WALKER CHAIR OF CHURCH HISTORY—Dr. Henry E. Webb

Churches desiring information concerning this program may write to the President of the College.

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MILLIGAN COLLEGE CALENDAR

Summer Session, 1979

Registration	June 11
First Term Class	June 11-July 11
Independence Day, No Classes	July 4
Second Term	July 12-August 10

Fall Semester, 1979

Dorms Open to Freshmen	August 25
Conference for Parents of Freshmen	August 25
Freshmen Orientation	August 25-28
Faculty Conference	August 27
Dorms Open to Upperclassmen	August 27
Registration (Freshmen and Transfers)	August 28
Registration (Upperclassmen and Transfers)	August 29
Classes Begin	August 30
Matriculation	August 31
Freshmen and Transfer Reception	August 31
Fall Break	5:00 p.m., October 10 to 8:00 a.m., October 16
Founder's Day	November 9-10
Thanksgiving Holidays	5:00 p.m., November 21 to 8:00 a.m., November 26
Last Day of Classes	December 17
Final Examinations	December 18-20

Spring Semester, 1980

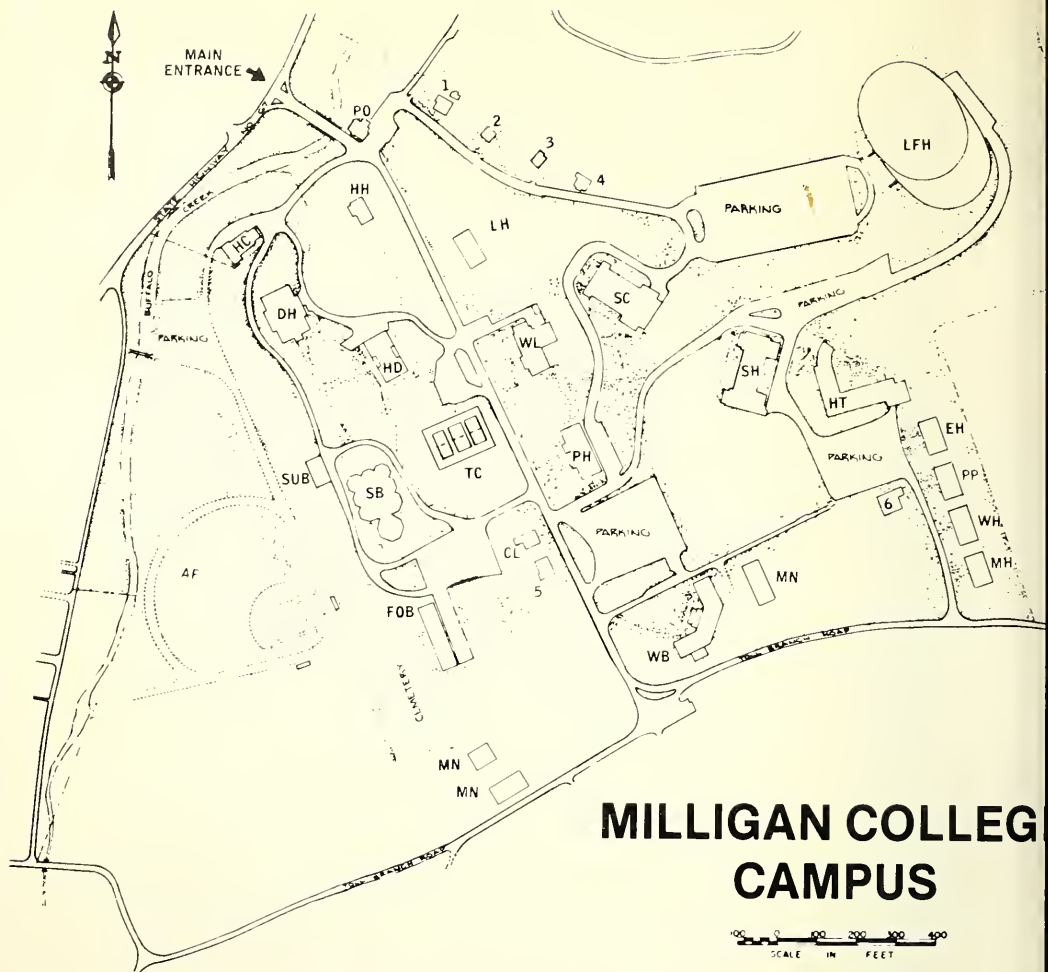
New Student Orientation	January 14
Registration	January 15, 16
Classes Begin	January 17
Spring Break	Noon, March 14 to 8:00 a.m., March 24
Awards Dinner	May 1
Final Examinations	May 12-16
Baccalaureate and Commencement	May 18

Summer Session, 1980

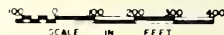
Registration	June 9
First Term Classes	June 9-July 9
Independence Day, No Classes	July 4
Second Term Classes	July 10-August 8

Fall Semester, 1980

Dorms Open to Freshmen	August 23
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MILLIGAN COLLEGE CAMPUS

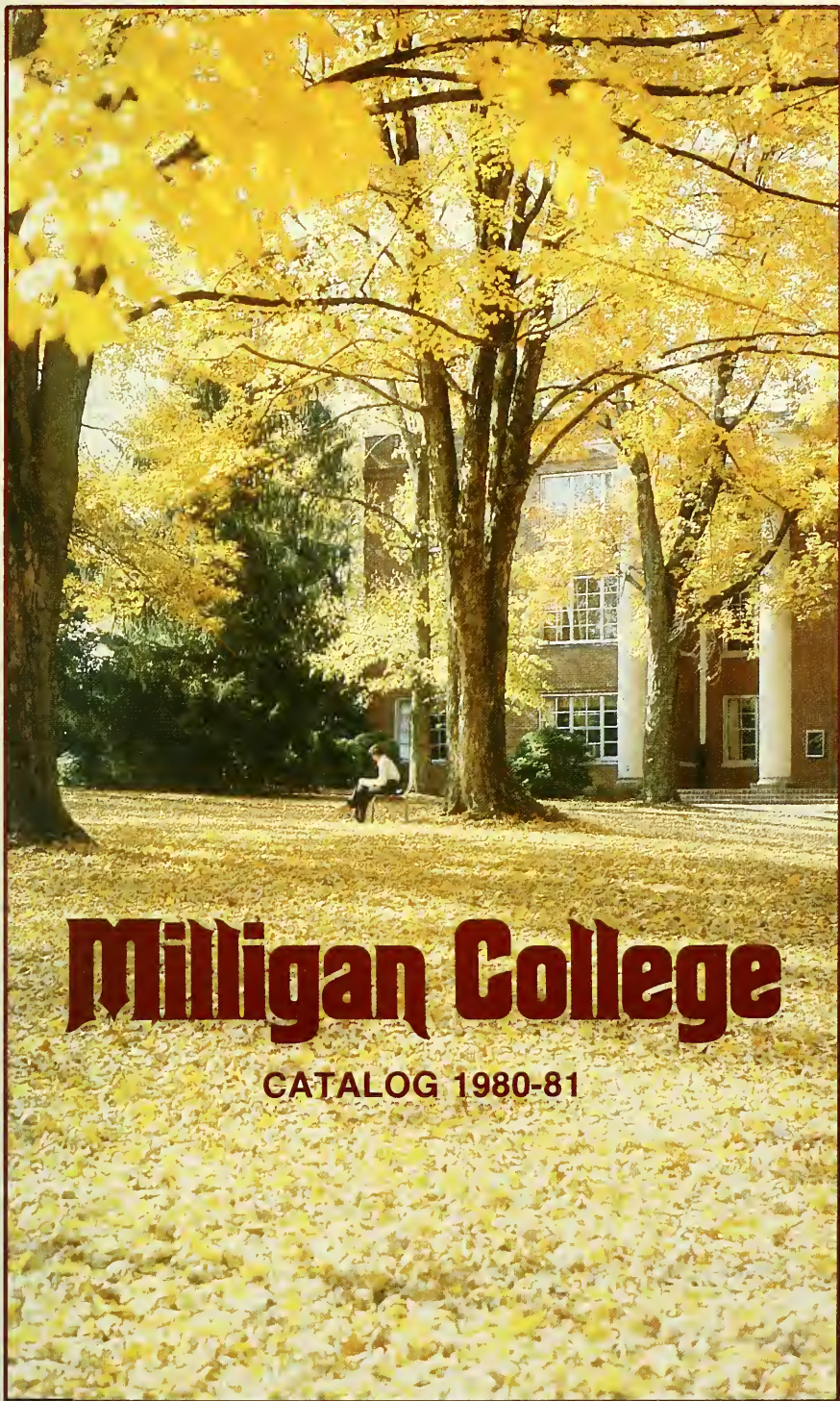


KEY TO CAMPUS

AF	Anglin Field
CL	Clinic
DH	Derthick Hall (Ad. Bldg.)
EH	Ehrman Hall (Married Apartments)
FOB	Faculty Office Building
HC	Hopwood Church
HD	Hardin Hall (residence and offices)
HH	Hospitality House (Mary Hardin McCown Cottage)
HT	Hart Hall (residence)
LFH	Lacy Fieldhouse
LH	Litte Hartland
MH	Murch Hall (Married Apartments)
MN	Maintenance Building
PH	Pardee Hall (residence)

PO	Post Office
PP	Phillips Hall (Married Apartments)
SB	Science Building
SC	Seeger Chapel
SH	Sutton Hall (residence)
SUB	Student Union Building
TC	Tennis Courts
WB	Webb Hall (residence)
WH	Welshimer Hall (Married Apartments)
WL	Welshimer Library

1	House "A"
2	House "B"
3	House "C"
4	House "D"
5	House "E"
6	House "F"



Milligan College

CATALOG 1980-81

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Milligan College holds full membership in the following accrediting agencies and professional organizations:

- American Association of Colleges for Teacher Education
- Association of American Colleges
- Association of Intercollegiate Athletics for Women
- Association for Schools, Colleges, and University Staffing
- College Placement Council
- Council for the Advancement of Small Colleges
- Council of Protestant Colleges
- National Association of Intercollegiate Athletics
- National Council for the Accreditation of Teacher Education
- Southern Association of Colleges and Schools
- Tennessee College Association
- Tennessee College Public Relations Association
- Tennessee College Women's Sports Federation
- Tennessee Independent Colleges Fund
- Tennessee Intercollegiate Athletic Conference
- Volunteer State Athletic Conference

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NATURE OF THE COLLEGE



HERITAGE

Milligan College is located in Upper East Tennessee in the territory that was once the lost state of Franklin, an area rich in history and tradition.

At Sycamore Shoals, near the campus, the Watauga Association adopted a constitution providing for self-government, prior to the Declaration of Independence. A few miles from the College, American troops assembled for the famed march to the Battle of King's Mountain which proved to be the turning point in the American Revolution. Toward the west are the homes of General John Sevier and Colonel John Tipton, early heroes of the Volunteer State. Jonesboro, the first capital of Tennessee, is some ten miles west of the campus. Rocky Mount, the original capital of the Southwest Territory, is some ten miles north of the campus. The homes and land of two of Tennessee's great governors, Robert and Alfred Taylor, are adjacent to the campus.

In the third decade of the nineteenth century, freedom-loving people introduced the Restoration principle into the religious life of the area. Milligan College owes its beginnings to the school conducted in the old Buffalo Church which is now the Hopwood Memorial Church.

On December 10, 1866, Buffalo Male and Female Institute, under the leadership of Wilson G. Barker, was chartered by the State of Tennessee. A building was constructed, and instruction was begun the next year. In 1875 the leadership of this academy was transferred to Josephus Hopwood, a native of Kentucky.

In 1881 he laid the cornerstone for an expanded building. At the same time he announced the elevation of the institute to collegiate rank and the new name, Milligan College. This name was chosen to honor Professor Robert Milligan of Kentucky University (Transylvania), whom President Hopwood regarded as the embodiment of Christian scholarship and Christian gentility.

President Hopwood sought to establish a four-fold program in the College. He looked to the physical sciences as the source of man's conquest of the earth. He regarded history, philosophy, and the social studies as the source of human self-knowledge and self-government. He thought of professional and vocational education as the means of sustaining a free social order and of reducing scientific knowledge to the service of men in material civilization. He accepted a knowledge of revelation and the possession of Christian faith as the necessary control through which mankind could establish and maintain a culture in blending the first three. To this end he adopted the motto, "Christian Education—the Hope of the World."

President Hopwood continued in the presidency until 1903 when he left Milligan to found a college in Virginia. Dr. Henry Garrett, a member of the faculty, was elevated to the presidency.

Upon President Garrett's resignation in 1908 Dr. Frederick D. Kershner, president of the American University, Harriman, Tennessee, was elected to the presidency. Dr. Kershner was a brilliant young scholar and was soon to be in demand by a larger institution. In 1911 he left Milligan to assume the presidency of Texas Christian University.

From 1911 to 1915 the College was under the leadership of three different men: Tyler E. Utterback, Everett W. McDiarmid, and James T. McKissick.

In 1915 Dr. Hopwood, who had completed the founding of colleges in Virginia and Georgia since leaving Milligan in 1903, returned for a two-year ad-interim presidency.

In 1917 Henry J. Derthick was inaugurated as the eighth president of Milligan. During this period Milligan College, with the support of many patrons living a considerable distance from the campus, served many young people from the Southern Highlands. The campus was expanded to some sixty acres, and the facilities of the College were increased. The Administration Building was rebuilt after a fire; Pardee Hall was built as a dormitory for men; Cheek Activity Building was

constructed for recreational purposes; and a number of smaller buildings were added. Dr. Derthick succeeded in bringing the College through World War I and the Great Depression, preserving the academic integrity and quality of the College.

Dean Charles E. Burns succeeded to the presidency in 1940, just prior to the American entrance into the Second World War. In the crisis of that period, Milligan offered its entire facilities to the United States Government. From July of 1943 to the spring of 1945 a Navy V-12 program was conducted. Milligan was the only college in the United States given over completely to a Navy program.

The civilian work of the College was resumed under the presidency of Virgil Elliott in 1945. Two major problems confronted the College at this time. The breaking of ties with alumni and friends during the Second World War proved to be a serious handicap. No less difficult was the task of assisting a large number of ex-GI's to effect a transition from military to civilian life.

Dr. Dean E. Walker came to the presidency in January 1950 from a twenty-five year professorship in the Butler University School of Religion.

Recognizing the need of the small college to play an increasingly large part in the educational program of our land, the College adopted a long-range development program. Students were enlisted from a larger area, encompassing most of the States and several foreign countries. A financial program was undertaken to stabilize the College; the endowment was increased; existing buildings were renovated and newly furnished; new patrons were sought for the College; the curriculum was expanded; and higher faculty standards were established.

During Dr. Walker's administration the campus was expanded to more than 135 acres of land. New buildings added included the Student Union Building, Sutton Hall, Webb Hall, the P. H. Welshimer Memorial Library, the Seeger Memorial Chapel, and Hart Hall.

On November 1, 1960 Milligan received the Quality Improvement Award administered by the Association of American Colleges for the United States Steel Foundation. On December 1, 1960 Milligan was admitted with full accreditation into membership in the Southern Association of Colleges and Schools.

In June 1968 Dr. Jess W. Johnson, having served in the capacity of Executive Vice-President for two years, was elevated to the presidency of the College on the retirement of President Dean E. Walker, who became the Chancellor of the College. The campus has continued to develop under Dr. Johnson's leadership. The Faculty Office Building was built in 1969, and the Science Building was dedicated in May 1972. In November of 1976 the Steve Lacy Field House was completed.

Throughout her history Milligan has maintained an active relationship to a religious movement committed to the restoration of new Testament Christianity. The Christian people participating in this movement consistently disclaim denominational status, and the faculty and trustees of the College maintain an intelligent awareness of a commitment to this position. The members of Milligan feel that such a non-denominational position permits them to examine all aspects of life, secular and religious, in the light of the New Testament, unrestricted by human tradition. In this view of Christian faith, all vocations, avocations, and associations permitting the exercise of fellowship under the Lordship of Christ are expressions of good citizenship under God, in state, in church, and in society. In Milligan tradition the student is confronted with a synthesis of learning regarded by the College as essential to his understanding of and personal responsibility in his various relationships in life for the stewardship of which he must give account before God and his fellowmen.

CHARACTER

The Milligan tradition is expressed in the motto "Christian Education—the Hope of the World." The curriculum includes a study of the Holy Scriptures as a requirement for the bachelor's degree. This requirement derives from the belief that God is

revealed in His only begotten Son, Jesus, the Christ. This belief gives meaning to human life and is the only force of sufficient moral strength to create educational ideals of the highest order and to inspire the integrity to achieve them.

Milligan College has been co-educational from the beginning of its history. This policy rests upon the conviction that the problems of the entire social order are better solved when men and women share alike in basic knowledge.

It is a distinguishing characteristic of Milligan College that Biblical data is introduced into the content of each course taught. Such teaching is assured by the selection of a faculty in cordial sympathy with this view. A primary objective is to include Christian understanding and practice in the total of life's attitudes and activities.

It is a further significant characteristic that Milligan believes this objective obtainable through the presentation of the data of Christianity in its original form, the New Testament.

Accordingly, no denominational or creedal tests are imposed upon any student in admission to membership in Milligan College or in the attainment of any of its honors, awards, or degrees.

The liberal arts are defined in Milligan College as those studies and disciplines through which the spirit of man is freed and further endowed with moral power. The study of these arts is thus essential to the attainment and maintenance of a civilization of free men. The concept of freedom can be held only by those individuals who recognize the dignity and sanctity of human life. The possessor of that life, however, can enjoy the highest potential only through the disciplines of sound learning. It is this learning which gives direction and meaning to life through time into eternity. A personality so equipped is the master of skills and facts, is never dominated by them, and uses them for the service of mankind and of God.



Thus, the purpose of liberal education is the development of persons to whom may safely be entrusted the vast scientific and technical knowledge and skill developed by research.

Such a program includes more than the pursuit of "secular" studies in a "Christian atmosphere." It contemplates the inter-penetration of the three great bodies of learning: the realm of nature, the realm of humanity, and the realm of divinity. The practical application of the resultant synthesis in both vocational and leisure activities characterizes the life of a truly educated man.

Another characteristic of Milligan College is the sense of obligation assumed by the faculty. Applicants for admission to membership in Milligan are considered in the light of this searching question: "What can we do for this student?" Therefore, with regard to each applicant who possesses adequate secondary education and expresses an acceptance of the approach described above, the College addresses itself to this question. "Has Milligan sufficient facilities and understanding to realize the end product envisioned?"

Membership in Milligan College consists of those who sustain a relationship in one of the following categories: the Board of Trustees, the Board of Advisers, the Administration, the Faculty, the Student Body, and the Alumni. This membership is a privilege conferred by the Institution and involves reciprocal responsibilities and concerns. Admission to membership in any one of the divisions is extended by the College at its discretion through established channels.

Admission to membership in Milligan College carries with it a pledge of responsibility by the student that he will subject himself to the rigorous discipline of the above program. Men and women who choose to decline this responsibility forfeit the privilege of membership in the College.

SPECIFIC OBJECTIVES

Since its beginning Milligan College has sought for each student the following objectives:

A Positive, Personal Christian Faith That Jesus Is Lord and Saviour.

The expression "Jesus is Lord and Saviour" is to be understood in the historical Biblical significance. Jesus, the Man of Nazareth, is God's Son, therefore, both Saviour and Lord of Life. The attainment of positive, personal Christian faith means the commitment of the life to this Jesus.

An Insight Into Christian Ethics to Guide the Conduct of His Life.

This involves a recognition of the norms of human conduct that derive their sanction from the Christian faith.

The Capacity to Recognize and Assume His Responsibility in Society.

One of the main functions of education is to arouse within the individual an awareness of his indebtedness to his fellowmen, to foster a desire on his part to assume his responsibility, and to prepare him to fulfill his obligation to society.

The Knowledge, Meaning, and Application of Sound Scholarship.

The student is led to develop a respect and enthusiasm for sound scholarship, such as will inspire him to seek it with diligence and perseverance.

Preparation for Securing for Himself and His Family a Comfortable Standard of Living.

This may be accomplished through training in personal and public health, courses of study designed to develop the quality of aesthetic appreciation, a background of basic liberal arts courses, plus the selection of a field of interest which will provide an adequate livelihood.

Participation in Wholesome Recreational Activities.

Participation in wholesome recreational activities is a worthwhile experience to the individual who participates. This may be accomplished through intramural sports, intercollegiate sports, dormitory living, student union fellowship, and student-initiated recreational activities.

STUDENT LIFE

Residence

Milligan students not living with their parents, grandparents, married brother or sister or spouse are required to live in a College dormitory. Maintenance or use of any separate quarters is expressly forbidden. Violation of this regulation will subject the student to suspension.

Dormitory rooms are equipped with all necessary furniture. Students supply blankets, pillows, bedspreads, curtains, rugs, study lamps, and accessories.

The College reserves the right to inspect dormitory rooms at all times. The College may, if and when necessary, search dormitory rooms at the direction of the Director of Student Life. The rooms are subject to spot checks by the Resident. The Dormitory Resident will be required to approve the use and condition of each room.

Students are responsible for the use and condition of their rooms. Damage to the room or its furnishings will be assessed to the occupants of the room.

All residence halls and the dining hall are closed during college vacations. Students will not be permitted to stay on campus during these periods.

Married Student Housing

Milligan College has available thirty-two apartments for married students. These are two-bedroom units. They are totally electric, including heating and air-conditioning. All of the apartments are equipped with kitchen appliances and carpeting. The units are unfurnished. Additional information may be obtained by contacting the Director of Student Life.

Conduct

Milligan College is intent upon integrating Christian faith with scholarship and life. Because of this Christian commitment, Milligan college values the integrity of each individual. However, the action of each person affects the whole community. During attendance at Milligan each student is considered a representative of the College whether he is on or off the campus. The College, therefore, reserves the right to refuse, suspend, or dismiss any student. Public disclosure of reasons shall be at the discretion of the President.

Among the rules of conduct enforced by the College, the following are called to the student's attention:

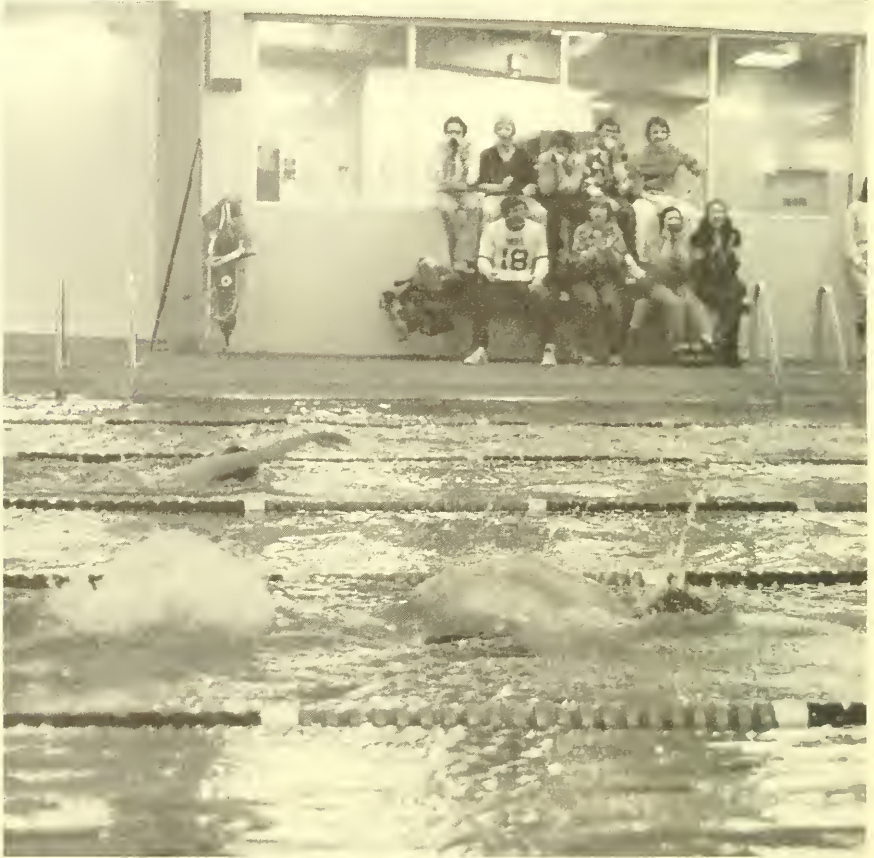
1. Individual or collective student enterprises which use the College name or involve the absence of the participants from the College must receive the official sanction of the College Administration.
2. Dishonesty in examinations, in class work, or in any other aspect of college life is regarded as a serious offense.
3. Milligan College has a deep concern for the present and future health of its students. It particularly is concerned with the serious problems and consequences related to the use of alcoholic beverages and illegal drugs. Therefore, the use of alcoholic beverages or illegal drugs by a Milligan student, whether on the campus or away, will subject the student to disciplinary action, suspension or dismissal.
4. Social dancing is not a part of the Milligan tradition.
5. The use of tobacco is discouraged for health reasons. The use of tobacco is restricted to designated areas of the campus.

Automobile

The privilege of using an automobile is granted to all students. The College will not be responsible for any personal or public liability growing out of the student's use or possession of the car on or off campus.

An automobile registration fee of \$5.00 per semester will be charged.

Rules governing student use of motor vehicles are determined and administered by the Director of Student Life, assisted by the Student Government.



Social Activities

All social activities should first be approved by the faculty sponsor and then entered on the College Master Calendar in the office of the Academic Dean. All such activities will be attended by the faculty sponsors of the organization involved. The College seeks to encourage the development of an active and meaningful social life for all students.

Dormitories

The Resident in each dormitory, in conference with the dormitory council, helps create an atmosphere which is most conducive to the best community life in the dormitory. The Resident is assisted by Resident Assistants who are part of the staff of the Director of Student Life. General dormitory regulations are the responsibility of the dormitory councils in cooperation with the Director's staff.

Friendship

The visitor to the Milligan campus invariably notices the friendliness and the spirit of comradeship which characterize the entire Milligan circle, faculty and students alike. Each student has an adviser. This experienced faculty member is concerned not only that the student excel academically but also that he benefit from the opportunities afforded by a small college environment.

Provision for a well-rounded social life receives special attention. Recreational and social activities are planned by student committees working with the faculty. Initiative in student participation is encouraged.

The cultivation of high ideals and good habits, together with their expression in social poise and consideration for others, is a major concern.

Since faculty members regard each student as a younger friend, individual counsel and other friendly help are always available to each student. We speak of "membership" in Milligan College rather than "attending" Milligan College.

Health

Milligan takes every reasonable precaution to prevent accidents and illness.

The services of a nurse are provided in a clinic on the campus to care for minor ailments and any emergency. Students are expected to report at once to the college nurse any accidents or illness. When necessary, referral is made to local physicians.

The College cannot assume financial liability for off-campus physician and hospital services. Most families are protected today for medical and hospital claims through special insurance programs. For those not so covered, the College will offer assistance in arranging an insurance program through a reliable insurance company; otherwise, the parents must provide a statement releasing the College from financial responsibility. All students participating in inter-collegiate athletics are required to show coverage in an accident and hospitalization program.

Mental and social health are also a concern of the College. The Director of Student Life is available for some counseling in these areas. In addition the services of area mental health facilities can be utilized. However, the College is not equipped to promote long-range, in-depth psychoanalytic or psychiatric care.

Religious Life

Regular church attendance is encouraged of all Milligan students. Opportunities for worship are provided on campus each Sunday in Seeger Memorial Chapel and the Hopwood Memorial Christian Church and off campus in many churches in the area. Students find opportunities for service as well as wide fellowship through both city and rural churches in the vicinity of the College. Regular convocation services are conducted in the chapel by the College twice a week.

The student has many opportunities to develop his prayer and devotional life. There are several churches in the area which have mid-week services. Many students close their day's activities in small prayer groups in the dormitories. More formal prayer services are held frequently in the dormitories and in Seeger Memorial Chapel. The William E. Sweeney Memorial Chapel in Seeger Memorial Chapel provides a quiet place for devotions and meditations during the day and at vespers.

Participation in the Christian Service Club is open to all students. This organization meets the first Monday of each month. It also sponsors informal vesper services. The aim of the club is expressed in the motto: "Fellowship of Christian Outreach." There are seven specific areas of outreach: 1) the Milligan family, 2) low-rent housing areas, 3) East Tennessee Children's Home, 4) Appalachian Christian Village, 5) convalescent homes, 6) radio programs, and 7) gospel teams. There are also discussion sessions at different times during the week which help the students get to know one another in Christian love.

The Association of Christian Ministries is an organization of ministerial students and members of the faculty who are ministers. The meetings of the Association are designed to present the challenges and opportunities of the Christian ministry.

The Missions Club is an organization of all students interested in the missionary work of the church, both at home and abroad. The club seeks to disseminate information about the various mission fields and the recruitment of missionaries.

Representative Organizations

Operating under a constitution approved by the Administration of the College, the Student Government Association serves as the official representative voice of Milligan students and promotes academic, social, and religious activities for the campus community.

Student Government Association consists of the following elected members: the president, vice president, secretary, treasurer, the president of each class, four other representatives from each class (two female and two male), dormitory presidents, commuter president, and two commuter representatives.

The Dormitory Councils are organizations responsible for community life in the dormitories.



Music

In recent years the musical activities of Milligan College have received national recognition. The Milligan College Concert Choir, observing professional standards of concert literature, has traveled widely in the United States and England. This group includes appearances in high schools, churches, and church conventions in its annual tour.

The Milligan Men and the Women's Chorus are devoted to the study and performance of great musical literature of all centuries. They present programs at many local functions.

The Chamber Singers is a small group of selected voices. Various performance experiences include the annual Madrigal Dinners.

The Thomas F. Staley Distinguished Christian Scholar Lecture Series

Each year the Thomas F. Staley Foundation sponsors the Staley Distinguished Christian Scholar Lecture Series. The Foundation is firmly persuaded that the message of the Christian Gospel, when proclaimed in its historic fullness is always contemporary, relevant, and meaningful to any generation. Past lecturers have included Dr. James H. Jauncey, Dr. Edwin Orr, Dr. Elton Trueblood, Dr. Arthur F. Glasser, Dr. George K. Schweitzer, Dr. S. Scott Bartchy, Dr. Calvin Thielman, Dr. Oswald Hoffman, Dr. Calvin Malefyt, and Dr. Anthony Campolo.

Lecture-Concert Series

The Milligan College Lecture-Concert Series is designed to contribute to the cultural life of the campus by personal appearances of performing artists, entertainers, and lecturers on various subjects of current interest.

The P. H. Welshimer Lectures

The P. H. Welshimer Lectures have been established by Mildred Welshimer Phillips and Ralph Welshimer in memory of their father, the late Dr. P. H. Welshimer, Canton, Ohio.

The Welshimer Lectures, in addition to perpetuating the memory of the late Dr. Welshimer, are intended to develop creative thought in the fields of New Testament Christianity and the Restoration Movement to which Dr. Welshimer dedicated his life.

Since its founding in 1958 the lecturers for this series have been:

1958	W. R. Walker
1959	Ard Hoven
1961	R. M. Bell
1963	James H. Jauncey
1964	J. D. Murch
1966	Marshall Leggett
1967	John Baird
1968	James G. Van Buren
1972	Joseph H. Dampier
1973	Mildred Welshimer Phillips
1974	Milligan College Faculty
1975	Clarence Greenleaf
1977	David Thompson
1978	Perry Gresham
1980	Mildred Welshimer Phillips

Publications

Students interested in journalism or creative writing may find an opportunity for self-expression through the medium of several publications of the College: *The Stampede*, the College newspaper, the yearbook of the College, *The Buffalo*, which presents a pictorial history of the year's activities, and the College literary magazine, *Helicon*, which accepts original work from students and faculty.

Professional, Social, and Recreational Organizations

All professional and social organizations of Milligan College are designed to aid the students in fulfilling themselves and reaching their full potential religiously, socially, and creatively. The following organizations were organized by students and have received the sanction of the College. Additional professional or social organizations may be added to this list upon the initiative of several students who present a charter to the College, select a faculty adviser, and demonstrate that the desired organization is in keeping with the purposes and philosophy of Milligan College.

Students preparing for careers in the healing arts are eligible for membership in the Pre-Med Club. The club serves to introduce students to the opportunities in the medical and allied professions. Physicians and specialists in the medical profession are invited to club meetings to discuss topics related to their work.

The Philosophy Club provides an informal atmosphere for the discussion of contemporary and historical philosophical questions in order to promote greater student interest in the study of philosophy. Membership is open to all students.

Phi Beta Lambda is a national business honorary society for accounting, business administration, economics, and secretarial science majors and minors. It is devoted to developing competent, aggressive business leadership.

The Student Union Board works in conjunction with Student Government in arranging movies, concerts, and other social activities.

The Buffalo Ramblers is an informal association of those members of the Milligan family who enjoy exploring on foot the scenic gorges, peaks, caves, and waterfalls surrounding the College.

International students meet regularly for fellowship and discussion of matters of mutual interest.

Students preparing for a teaching career find membership in the Student National Education Association helpful. Topics of discussion in the club meetings are related to specific areas of service in the teaching profession.

The Psychology Club is open to students who wish to participate in research and experimentation in addition to regular classroom work. Members keep informed on the latest developments, graduate opportunities, and professional openings in this expanding field. Current films, lectures, visits to relevant institutions, and social activities form the basis of regular meetings throughout the year.

Music Educators National Conference has a student chapter whose purpose is to afford students the opportunity for professional musical orientation and development. These students also sponsor receptions after some concerts and serve as ushers for these events.

The "Water Buffaloes," a swim club, is organized in an effort to promote the sport of swimming and related activities on campus, as well as in the surrounding area.

Students in the area of special education and other interested students are eligible to participate in the Student Council for Exceptional Children. This group serves not only the community by working directly with exceptional children but also the students by increasing their experience and knowledge in different areas of special education.

The Commuters is an organization for off-campus students. By promoting various activities throughout the year, it seeks to give off-campus students the opportunity to participate in campus events and to enhance fellowship among commuters.

The Student Union Building serves the social and service needs of the student body. It is a place for fellowship, for purchase of supplies and food, and for relaxation and games.

Athletics

Milligan College encourages participation in intercollegiate athletics. A limited number of grants-in-aid will be awarded each year on a merit basis.

Milligan College is represented in intercollegiate athletics in basketball, baseball, tennis, softball, volleyball, track and field, and soccer.

The intramural program of athletics is designed to encourage participation by all the students in some sport. A choice of sports is offered in basketball, touch-football, volleyball, archery, tennis, badminton, table tennis, swimming, and softball.

Students interested in golf may secure, for a small greens fee, playing privileges at the Elizabethton Golf Club, one mile from the College, and at the Pine Oak Golf Course in Johnson City, three miles from the College, and at the Buffalo Valley Country Club, five miles from the College.

THE CAMPUS

Milligan College occupies a campus of more than one hundred and thirty-five acres, rising eastward from the banks of Buffalo Creek. Richly endowed by nature and enhanced by skillful landscaping, the grounds possess unusual beauty.

Anglin Field, with its baseball diamond and quarter-mile track, lies in the low campus along the Buffalo banks. This attractive field is important in the activities of intercollegiate and intramural sports and the physical education classes. The field was completely rebuilt in 1966.

In 1971 Mr. and Mrs. John Stout, Sr. furnished a flag pole and small park at the edge of the field. This presentation was made in memory of their son Willard, who was a 1957 graduate of Milligan.

Derthick Hall, formerly the Administration Building, occupies the site on which the original brick building of the College was erected in 1867. Several years later a large wing was added to this structure. In 1918 most of the building was destroyed by fire. It was rebuilt in 1919. In 1978 the building was completely renovated and renamed in honor of Dr. and Mrs. H. J. Derthick. In addition to the classrooms located in this structure are the offices of the Academic Dean, the Registrar, the Director of Student Life, the Director of Financial Aid, and some faculty.

The P. H. Welshimer Memorial Library is a modern, fire-proof, air-conditioned building of three floors. Holdings consist of more than 110,000 volumes and 400 current periodicals. The building was first occupied in November 1961 and was the gift of the T. W. Phillips, Jr. Charitable Trust and the Phillips family of Butler, Pennsylvania, after an initial gift by the Kresge Foundation of Detroit, Michigan. The office of the President is located on the second floor.

The Seeger Memorial Chapel was dedicated November 4, 1967. This beautiful Colonial edifice occupies the center of the campus with its spire—192 feet above ground level—overlooking the campus. The Chapel is a multi-purpose structure serving the College in worship, instruction, lectures, concerts, and dramas. The main sanctuary-auditorium will seat 1300. The lower auditorium will accommodate 350. The Chapel was made possible through major gifts by Mr. Ura Seeger, Lebanon, Indiana and Mr. and Mrs. B. D. Phillips, Butler, Pennsylvania.

In January 1972, a new science building was occupied. Utilizing the most modern design in educational construction, the building has five 24-station laboratories, two classrooms, a 300-seat lecture hall, and several special-purpose rooms.

Hardin Hall was built in 1913. This three-story brick building is a residence hall for women and houses the Business Office, Director of Placement, and the Director of Testing. The building honors Mr. and Mrs. George W. Hardin, who were intimately associated with the College for many years.

Pardee Hall, a residence for men, was erected in 1919 as a gift to the College by Mr. and Mrs. Calvin Pardee. It stands on the slope of the hill above the middle campus.

The Mary Hardin McCown Cottage, the campus hospitality house, is the building formerly occupied by the President of the College. Visitors may receive information concerning the campus at this Center. Other offices in the building are those of the Director of Development, Office of Student Enlistment, Director of Alumni and Communications, and Director of Church Relations.

The Student Union Building grew out of the determination of the students to help themselves. Sensing the need for a place to gather, T. P. Jones and Randy Cooper marshalled sentiment and resources from the students. The students volunteered labor, solicited funds, and began construction in 1951. The building was completed and dedicated in 1955.

Sutton Memorial Hall stands on the high campus toward the east. The residence floors have thirty suites for women, each with two rooms and connecting bath. The hall contains a large social room, a dining hall seating about 400, the kitchen, and storage rooms. The hall bears the name of Webb and Nanye Bishop Sutton, whose vision and generosity made the construction possible. It was dedicated in 1956.

CAMPUS BUILDINGS



Seeger Chapel



Little Hartland



Science Building



Derthick Hall

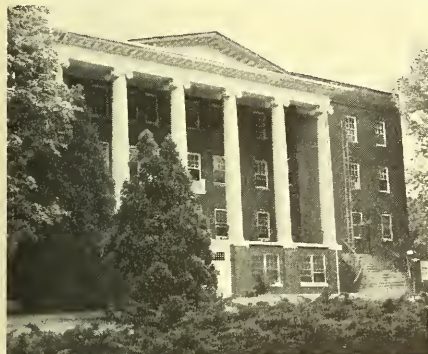


P. H. Welshimer Library



Steve Lacy Fieldhouse

DORMITORIES



Pardee Hall



Hart Hall



Married Student Apartments



Webb Hall



Sutton Hall



Hardin Hall

The Steve Lacy Fieldhouse was funded by gifts from the B. D. Phillips Memorial Trust and the Kresge Foundation, making it possible for Milligan College to accept a grant from Educational Facilities Laboratories. This is the first air-cable structure in America, and it contains a regulation basketball court, a 25-meter swimming pool, indoor track, classrooms, and other facilities designed to accommodate Milligan's philosophy of lifetime sports. Operation of this facility began in 1976.

The Crouch Memorial Building is located near the bridge at the main entrance. Renovated and modernized by Professor Owen Crouch in 1958 in memory of his father, this building houses the Post Office and an apartment.

Webb Memorial Hall, a gift of Mrs. Nanye Bishop Sutton, was completed and occupied in January 1960. It houses modern accommodations for 172 men.

An air-conditioned dormitory for 188 women was completed in September, 1965. In May of 1968 it was dedicated and named Hart Hall in honor of Dr. and Mrs. John M. Hart.

The Faculty Office Building, built in 1969, houses the Curriculum Center, an art classroom, and the majority of the offices for faculty members.

Little Hartland Hall, completed in 1976 and the gift of Mr. and Mrs. John M. Hart, is furnished with selected antiques from the Hart's sizeable collection. The building serves as the official residence for the College President.



PROCEDURES



DR. RICHARD PHILLIPS, BIBLE

ADMISSION

Admission to the Freshman Class

Character, ability, preparation, and seriousness of purpose are the qualities emphasized in considering applicants for membership in Milligan College. Early application is encouraged. Inquiries should be addressed to the Office of Student Enlistment.

Those who are interested in attending Milligan are encouraged to visit the campus. Arrangements should be made in advance with the Office of Student Enlistment.

Overall excellence of performance in high school subjects as well as evidence of Christian commitment and academic potential provide the basis for admission to Milligan College. While no specific course pattern is required for admission, the applicant is strongly encouraged to include the following subjects in his high school program:

1. College preparatory English
2. College preparatory mathematics
3. At least one unit of science
4. At least one unit of history and or one unit of social science
5. Foreign language
6. Some work in speech, music, or art in preparation for study in liberal arts curriculum.

To provide further evidence of academic ability, the applicant is required to take the American College Test or Scholastic Aptitude Test and furnish the College with either of these scores.

The following steps are suggested in the admission procedure:

1. The student secures from the Office of Student Enlistment an application form, forms for requesting transcripts and references, catalog, and other literature.
2. The student returns the completed application along with an application fee of ten dollars and a small photo to the Office of Admissions.
3. The application will be presented to the Admissions Committee for action when the following credentials are on file: the high school transcript, ACT or SAT scores, two references.
4. The Office of Admissions will notify the applicant of the disposition of the application. If the decision is favorable, he will be accepted for admission to Milligan College, subject to the successful completion of his high school program.

Advanced Placement

Milligan College recognizes the Advanced Placement Program (AP) and the College Level Examination Program (CLEP) as a means of earning college credit. Milligan students may submit scores on examinations taken through these programs to the Academic Committee for evaluation. College credit will be granted on the basis of an acceptable score under the following conditions:

1. At least one semester of work must be completed in Milligan College before credit earned by testing will be recorded on the transcript.
2. Credit earned by testing will be designated on the transcript by a grade of "P" (pass).
3. A maximum of 32 semester hours can be earned by testing.

Transfer Students

Students who wish to transfer from an accredited college, who merit a letter of honorable dismissal, and who have a grade point average of at least 2.0 on a 4.0

system are eligible for admission to Milligan College. Such applicants should follow the same procedure outlined above, except the ACT or SAT scores are not required. In addition they must furnish the College with transcripts of all previous college work.

Early Admission

Milligan also has provision for academically advanced and emotionally mature students to be admitted on an "Early Application Basis" prior to their completion of high school graduation requirements. For additional information contact the Director of Admissions.

Returning Students

A student who has withdrawn in good standing should address a letter to the Academic Dean requesting permission for readmission.

A student who has been academically dismissed should observe the following procedure:

1. The student's letter requesting readmission shall be addressed to the Academic Dean.
2. The Admissions Committee will examine the student's original records and any work done since his suspension.
3. If there is reason to believe that the student would profit from another opportunity to do college work, he will be permitted to enroll with probationary status following at least one semester of suspension.
4. In the event that it is necessary to suspend the student a second time, he will not be eligible to apply for readmission.

Special Students

Special students are those students who are not seeking a degree at Milligan College. These students may be in one of the following categories:

1. An applicant over 18 years of age who does not qualify for any of the above categories for normal admission but who demonstrates an ability to do college work may be admitted as a special student. If he satisfies the entrance requirements in full within two years from the time of admission, he may then become a candidate for a degree. This status must be granted by the Academic Dean at the beginning of each semester.
2. Special students may also be undergraduate students who have met all entrance requirements but who are temporarily departing from graduation requirements or from specified curriculum for one or two semesters. During that time they are not candidates for a degree. This status must be granted by the Academic Dean at the beginning of each semester.
3. Transient or visiting students are special students who are seeking a degree at another institution and who have obtained permission from that institution to enroll in Milligan College. Hours earned at Milligan will be transferred to the home institution for application towards a degree.

Credits earned as a special student will be subject to revision should the student become a candidate for a degree at Milligan College.

Audits

Persons not enrolled in Milligan College as degree seeking students may enroll as audit students. No credit shall be allowed for this work, and a grade of "Au" shall be assigned. Tuition will be one-half normal tuition charges.

Foreign Students

Milligan College is approved by the United States Department of Justice for education of non-quota foreign students. Foreign students must present satisfactory scores for the TOEFL exam and prepay all expenses for one semester. Five hundred dollars of the prepayment will be considered non-refundable.

Ceremony of Matriculation

After all admission requirements have been met, including the orientation activities at the beginning of the year, the candidate for admission may participate in the ceremony of matriculation.

Matriculation Day ordinarily is Friday of the first week of the fall semester. At the conclusion of a general assembly, the candidates are escorted to the platform where they sign the College register and officially become members of the Milligan community.

EXPENSES

In order to serve students from a wide range of economic backgrounds, Milligan College has been able to supplement student fees with endowment funds and gifts from organizations and individuals. For this reason expenses at Milligan are somewhat lower than the expenses at other private colleges. Expenses are subject to change without notice.

Expenses for one semester:

Tuition (for 12 to 17 hours)	\$1261.00
Board	325.00
Room	542.00
Tax on Board	32.52
TOTAL FOR ONE SEMESTER	2160.52
Tuition each academic hour over 17	74.18
Tuition each academic hour under 12	105.08

SPECIAL FEES

The following fees are required from those who enroll for work in the specified course or receive special privileges:

Laboratory Fees

Materials for special courses:

Education 411, 412, 471, 472	\$ 5.00
Science Laboratory Fee	10.00
Psychology 252	5.00
Psychology 259	10.00
Psychology 427	5.00
Secretarial Practice	10.00
Language Lab Fee	10.00
Typing	10.00
Music 301, 381-2	5.00
Studio Art Fee	10.00
Art 101, 201, 311	5.00
Art 302,303	10.00
Voice Class	20.00
Piano Class	20.00
Sheet Music Deposit	10.00
Directed Teaching Fee	15.00
Music 145, 146, 245, 246	10.00
Music 221, 222	30.00

Tuition Charges in Applied Music

One semester hour	\$40.00
Two semester hours	\$60.00

Practice Room and Instrument Rent:

Organ	\$30.00 (1 hr.)	\$45.00 (2 hrs.)
Voice, Piano, and Instrumental	\$20.00 (1 hr.)	\$30.00 (2 hrs.)

Application Fee

An application fee of ten (\$10.00) dollars is required with the application for admission to the College. This fee is not refunded. It defrays part of the expense of processing an application.

Advance Deposit

Milligan College is limited in the number of students it can accept. Efficient use of dormitory and classroom facilities requires a maximal occupancy. To assure the College of a firm commitment by the student, each dormitory student will be charged a student deposit fee of \$50.00

This \$50.00 fee is held by the College in an escrow account, to be returned upon graduation or permanent withdrawal, subject to satisfaction of the student's account with the College.

CLAIM FOR A REFUND OF THIS FEE MUST BE MADE ON OR BEFORE JULY 1, PRECEDING THE OPENING OF THE FALL SEMESTER.

Matriculation Fee

A matriculation fee of ten (\$10.00) dollars is charged every student when he enrolls for the first time in Milligan College. This fee is paid only once.

Miscellaneous Fees (per semester)

Diploma and graduation fee	\$25.00
Transcript fee—after first issue	1.00
Automobile registration fee	5.00
Late registration fee per day	5.00
Change of course fee	5.00
Audit fee for one semester hour	52.54

Part-time Student

Part-time or special students (who enroll for less than twelve hours per semester) will be charged a registration fee of ten dollars and tuition at the rate of \$105.08 per semester hour.

Payments of Accounts

All student accounts are due and payable on the day of registration of each semester.

For those students who cannot meet all of the semester cost at the beginning of a semester, the following policy will apply:

Dormitory Students: On the day of registration a down payment of one-half tuition and room, \$50.00 on board, and all fees will be required. The remaining balance is to be paid in three equal installments falling due one month, two months, and three months after the date of registration. Honor scholarships, work scholarships, and grants-in-aid are to be deducted from the last payment.

Commuting Students: On the day of registration a down payment of one-half tuition and all fees will be required. The remaining balance is to be paid in three equal installments falling due one month, two months, and three months after the day of registration. Honor scholarships, work scholarships, and grants-in-aid are to be deducted from the last payment.

Students Receiving Financial Assistance: Students on full scholarships from foundations or corporations need not observe the down-payment principle. Students receiving other assistance such as Vocational Rehabilitation, veterans assistance, war orphans assistance or part-scholarship may apply such amounts toward the down payment requirement.

Summer Session: All charges are payable on the day of registration.

Other Regulations: No transcript will be issued until the student has satisfied all accounts with the College.

Students who have grant-in-aid commitments from the College should secure a letter from the person or persons making that commitment with terms and amount clearly stipulated.

Textbooks

New and used textbooks may be purchased at the Milligan Bookstore located in the Student Union Building. The Bookstore operates on a cash basis, and no books will be charged to a student's account unless the student is on a full scholarship. The cost of textbooks usually does not exceed \$150.00 for the year.

Board

The cost of Board is \$542.00 per semester for three meals a day, seven days a week, exclusive of official vacation periods. (The dining room is closed during vacation periods.) This is a flat rate for the semester which allows the students to save the clerical and other expense involved when meals are charged individually rather than by the semester. The rate does not provide for any refunds for meals missed.

Refunds

Upon proper notice, a student who withdraws from the college within the first four weeks of a semester will be refunded one-half of his tuition and the prorata share of his board. Room rent and fees will not be refunded.

After the fourth week there is no refund except for the prorata share of board. An exception will be made for illness, in which case the refund period will be extended to the ninth week. Illness must be certified by a physician's written statement.

There is no refund to a student who withdraws or is dismissed for disciplinary reasons.

In the event of withdrawal, no credit will be given for scholarship or grant-in-aid.

Since work on the campus has a cash value only when applied toward college expenses, there is no refund given to self-help students who have a credit balance to their accounts. A credit balance may, however, be transferred to the account of members of the immediate family, providing it is transferred not later than the fall semester of the following college year. A student wishing to make such a transfer must notify the Business Office before leaving the College.

FINANCIAL AID

Milligan College offers a comprehensive program of financial aid for students who otherwise would be unable to continue their education. Through this financial aid program an eligible student may receive one or more types of financial aid. Before a student or his parents decide a college education is too expensive, they should investigate the possibility of obtaining financial aid through the College.

Any student who applies for admission to Milligan College is eligible to request financial assistance. If he is offered admission and if he demonstrates a financial need, Milligan will attempt to meet that estimated need.

In order to apply for financial aid, each student must submit a Milligan College Financial Aid Application, and his parents must file a Financial Aid Form with the College Scholarship Service. The Milligan application can be obtained from the Financial Aid Office at Milligan, and the Financial Aid Form can be obtained from Milligan or a high school counselor. Both applications must be submitted prior to April 1. Awards are made on a year-to-year basis, and applications must be submitted each year.

TYPES OF FINANCIAL AID

Loans

National Direct Student Loan—This program provides long-term loans with an annual interest rate of 3 per cent; no interest accrues until the repayment phase begins. The loan is to be repaid within a ten-year period commencing nine months after a borrower terminates his enrollment. A student who is able to demonstrate financial need may receive up to \$5,000 during his undergraduate years. A special feature allows borrowers who become full-time teachers of the handicapped or in areas which have a high concentration of low income families to cancel the full amount of the loan upon the completion of five years of service. Schools eligible for such consideration are listed each year in the Federal Register. The repayment of the loan may be deferred up to three years for Peace Corps, VISTA, and military service and indefinitely for graduate study (as long as half-time enrollment is maintained).

Ministerial Loans—The Ralph Depew, Fred and Daisy Hayden, and Grace Phillips Johnson Loan Programs are available to students who demonstrate financial need and are preparing for the ministry or other Christian Service. These loans are low interest loans with repayment requirements similar to the National Direct Student Loan. However, there are limited deferment privileges and no cancellation benefits.

Other Student Loans—Several loan funds—Class of 1963, Kiwanis Student Loan, Wilson Loan—have been established by various people and organizations to assist students. Various amounts not to exceed \$500 are available to students with academic promise and financial need. These loans have the same repayment conditions as the Ministerial Loans.

Grants

Basic Educational Opportunity Grant—Students who have a demonstrated financial need are awarded grants under this program. The maximum grant is \$1,800.00, and the average award is approximately \$900.00. Every student who qualifies is entitled to and will receive an award.

Milligan College Grants—Grants of various amounts are given to individuals who demonstrate exceptional financial need.

Campus Employment

College Work-Study Program—This federal program provides for part-time campus employment to students who are enrolled on at least a half-time basis. Eligibility depends upon financial need.

Milligan College Work Program—This program offers similar on-campus jobs for which Milligan provides the funds. Jobs on this program are awarded to students with a financial need first, but a student may participate in the program if he or she has a special skill.

Outside Agencies

Tennessee Student Assistance Award—This state-funded program provides tuition grants up to \$1,200.00 to Tennessee residents who plan to attend a Tennessee college or university and are able to demonstrate financial need. More information may be obtained by writing Tennessee Student Assistance Corporation, 707 Main Street, Nashville, Tennessee 37206, or by consulting the high school counselor.

Guaranteed Loan Program or United Student Aid Fund—Funds from these programs are borrowed for educational purposes directly from banks, credit unions, and other financial institutions in a student's hometown. These loans, which are generally based upon financial need, are guaranteed by state agencies, the Federal Government, or private non-profit organizations to enable the student to borrow without collateral or established credit. Details of the Guaranteed Loan Program vary from state to state, but in general students may borrow up to \$2,500.00 for each year of undergraduate study to \$7,500.00 aggregate for undergraduate education. Repayment commences nine months after termination of student status (unless deferred for military service, Peace Corps, or VISTA) although interest accrues from

the date of the loan at the rate of 7 percent. For a student who proves to have a financial need equal to or greater than the amount of the loan approved, the Federal Government will pay the interest while the borrower is in school and for nine months thereafter and during periods of deferment for military, Peace Corps, or VISTA service. When the repayment phase begins, the student will repay the principal and interest (7%) at the minimum rate of \$30 per month. Details and forms concerning the Guaranteed Loan Program for the various states are usually available at a student's local bank, where the loan request must be filed.

Tuition Plan, Inc. and College Aid Plan—These two commercial plans are available to parents and students desiring to pay educational expenses in monthly installments. Through these two plans, parents may arrange payments for one to four years for loans covering up to \$15,000.00 for a four year period. Each program offers an insurance program which guarantees the payment of the loan in full in case of parents' deaths. In either of the above plans payments are made by the financing company directly to Milligan College on or before the day of registration. Additional information may be obtained by writing the Office of Financial Aid.

Scholarships

Milligan College offers a number of scholarships to students who demonstrate academic promise and achievement. The program is designed to recognize students with outstanding academic records.

Carla B. Keys Scholarships—Scholarships of up to half-tuition are available to both prospective and currently enrolled students of the College who demonstrate exemplary records of Christian service and commitment, academic promise and achievement, and a financial need. Students applying for a Keys Scholarship should have at least a GPA of 3.5.

Honor Scholarships—An honor scholarship of \$750.00 is granted to the honor graduate who is enrolling in college for the first time from a standard Grade A high school. A scholarship of \$500.00 is granted to the student ranking second in a graduating class of 25 or more. A scholarship of \$350.00 is granted to the student ranking third in a graduating class of 50 or more.

At the end of each scholastic year, scholarships valued at \$750.00 will be granted to the highest ranking Milligan College freshman, sophomore, and junior. Scholarships of \$500.00 will be offered to the second ranking student in each of the three classes. Scholarships of \$350.00 will be offered to the third ranking student in each of the three classes. The student receiving the award must have carried 12 or more semester hours of academic credit during the term for which the award was made. Scholarship may be withheld for due cause. A student must have completed two full semesters in Milligan College in order to be eligible for a class rank scholarship.

Academic Scholarships—Students with outstanding records may apply for an academic scholarship which is based almost solely on previous grades and recommendations concerning academic promise. Juniors and Seniors may apply if their major is listed as one to be funded in a given year. A second category in which funds are available regardless of the major is open to Sophomores and second semester Freshmen. A third funded category (without designation of the major) is open to any student for his or her first semester at Milligan. The first category scholarship winners are determined by the Faculty in that area while the second and third category winners are determined by the Scholarship Committee. Applicants must apply to the Financial Aid Office by April 1 for the following year.

Philip Scharfstein Scholarship—A scholarship not to exceed \$500.00 per year is available to a person majoring in Business Administration who has a cumulative grade point average of 3.0 or higher. Preference will be given to graduates of local high schools.

Mary Hardin and Lonnie W. McCown Scholarship Fund—This scholarship program was established to help those students who need assistance for educational purposes. The recipient will be determined by the Scholarship Committee.

Milligan College Music Scholarship—A limited number of scholarships are awarded

each year to students who demonstrate skill in vocal or instrumental music.

Roger Lance Wood Scholarship—This scholarship in business administration and economics is awarded to an outstanding junior or senior.

Milligan College Scholarship—Scholarships of various amounts are given to individuals who demonstrate academic promise.

B. D. Phillips Memorial Music Scholarship—This scholarship is awarded to an upper classman who is a music major and who demonstrates financial need and academic ability.

Guy and Rhea Oakes Scholarship—This scholarship (usually \$250.00) is awarded each year to a returning student. The recipient is a student who has produced an excellent essay on "Why I Recommend Milligan to My Friends." The winner is determined by the Scholarship Committee.

B. Carroll Reece Scholarship—An annual scholarship of \$200 is available to help a needy student from the First Congressional District of Tennessee.

Lone L. Sisk Scholarship—Each year the proceeds from the Sisk Scholarship Fund will be awarded to a science major recommended by the science faculty.

Vocational Rehabilitation

The State of Tennessee provides a service for physically handicapped civilian students in order that their employment opportunities may be equalized with those of unimpaired individuals. The service consists of a complete physical diagnosis and financial assistance in preparing for a vocation or profession.

Physically handicapped students from other states may qualify for aid for study in Milligan College through the vocational rehabilitation office of their state. For information about this service the student should write to the Business Office of Milligan College or to his state department of vocational rehabilitation.

The G. I. Bill

Milligan College is eligible to receive veterans under the provision of the new G. I. Bill, known as the Veteran's Readjustment Benefit Act of 1966 and also as Public Law 550 of the 82nd Congress.

To qualify, veterans must have an honorable discharge or release and have had active duty of more than 180 days, any part of which occurred after January 31, 1955. Veterans may qualify with less than 181 days if their discharge occurred after January 31, 1955, and was for a service-connected disability.

Payments will be made each month directly to the veteran. Students wishing additional information may contact their nearest Veterans Administration Office or write to the Business Office of Milligan College.

Each veteran is entitled to one month of educational benefits for each month or fraction of a month of creditable active duty after January 31, 1955. No veteran may receive more than forty-five months of entitlement. However, if a veteran is in training on his termination date, he may complete the semester in which he is currently enrolled.

Veterans must complete their program within ten years after their last discharge.

The Veterans Administration will provide counseling and vocational planning service for any veteran who needs this assistance.

War Orphans

Milligan College is also qualified to accept students under the provisions of Public Law 634 of the 84th Congress. This program gives financial aid for educational purposes to young men and women whose parent died of injuries or disease resulting from military service in World War I, World War II, or the Korean conflict. The student may obtain additional information and forms for filing application for such benefits by contacting his local Veterans Administration Office or writing the Business Office of Milligan College.

ACADEMIC INFORMATION

Requirements for a Degree

A student advancing to the baccalaureate may select the Bachelor of Arts or Bachelor of Science Degree. The Bachelor of Arts degree is conferred in all fields in which the College offers a major. The Bachelor of Science degree is conferred only in the fields of Accounting, Biology, Business Administration, Chemistry, Health and Physical Education, Human Relations, Mathematics, and Secretarial Science. The major difference in the two degrees is that a foreign language is required for the Arts degree. The specific requirements for the Bachelor of Science degree in these fields are stated in the introduction to the areas.

A total of 128 semester hours is required for graduation. A student transferring from another college must be in residence during the two semesters (may include one 9 week summer session) immediately preceding his graduation and must successfully complete not fewer than 30 semester hours in Milligan College.

To provide a foundation for advanced studies Milligan requires of all students the inclusion of the following courses in their program:

Bible 123-124, 471

Humanities 101-102, 201-202

Psychology 155 and three additional hours

Health and Physical Education, two hours of activity

Biology, Chemistry, or Physics, eight hours

Sociology, Economics, or Government, six hours

Students diagnosed as having a deficiency in math, reading, study skills, and or writing must enroll in the appropriate learning skills course(s) as a graduation requirement.

Hours earned below the 100 level will be in addition to the 128 hour graduation requirement.

Bible 123 and 124 must be taken in the first two semesters a student is enrolled in Milligan College.

Humanities 101 and 102 are required of all freshmen.

Humanities 201 and 202 are required of all sophomores.

The Health and Physical Education requirements should be satisfied in the freshman year.

The candidate for the degree must also present a major, minor, and electives to total 128 hours of credit. A student seeking a B.A. degree must complete a foreign language through the intermediate level.

The Associate in Science Degree requires 67 semester hours and is conferred in the field of Secretarial Science. A student seeking the AS Degree must complete not fewer than 30 semester hours in Milligan College. The specific course requirements are outlined in the introduction to the area.

Any student may graduate under the regulations prescribed in the Catalog in effect at the time of his entrance into this College, provided these requirements are met within six years; otherwise he will be required to meet current degree requirements. The six-year limitation will be extended for the length of time in military service for students who enter service after enrolling at Milligan.

Convocation

Each semester Milligan College sponsors a convocation series consisting of programs of a broad range of interest for the intellectual and spiritual growth of its students.

Attendance at these convocations is required of all students. If a student has more than four unexcused absences, he forfeits his eligibility to return to Milligan for the next semester.

Class Attendance

Milligan College makes no provision for a system of allowed absences, sometimes called "cuts." The student is expected to attend each meeting of the class in which he is enrolled. Absence from a session of the class involves a loss in learning opportunity for which there is no adequate compensation. The teacher's evaluation of the work done by the student will necessarily be affected by such absence. More than four unexcused absences in a three hour course will require the instructor to place an evaluation of "F" on the student's record for that course.

It is recognized that the student may have legitimate reasons for absences. Such reasons may include sickness as certified by a physician or nurse, death in the family, and participation in College activities off campus. Except in the case of sickness and death, all such absences must be approved in advance by the Academic Dean.

The College Calendar

The Milligan College calendar of classes is organized on a semester basis. Classes will be in session for 15 weeks plus the final examination period. The College also offers a summer session consisting of two 4½ week terms. In addition to these regularly scheduled terms students may earn one or two semester hours of credit in independent study during the period between the fall and spring semester and/or between the spring semester and the summer session. These intersession courses shall count as residence credit.



DR. CHARLES GEE, BIOLOGY

Advisers

All students entering Milligan College are assigned a faculty adviser. At the beginning of his junior year the student automatically becomes the advisee of the chairman of the discipline in which the student is majoring.

The student must have his schedule of classes approved by his adviser before he is eligible to complete registration. Mid-term and semester grade reports are made available to the student through his adviser. Students are encouraged to consult with their advisers on a regular basis.

Majors and Minors

As the student progresses toward the baccalaureate degree, he will select a field of work for concentrated study. This selection will ordinarily be made early in the junior year and is subject to change only after consultation with the Dean, Registrar, and faculty adviser. Selection of a field of concentration may be made from the following: Accounting, Bible, Biology, Business Administration, Chemistry, Christian Education, English, Health and Physical Education, History, Human Relations (includes Psychology, Sociology, Social Agencies, Youth Leadership and Government/Business Leadership), Humanities, Mathematics, Missions, Music, Philosophy, and Secretarial Science.

In addition to this field of major concentration, the student will select one field of minor concentration. Hours counted toward the major may not also be counted toward the minor or a second major.

A transfer student must take at least six semester hours in Milligan in his major field of study.

Grade Point Average

The terms used in evaluating a student's work are letters with a grade point value. Advancement to the baccalaureate degree is contingent upon the completion of 128 semester hours with a total of 256 quality points. The grade point average (GPA) may be determined by dividing the total number of quality points by the semester hours attempted. The following table of values is observed in all courses.

- A — Excellent—four quality points for each semester hour.
- B — Good—three quality points for each semester hour.
- C — Average—two quality points for each semester hour.
- D — Poor—one quality point for each semester hour.
- S — Satisfactory—not computed in grade point average.
- F — Unsatisfactory—no quality points.
- U — Unsatisfactory—no quality points.
- W — Withdrawn.

Students withdrawing officially from classes before mid-term will receive "W's." Students withdrawing after the mid-term will have their achievement evaluated by the grade "W" or the grade "F."

Testing Services

All entering students will be given tests covering basic skills (Reading, Writing, Mathematics, and Study Skills). Proficiency in these basic skills will be a requirement for graduation. Services will be provided to help students attain this proficiency. (See *Learning Skills*).

All graduating seniors are required to take the Undergraduate Record Exam available in the spring. Fees for this test are included in graduation fees.

Those students electing the education profession will be required to pass, at the state established norms, the screening exams established for this profession by the State of Tennessee and the Milligan College Education Area. (See *Education Area*). No fees are required.

The College Level Examination Program is available to all students interested in receiving college credit for studies already completed, studies independently learned, or work experience equivalent to studies learned. There is one administration each semester. There is a fee for each test taken.

Other testing services (i.e., Occupational) are available for a minimal fee for those interested.

Courses at Another Institution

Students desiring to take courses at another institution while they are degree seeking students at Milligan College must have all such work approved prior to enrollment by the Registrar. A student enrolled concurrently at another institution must count the number of hours with his hours at Milligan in determining a full load for the semester.

Correspondence Credit

Students desiring to take correspondence courses through another college must have written approval from the Academic Dean. Only six semester hours of correspondence study are recommended, and no more than 12 semester hours will be accepted toward a degree program. A student enrolled for a correspondence course must count the number of correspondence hours with his regular semester load in determining a full load for the semester. When a student completes a correspondence course, he should request a transcript to be sent to the Registrar of Milligan College.

Honors

The degree may be awarded with honors to a student who has completed all requirements for a baccalaureate degree. Transfer students may not receive honors greater than the level warranted by the grade point average earned at Milligan.

The degree with honors is divided into three levels as follows: Summa Cum Laude, based on a grade point average of 4.00; Magna Cum Laude, based on a grade point average of at least 3.75; and Cum Laude, based on a grade point average of at least 3.33.

At the close of each semester, the Office of the Academic Dean publishes a list of students who have done outstanding work during that semester. The Dean's First List is composed of students whose semester grade point averages were 3.75 to 4.00. A student must have had a 3.5 to 3.749 to be placed on the Dean's Second List.

Probation

A student who fails to receive a 2.0 grade point average during any semester of his program in Milligan will be placed on academic probation. If the student fails to achieve a 2.0 the following semester, the College is not obligated to grant him the privilege of further study at Milligan College.

Milligan College is seriously concerned that every student who enters the College make progress toward the attainment of a degree. Consequently academic progress is judged to be paramount to the many extra-curricular activities that are available to students at Milligan. Every student is encouraged to participate in extra-curricular activities; but in those cases where participation is deemed to be detrimental to the student's academic progress, it is the policy of the College to limit such participation. In order to participate the student must maintain the following grade average: rising sophomores, a 1.4; rising juniors, a 1.6; and seniors, a 1.8.

Reports

The Registrar will issue to the parent or guardian the faculty evaluation of each student's work following mid-semester and final examinations.

Upon request the Registrar will issue grades directly to a financially independent student.

Classification

Progression toward the baccalaureate degree is measured by four ranks or classes, each entailing certain prerequisites and each carrying certain recognitions. The period of an academic year must ordinarily be allowed for attainment of the next higher rank.

Transcripts

Official transcripts of the student's record in Milligan will be furnished only upon the request of the student.

One transcript will be issued to each student without charge; subsequent transcripts will be issued at the rate of one dollar each.

Transcripts are withheld if the student or alumnus has an unsettled financial obligation to the College.

Withdrawal

No student may withdraw from the College without the permission of the Academic Dean. Upon securing the consent of the Dean the student is expected to meet all obligations involving his instructors, fellow students, Deans, Dormitory Residents, Business Manager, and Registrar.

Any student who leaves the College without fulfilling these obligations will receive an "F" in each course in which he is enrolled and will forfeit any returnable fees he may have paid the College.

Medical and Law Students

The pre-medical and pre-dental programs at Milligan are highly competitive and quite variable, depending upon the student's choice of major and minor. Milligan graduates have generally been successful in obtaining admission to medical and dental schools throughout the nation. Additional information may be obtained from the pre-medical and pre-dental advisers.

Milligan College does not recommend or offer a major in "pre-law" as such. This stand is in keeping with both the broad educational philosophy of Milligan College and the philosophy expressed by the Statement of the Association of American Law Schools on Prelegal Education. American law schools do not encourage the undergraduate student to "learn the law," but rather stress the necessity of the pre-law student's acquiring certain comprehensive skills, such as "comprehension and expression in words," "critical understanding of human institutions and values," and the development of "creative power in thinking." Therefore, while a student planning for a specific phase of the law (e.g., tax law) may find certain undergraduate majors or courses desirable (e.g., business or accounting), any solid academic major is equally acceptable to American law schools and recommended by Milligan College.

The baccalaureate degree will be conferred by Milligan College upon a student who enters a standard medical or law college before completing his baccalaureate degree, subject to the following conditions.

Completion of six semesters of work in residence in Milligan College.

Fulfillment of the specific course requirements for the degree while in Milligan College.

Submission to the Registrar of the credits earned in the medical or law school.

CO-OPERATIVE PROGRAMS

The dual-degree program enables students to enjoy advantages of the distinctive ministries of two colleges. Students completing specified degree programs in Atlanta Christian College, Johnson Bible College, Kentucky Christian College, Maryland Technical College, Minnesota Bible College, San Jose Bible College, or Wytheville Community College are able to complete teacher certification requirements while qualifying for the Milligan degree. Mutual recognition of credit enables

students to transfer with more ease when vocational choices require preparation not available in their present school. Further information may be obtained by writing the Academic Dean.

Engineering Students

Special arrangements have been made with Georgia Institute of Technology and Tri-State College whereby a student completing a three year program in Milligan may receive his Baccalaureate degree from Milligan and his engineering degree from the engineering school. The student must complete the same requirements in Milligan College as are outlined for medical and law students.

Mortuary Science

Milligan College has a co-operative program with Mid-American College of Funeral Services. The program requires a minimum of 90 semester hours of academic work at Milligan College and one year professional training at Mid-American College of Funeral Services. Upon successful completion of the four year program and upon receiving a satisfactory score on the National Board Examination sponsored by the Conference of Funeral Service Examining Boards, the student would be eligible to receive a Bachelor of Science degree from Milligan College. The 90 semester hours required in Milligan College will include 60 hours of general liberal arts courses



including social studies, science, and the humanities. In addition, the student will complete an academic minor in one of the areas of the humanities, social sciences, sciences, or business.

Nursing

Milligan College students may pursue a course of study leading to a Bachelor of Science in Nursing degree from East Tennessee State University. The freshman and sophomore years are taken at Milligan College. The junior and senior years are offered through East Tennessee State University. Interested persons should contact the Office of the Academic Dean.

ROTC

Milligan College students are eligible to participate in the Reserve Officers' Training Corps program through East Tennessee State University. Interested persons should contact the Office of the Academic Dean for further information.

The Bachelor of Science Degree with a Major in Medical Technology

Milligan College is officially affiliated with the Holston Valley Community Hospital School of Medical Technology, Kingsport, Tennessee. A Milligan student may become eligible for the Registry and also the Bachelor of Science degree with a major in Medical Technology by:

(1) Successfully completing the three year curriculum of Milligan classes which include the required foundation courses for the Bachelor of Science degree plus the following courses: Math 111, 112, Chemistry 103-104, 301-302, 310, Physics 201-202, Biology 110, 140, 240, 241, 340, and 380.

(2) Successfully completing the approved program (12 months) in the Holston Valley Community Hospital School of Medical Technology, Kingsport, Tennessee, or a similar program in some other approved school.

The fourth year includes the study of hematology, clinical chemistry, immunohematology, and micro-biology in both the classroom and the laboratory.

To be considered for admission to the fourth year a student must have a minimum grade average of 2.5. However, since Holston Valley can accommodate only 10 members in a class, selection is competitive and is determined by the professional school.

For additional information request a special brochure on Medical Technology from the Chairman, Area of Scientific Learning, Milligan College, Tennessee 37682.

Home Economics Education

A program leading to the Bachelor of Science Degree in Home Economics Education is available through a cooperative program between Milligan College and the Home Economics Education Department of East Tennessee State University. Students who elect this program will complete the freshman and sophomore years at Milligan and then transfer their accumulated credits to E. T. S. U. Upon the successful completion of the junior and senior years, E. T. S. U. awards the degree.

OFF-CAMPUS CENTERS

The College has Off-Campus Centers in West Lafayette, Indiana (Mr. Douglas Dickey, Director) and Indianapolis, Indiana (Billy L. Judd, Director).

These Centers provide credit instruction in Bible and Greek with supervision by full-time faculty in these areas.

WESTWOOD CHRISTIAN FOUNDATION

The Westwood Christian Foundation, Los Angeles, California, exists for the purpose of supporting Christian scholarship in great centers of learning. Milligan, along with other undergraduate and graduate institutions in California and elsewhere, is associated with the Foundation. The Executive Director of the Foundation is Dr. Robert O. Fife, Professor-at-Large in Milligan College.

AREAS OF INSTRUCTION

Milligan College proceeds upon the assumption that all knowledge is one. The modern practice of fixing the data of learning in separate categories is not looked upon with favor at Milligan; too much has already been seen in the fruits of the separation of culture, technology, and faith. However, there is value in recognizing man's basic areas of learning; that which comes from the revelation of God, that which derives from human experience, and that which is seen in nature. Milligan provides for the isolation of these areas of knowledge, only with the understanding that this division of studies will be made the instrument of greater cooperation and sympathy among the several fields of scholarly investigation. Milligan thus organizes its academic program into five areas of learning: the Area of Biblical Learning, the Area of Humane Learning, the Area of Social Learning, the Area of Scientific Learning, and the Area of Professional Learning. Each of the areas is presided over by an academic chairman, and these chairmen, together with the Academic Dean, constitute the Academic Committee, whose responsibility it is to determine curricula and academic policies.

Each area consists of several sub-areas or disciplines as follows:

Area of Biblical Learning

Christian Ministries Religious Education
Religion Missions

Bible

Area of Professional Learning

Education
Economics Business Administration
Secretarial Science Accounting
Health & Physical Education

Area of Humane Learning

Music Art English
French Greek Spanish
German Hebrew
Humanities Speech & Theatre Arts Philosophy

Area of Scientific Learning

Biology Physics
Chemistry Mathematics

Area of Social Learning

History
Psychology Sociology
Human Relations
Political Science

THE LEARNING SKILLS LABORATORIES

Some students come to college lacking the basic skills required for success in their course work. The Learning Skills Laboratories in Mathematics, Writing, Reading, and Study will give students the opportunity to become more proficient in these areas. For those students whose tests show a significant need, the appropriate labs become required for graduation. The labs will be open also to other students who realize that basic skills will aid their college success. Programs for all participating students are individualized to meet their specific needs.

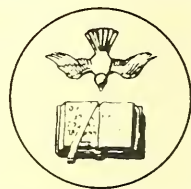
Learning Skills 090 Mathematics—see Mathematics 090

Learning Skills 091 Reading—see Humanities 091

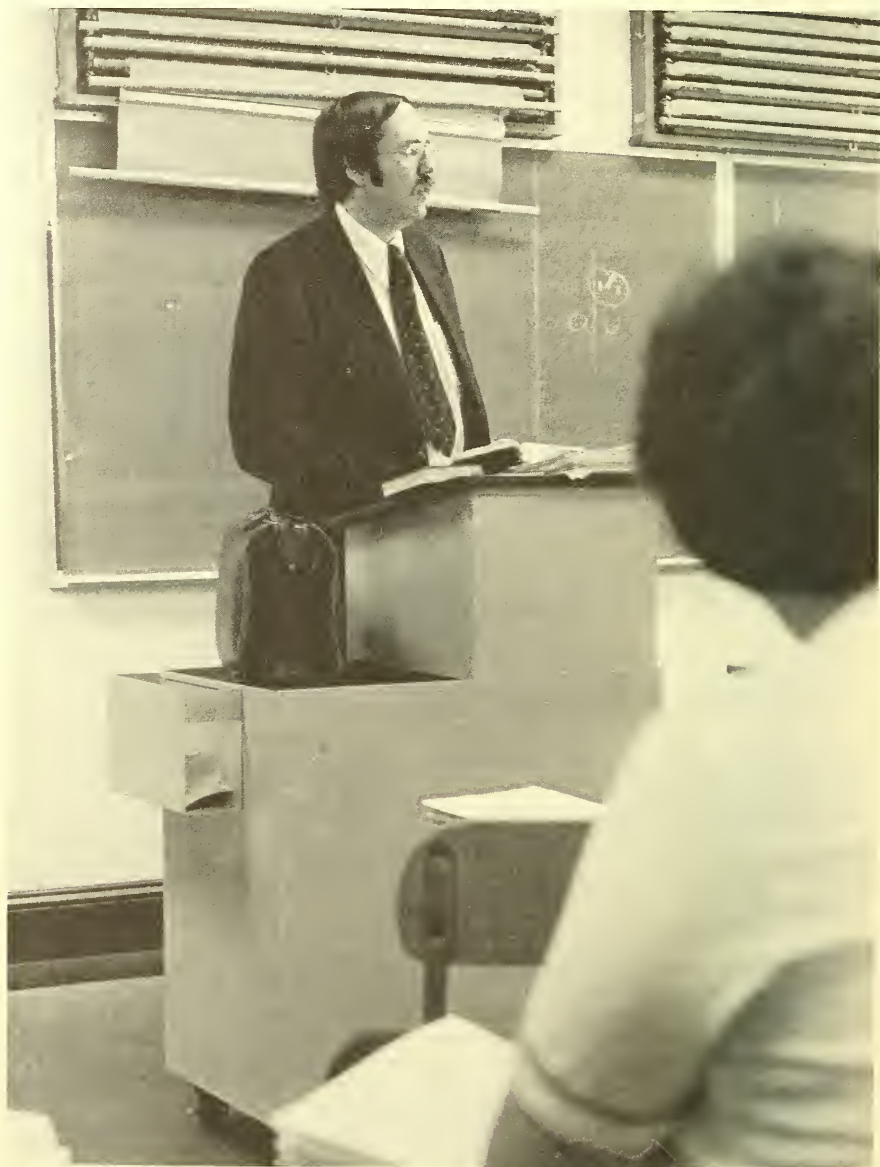
Learning Skills 092 Study Skills—see Psychology 092

Learning Skills 093 Writing—see Humanities 093

Area of Biblical Learning



Dr. Henry Webb, Chairman



PROF. ED NELSON, BIBLE

BIBLE

The Bible, the supreme written revelation of God to mankind, is the hub of the curriculum in Milligan College. The Bible is not only a treasury of the world's best literature, history, philosophy, and ethical wisdom but also the mind and will of God laid bare to the human race. It speaks, therefore, to every human situation and area of learning because the mind and will of God embrace all of these. Consequently, no one can accurately call himself an educated person until he has acquired at least a working knowledge of God's purpose as expressed in the Scriptures.

A knowledge of the Bible and skill in its interpretation take account of the historical setting—geographical, cultural, linguistic, social—of the peoples to whom the Bible was first given. Only by such careful study and training can the vastness and complexity of the Bible yield the religious and cultural synthesis sought in Milligan.

The first aim of Biblical study is to introduce each student to the content of the Christian revelation in such a way as to assist him in effective living and service in any vocation. The vocational aim is also met by such study directed toward specialized ministries.

In addition to the Bible courses which are required of all students in Milligan College (Bible 123-124, 471), the major in Bible consists of thirty hours which must include six hours of New Testament (selected from 201, 202, or 286), six hours of Old Testament, History 341-342, 431-432, Christian Ministries 280-281 (for two hours) and Christian Ministries 275-276 or an acceptable Christian Ministries option that augments the student's vocational objectives.

The Bible minor shall consist of eighteen hours equally distributed between Old and New Testament studies, but it shall not include Bible 471. The student minoring in Bible is urged to consult with the Area Chairman in the selection of these courses.

111. **Linguistics for Bible Translation**—An introductory seminar sponsored jointly with Pioneer Bible Institute. The course includes an introduction to generative linguistics and anthropology with special emphasis on skills pertinent to Bible translation and an overview of phonetics, syntax, and semantics with classroom work entirely from the Biblical Record. One semester hour.
123. **Old Testament Survey**—An examination of the Old Testament, its content, background, and significance. Required of all students. Three semester hours.
124. **New Testament Survey**—A study of the New Testament, including a survey of its Jewish and Hellenistic backgrounds. Required of all students. Three semester hours.
201. **The Life of Christ**—A study of the four Gospels with the intent of showing Christ as a person, teacher, and minister. Also treated in the course is the harmony of material in the Gospels. Three semester hours.
202. **The Book of Acts**—A study of Acts with emphasis upon the establishment and extension of the Church. Three semester hours.
251. **History and Institutions of Israel**—A study of the social, political, and religious extensions of ancient Israel. Three semester hours.
252. **Biblical Archaeology**—A study of the history and techniques of archaeology in the Biblical world as a historical science together with a survey of Palestinian history as reconstructed by latest archaeological evidence. The uses of archaeological data for Biblical studies will be emphasized. Three semester hours.
261. **Biblical Faith and Contemporary Culture**—A study of the relationships between Biblical faith and contemporary Western Culture with special reference to the particular interests and areas of study of those taking the course. Available at Purdue Center only. Three semester hours.

- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. The Prophets**—A careful exegetical study of the prophetic books of the Old Testament to determine the character, message, and social and political background of each prophet. Three semester hours each semester.
- 321. Later Pauline Epistles**—An exegetical study of Philippians, Colossians, Philemon, and Ephesians. Three semester hours.
- 322. Pastoral Epistles**—An exegetical study of 1 and 2 Timothy, and Titus. Three semester hours.
- 324. Johannine Literature**—An exegetical study of 1, 2, and 3 John, and Revelation. Three semester hours.
- 411-412. Major Pauline Epistles**—An exegetical study of 1 and 2 Thessalonians, 1 and 2 Corinthians, Galatians, and Romans. Three semester hours each semester.
- 421. Post-Exilic Prophets**—A study of those passages in prophetic works which pertain to the development of the Hebrew-Jewish community which resumed in Jerusalem and Judah after the Exile. Three semester hours.
- 422. Intertestamental Literature**—A survey of the types of Jewish literature (i.e., apocryphal, pseudepigraphic, wisdom, apocalyptic) and their contents which were influential in the development of Judaism in the last two centuries B.C. and in the first century A.D. Three semester hours.
- 471. Christ and Culture**—A study of the impact of the Christian faith as found in the New Testament upon contemporary Western culture. Required of all seniors. Three semester hours.

Church History

341-342. Church History (See History 341-342).

431-432. Reformation of the Nineteenth Century (See History 431-432).

CHRISTIAN MINISTRIES

Field Work—A program designed to encourage Bible and Christian Education majors to become involved in the life of the church at some local level. Cooperation of the area churches opens opportunities for youth work, Bible School teaching, choir directing, and other forms of Christian service and experience. During the first two years of study it is recommended that such relationships be on a voluntary basis. With maturity and development most upper classmen will establish some remunerative relationship with some congregation.

- 250. Church Growth**—An examination into the nature of evangelism and a study of the various methods of conducting evangelistic activity in different cultural contexts. Consideration is also given to conservation of the results of evangelism. Three semester hours.
- 270. Introduction to Christian Missions**—A study of the Biblical and theological basis for missions, pointing out the implications of ecumenics, anthropology, and changing world conditions for present missionary practice. Three semester hours.
- 271. History of Christian Missions**—A survey of the beginning and progress of missions since the beginning of Christianity. Three semester hours.
- 275-276. Homiletics**—A study of the theory and art of preaching. Two semester hours each semester.
- 280-281. Practicum in Ministry**—Involvement in ministry either in a local congregation or on a mission field under approved supervision and involving adequate evaluation. Arrangements are to be made through the Area Chair-

man. One to three semester hours each semester. **Note:** This requirement may be met through a summer program of not less than eight weeks by advance arrangement with a local church or mission.

452. Pastoral Counseling (See Psychology 452).

477. Church Administration—An examination of the organizational, promotional, stewardship, evangelistic, and worship responsibilities of the ministry with a view toward equipping the student to assume these responsibilities. Two semester hours.

RELIGION

275. Contemporary Challenges to Christianity—An examination into the nature of faith, the types of faith operative in contemporary society, and types of life-styles that derive their basis in these faith-systems. The relationship between faith and knowledge is analyzed critically. Prevailing faith-systems are compared with Christianity. Available at Purdue Center only. Three semester hours.

350. Comparative Religions—A comparative investigation of the structure and content of primitive, ancient, and contemporary religions of man. The study includes consideration of major doctrines, figures, and developments. Three semester hours.

351. Philosophy of Religion (See Philosophy 351).

495. Seminar—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

MISSIONS

The missions program at Milligan is structured for persons whose primary commitment is to the mission mandate of the Church, whether those persons plan to work in mission situations in their own local areas or in environments away from home.

The strength of the missions program lies in its interdisciplinary nature. It is, purposely and by design, rooted in the area of Biblical learning, since our understanding of the universe and our own places in it is predicated upon our understanding of God's purposes for mankind as revealed in the scriptures. However, recognizing at the same time that effective missionary ministry also necessitates an understanding of man's nature, the missions program incorporates a solid foundation in the social sciences. It is this unique combination of the two disciplines—Bible and Sociology—which comprises the core of the missions program.

The six semester hours of the Practicum in Ministry (CM 280-281) are especially important, since they are specifically designed to allow the student to gain experience in missions in a supervised field situation while under the direction of his faculty adviser.

Because it is interdisciplinary in nature, the missions program includes within it both a major and a minor. Furthermore, if the student wishes to add to his program, he may, in consultation with his faculty adviser and the respective Area Chairman, work toward a double major and/or a double minor. The student will advance toward the Bachelor of Arts degree.

Required

New Testament courses	6 hours
Old Testament courses	6 hours
History 341-342 Church History	6 hours
History 431-432 Reformation of the 19th Century	6 hours
Christian Missions 270 Intro. to Christian Missions	3 hours
Christian Missions 271 History of Christian Missions	3 hours
Christian Ministries 280-281 Practicum in Ministry	6 hours
Sociology 210 Intro. to Cultural Anthropology	3 hours

Group Requirement—Four of the following seven courses must be completed.

Sociology 303 Family	3 hours
Sociology 314 Race and Ethnic Relations	3 hours
Sociology 401 Sociological Research	3 hours
Sociology 403 Urban Sociology	3 hours
Sociology 414 Seminar in Kinship	3 hours
Sociology 421 Sociology of Religion	3 hours
Sociology 461 Dynamics of Culture change	3 hours

Electives—The following courses are recommended.

Christian Missions 250 Church Growth	3 hours
Psychology 452 Pastoral Counseling	3 hours
Christian Missions 275-276 Homiletics	4 hours
Christian Missions 477 Church Administration	2 hours
Other Bible courses	
Other Sociology courses	

RELIGIOUS EDUCATION

The program in Religious Education is designed to serve persons who wish to combine a strong Bible program with work in both Christian Education and professional education. Though the program does not lead directly to teacher certification, the student may elect additional courses, sometimes requiring an additional semester, and be granted such certification. Ministers' wives and those looking toward graduate work in religious education may find this program valuable. It is also designed as a terminal program for those who would function as youth ministers, church secretaries, and Christian education workers in local churches. With certification, the program is ideal for Christian day-school teachers, missionary educators, etc.

The Religious Education major consists of Religious Education 261, 304, 308, in addition to those courses which are required for a Bible major. This program is correlated closely with the program in teacher education in Milligan college.

Required courses for the minor in Religious Education will be determined in consultation with the Area Chairman.

- 261. Introduction to Christian Education**—A survey course introducing the student to the total program of Christian Education in the local church. Principles, organization, curriculum, methods, leadership, and kindred matters are treated. Three semester hours.
- 304. Materials and Methods of Christian Education**—A study of the materials, methods, agencies, and programs used in the Christian nurture of children and youth. Special emphasis is placed upon the opportunities for Christian teaching seen in Daily Vacation Bible School, graded worship, expressional groups, and Christian camping. Three semester hours.
- 308. Organization and Administration of Christian Education**—A study of church educational organizations and activities with an emphasis on administering these activities. Two semester hours.
- 317. Organization and Administration of Youth Programs**—An examination into various aspects of the Ministry to Youth and of the organizational structures upon which such ministries are based. Two semester hours.
- 318. Materials and Methods of Youth Ministries**—A study of the available resources for ministering to the needs of youth in the Church. Two semester hours.

Area of Humane Learning



Dr. William C. Gwaltney, Jr., Chairman

Human achievement in the arts of thought and expression is one of the major studies of a liberal arts college. The aims of humane learning are the recognition and study of the ideas which have liberated and enriched the human spirit, the analysis of the various linguistic, graphic, and musical forms which have delighted the imagination of man, and the stimulation of creative expression of thought and emotion. Thus the "humanities" in partnership with science and revelation contribute to the freedom and moral potency of the human spirit. In the study of the humane disciplines, Milligan seeks to emphasize what is basic, feeling that a collegiate education should first of all equip men and women with a love for correct thinking and right living. Men and women so equipped will master whatever occupation they choose for a livelihood.

In the humane studies are grouped art, English, speech, foreign languages, music, humanities, and philosophy. At the present a major may be taken in the fields of English, philosophy, music, and humanities. A minor can be taken in art, French, German, English, Greek, philosophy, music, and theatre arts.

ART

The art courses at Milligan College are designed to accommodate both the serious and casual student. It is possible to obtain both an art minor and a Humanities-Art major, and every student in a small liberal arts college can benefit from an experience in making and/or appreciating works of art. Therefore, neither the studio nor art history courses require previous experience. It is suggested, however, that either (or both) Art 101—Visual Composition and Art 102—Drawing may be considered valuable as introductions to studio art.

The minor in art consists of 18 hours which must include Art 101, 102, 201, 420, 421, and 422.

101. **Visual Composition**—A study of the fundamental concepts in the design or organization of pictures, as well as a development of sensitivity to various kinds of visual forms. Three semester hours.
102. **Drawing**—An introduction to basic drawing concepts through experimentation in various media. Three semester hours.
201. **Painting**—An introduction to elementary painting concepts and techniques in either oil or acrylic. Three semester hours.
290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
302. **Printmaking I**—The making of relief prints, using wood and linoleum. Offered alternate years. Three semester hours.
303. **Printmaking II**—The making of intaglio prints, using such varied methods as etching, drypoint, and aquatint. Offered alternate years. Three semester hours.
304. **Watercolor**—An introduction to various techniques in landscape watercolor painting. Offered alternate years. Three semester hours.
305. **Studio Workshop**—An open studio course especially designed for those students interested in pursuing any art project or medium not listed in the

Catalog. It also may be used by those desiring further, more intensive work in a medium listed in the catalog. Three semester hours.

311. **Art for Elementary Teachers**—Designed to acquaint students certifying for elementary education with objectives, materials, and procedures for the elementary school arts program. Not applicable towards art minor or humanities-art major. Two semester hours.
420. **Art History—Prehistoric through Renaissance**—A survey of painting, sculpture, and architecture. Offered alternate years. Three semester hours.
421. **Art History—Baroque through Mid-Nineteenth Century**—A survey of painting, sculpture, and architecture. Offered alternate years. Three semester hours.
422. **Art History—Mid-Nineteenth Century through Mid-Twentieth Century**—A survey of painting, sculpture, and architecture. Offered alternate years. Three semester hours.
423. **Art History—Mid-Twentieth Century to Present**—A survey of painting, sculpture, and architecture. Offered alternate years. Three semester hours.
490. **Independent Study**—Independent study in an area of art agreed upon by the student and instructor. One to three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

ENGLISH

The course of study in English language and literature is designed to enable the student to write clearly and effectively, to read with appreciation, enjoyment, and understanding, and to construct intelligent standards for the critical evaluation of literature.

The major in English consists of thirty semester hours which must include English 304 or 305 and 460 or 461. Students having completed two years of Humanities will be credited with six hours toward the English major. The remaining twenty-four hours required for the major may be selected from the following five areas of the English offerings with the proviso that the student take a minimum of one course from at least four of the five areas: History and Structure of English (311, 312, 313); Medieval and Renaissance Literature (430, 460, 461, 462); Restoration and Eighteenth Century Literature (361, 432); Nineteenth Century Literature (304, 434, 435); Modern Literature (305, 402, 411, 412). Six hours of junior or senior level speech courses may be applied to an English major.

The minor in English consists of eighteen hours which may include six hours of humanities and must include courses in both American and English Literature.

211. **Special Studies in Literature**—A reading and discussion course designed to introduce famous themes, types of literature, or contemporary emphases in literary writings. Not applicable toward the English major or minor. One or two semester hours.
290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not covered in a single course. Not open to freshmen. One to three semester hours.
- 304-305. **Survey of American Literature**—A study of the literature of the American people with special attention to the writings of the major authors. Collateral reading is assigned in the American novel. Three semester hours each semester.

311. **Advanced Grammar**—Advanced study in the principles of English grammar with attention to sentence structure, vocabulary, spelling, and verb forms. Offered alternate years. Three semester hours.
312. **Introduction to Linguistics**—A study of the basic principles of linguistic analysis as specifically applied to the English language. Offered alternate years. Three semester hours.
313. **History of the English Language**—A survey of the development of the English language from its origins to the present. Offered alternate years. Three semester hours.
354. **Children's Literature**—A study of children's literature designed to acquaint the student with the literary contributions suitable for elementary grades. Applicable toward an English major only for those certifying in elementary education. Three semester hours.
361. **Novel**—A study of the history and development of the novel as a literary type with special emphasis on the British novel and the American novel. Three semester hours.



- 375. Philosophy in Literature**—(See Philosophy 375).
- 402. Short Story**—A study of the development of the short story with some attention to creative writing. Offered alternate years. Two semester hours.
- 411-412. Contemporary Literature**—A study of leading writers of fiction, poetry, and drama in the Twentieth Century, including English and non-English writers. This is a seminar course, involving discussions, independent research, and oral presentations. Three semester hours each semester.
- 430. Medieval Literature**—A study of poetry, prose, and language from the Norman Conquest to the Fifteenth Century with emphasis on Chaucer and his contemporaries: Langland, Gower, Petrarch, and Boccaccio. Three semester hours.
- 432. Restoration and Eighteenth Century Literature**—A study of selections of prose and poetry from the major writers of the Restoration and Eighteenth Century. Collateral reading of background materials is drawn from the writings of scientists, philosophers, historians, and other contributors to the cultural and intellectual milieu of the period. Three semester hours.
- 434. Romantic Movement**—A study of the Romantic Movement in England with special emphasis upon the great poets of the period. Offered alternate years. Three semester hours.
- 435. Victorian Period**—A study of the fascinating contradictions of the second half of the Nineteenth Century as expressed in the major poets, essayists, and novelists of the period. Offered alternate years. Three semester hours.
- 460-461. Renaissance Drama**—An examination of most of Shakespeare's plays with collateral reading in the works of his fellow playwrights from the early Tudor beginnings to the Restoration. Three semester hours each semester.
- 462. Renaissance Poetry and Prose**—Careful readings of the works of Spenser, Sidney, the Metaphysical poets, and Milton. Offered alternate years. Three semester hours.
- 490. Independent Study**—Independent work for senior English Majors in an area of the student's interest. The student's program will be under the supervision of one of the members of the English faculty. One to three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

FOREIGN LANGUAGES

The study and mastery of language are the chief avenues of human freedom and development. The study of language, other than one's own, introduces the mind to the heritage of other nations and civilizations; it enables one to find new shades of meaning in the expression of ideas; it gives new power to the imagination; and it contributes to the sympathetic understanding of other ways of life.

Successful completion of each semester of a language is a prerequisite to any subsequent semester in the sequence of that language. Admission for freshmen and transfer students with previous study of a language to advanced standing in that language in Milligan College will be determined by scores achieved on a placement test. A student who scores high enough on the placement test to enter the third year of a language may receive credit for the second year of that language. Credit will be given to those students who find it necessary to take the first year of the language.

FRENCH

The minor in French will consist of 18 semester hours of classes beyond the level of French 111-112.

- 111-112. Elementary French**—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple French. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate French**—The reading of prose, with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. Advanced Conversation and Composition**—Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication in modern day France. Classes will be conducted in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.
- 311-312. Survey of French Literature**—A study of the literature of France from its beginning to the present. Readings, including entire works, are selected from prominent authors of each century. Discussion will be in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.
- 401-402. French Civilization and Culture**—A study of French civilization and culture from its origins to the present. Topics will include history, philosophy, art, music, and everyday life. Newspaper and magazine articles will supplement the text. Discussion and reports will be in French. Prerequisite: French 301-302 or consent of instructor. Three semester hours each semester.
- 490. Independent Study**—An individualized course of study in French language or literature. The content of the course will be determined by the student and a member of the French faculty. Prerequisite: French 302 or 312 or consent of instructor. One to three semester hours per semester with a maximum of six semester hours.

GERMAN

The minor in German will consist of 18 semester hours of classes beyond the level of German 111-112.

- 111-112. Elementary German**—The pronunciation and writing systems, oral mastery of basic structural patterns in dialog form, their variation through pattern drills, analysis of grammatical structures, reading, and written composition. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate German**—Continued conversational drill, oral practice in the variation of structural patterns, reading of selections from modern German literature, and written composition with a thorough review of pronunciation and grammar. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 301-302. Advanced Conversation and Composition**—Extensive practice in conversation and composition. Classes are conducted in German. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.
- 401-402. Seminar in German Studies**—A study of selected topics in German literature, language, or culture, according to the interests of the students. Prerequisite: German 302 or 312 or consent of instructor. Three semester hours each semester.

- 490. Independent Study**—Individualized readings or independent research in an area of the student's interest in German literature, linguistics, or civilization. Prerequisite: German 302 or 312 or consent of instructor. One to three semester hours each semester.

GREEK

The minor in Greek will consist of 18 semester hours.

- 111-112. Elementary Greek**—A study of the elements of Koine Greek including drill on simple phrases and sentences and the acquisition of vocabulary. Readings in Johannine literature are included in the second semester. Three semester hours each semester.
- 221-222. Intermediate Greek**—The translation and grammatical analysis of New Testament passages representing a cross-section of Greek styles. The course also includes a study of intermediate grammar and some work with textual critical apparatus. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 331-332. Advanced Greek Readings**—Selected readings in the Septuagint, Philo, Josephus, and the Apostolic Fathers with attention to historical-theological contributions to these writers and works. Three hours each semester.

HEBREW

- 111-112. Modern Hebrew**—Reading, conversation, and composition, as well as basic grammar of Living Hebrew. Three class periods and two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate Hebrew**—Conversational drill, review of grammar, accelerated reading and composition, together with a cursory survey of Hebraic literature from Biblical times through the modern renaissance of Living Hebrew. Three class periods and one laboratory period per week. Three semester hours each semester.

SPANISH

- 111-112. Elementary Spanish**—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple Spanish. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate Spanish**—The reading of prose with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 311. Survey of Spanish Literature**—Reading of selections from the outstanding authors of Spain and some conversation and composition. Three semester hours.

HUMANITIES

The purpose of the major in humanities is to allow Milligan students to pursue an interdisciplinary course of study to fulfill the aims of the Area of Humane Learning. Although the major is not structured as a pre-vocational course, it does provide a broad undergraduate education from which a good student can move into several graduate programs or into secondary school teaching. It focuses upon the great ideas which have shaped history and created contemporary civilization.

Requirements for the humanities major are as follows: 24 hours of junior and senior level course work, including at least three hours of Humanities 490 and selected courses from among the disciplines of history, literature, philosophy, fine arts, foreign language, and Bible.

Each student majoring in humanities will work with an advisory committee selected from the humanities staff. Together they will design a program to meet the needs and desires of the individual student.

Students majoring in humanities will be encouraged to fulfill requirements for a minor from one of the above disciplines. However, students minoring in other fields may still major in humanities. There is no humanities minor.

091. Reading Laboratory—A direct and practical approach to reading skills (i.e., study-reading techniques, comprehension, speed reading), individualized to the needs of each student. Not applicable toward any major or minor. One semester hour.

093. Writing Laboratory—A course providing extra instruction to freshman students who have below average writing skills. The course includes work in basic sentence structure, paragraph structure, and grammar. Students also learn to organize and develop an essay. Not applicable toward any major or minor. One semester hour.

101-102. Humanities—An interdisciplinary course involving extensive reading in history, literature, philosophy, fine arts, and comparative religion as well as concentrated work in composition. Special attention is given to instruction in writing and to the history of civilization from prehistory to the eighteenth century, taking an integrated approach to learning. Six semester hours each semester.

201-202. Humanities—A continuation of the program of Humanities 101-102. Particular attention is given to the idea of progress and the general optimism of the nineteenth century as well as the anxiety and despair manifested in the twentieth century. World literature, philosophical themes, and artistic movements are given special emphasis. Six semester hours each semester.

Note: Humanities 101-102 is a required course of study for all freshmen working toward an A.S., B.A., or B.S. Degree. Humanities 201-202 is a required course of study for all sophomores working toward a B.A. or B.S. Degree.

200. Humanities European Study Tour—A study tour of 12 European countries. Visits are made to sites of both historical and cultural significance. In addition to the travel students will complete reading and writing assignments and fulfill all the academic obligations outlined by the tour professor. Humanities 200 may be taken in lieu of Humanities 201 or 202. Students who have completed the required Humanities sequence may petition for credit in art or history. Prerequisite: Humanities 101-102. Six semester hours.

290. Independent Study—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

490. Reading and Research in the Area of Humane Learning—An individualized course of study to be determined by the student and his advisory committee. At least three hours of Humanities 490 will be required for every humanities major. Students writing an undergraduate thesis in humanities may be allowed up to 12 semester hours of Humanities 490. One to six semester hours per semester.

495. Seminar—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

AFFILIATE PROGRAMS IN HUMANITIES

The Affiliate Programs in Humanities permit a student majoring in humanities to specialize in one of three areas: art, philosophy, or a foreign language. Such programs would be especially advantageous to students wanting to do graduate study in one of these three areas without sacrificing the opportunity of doing the broader cross disciplinary humanities major at the undergraduate level. Students can also meet teacher certification requirements at the secondary level in the areas of art and foreign language.

The requirements for the above majors include a minor in the field of concentration, additional courses in the area of Humane Learning to be determined by a committee from the area and chaired by the person responsible for the minor, and a suitable project or paper in Humanities 490.

AFFILIATE PROGRAMS IN HUMANITIES

HUMANITIES—ART

HUMANITIES—PHILOSOPHY

HUMANITIES—FOREIGN LANGUAGE

ART

(Min. 18 hours)

101	Visual Composition (3)
102	Drawing (3)
201	Painting (3)
301	Egg Tempera (3)
302	Printmaking I (3)
303	Printmaking II (3)
304	Watercolor (3)
305	Studio Workshop (3)
	Art History (9)

PHILOSOPHY

(Min. 18 hours)

151	Introduction to Logic (3)
321	Ethics (3)
301-302	History of Philosophy (6)
300-400	Electives (6)

FOREIGN LANGUAGE*

(Min. 18 hours)

211-212	Intermediate
301-302	Advanced
	Survey of Literature and additional upper level language courses.

**Language emphasis available in French or German*

Twenty-four hours of junior and senior level course work in the area of Humane Learning will be determined by the student's committee. Must include at least 3 hours of Humanities 490.

MUSIC

The purpose of the Music Program is to provide musical training for careers in music and to promote understanding and enjoyment of music in the college at large. Milligan College offers both a major and minor in music. Students who participate in music should realize that this is an experience in aesthetics as well as in musical proficiency. Details of music requirements may be found in the Music Handbook.

Each student majoring in music selects either voice, piano, organ, or an orchestral instrument for his primary area of concentration and must complete "applied Level VIII" requirements and present an acceptable senior recital. Music majors must be enrolled in an ensemble each semester that they attend Milligan College. The music major includes Music 143-4, 145-6, 243-4, 245-6, 381-2, 363, 385-6, and the applied music discussed above. All music majors must pass Freshman Comprehensive 199 at the end of the freshman year and Sophomore Comprehensive 299 at the end of the sophomore year. For those majoring in music and certifying to teach music, music shall be considered both the major and minor. In addition the music student wishing to certify to teach shall take the following: Music 221, 222, 451, 452, Psychology 404, Education 407, and 461.

Milligan College offers a church music program designed specifically for those who wish to work with music in the church. Candidates will be trained in piano, conducting, voice, and building a graded choir for all ages. Opportunities for field work in local churches will broaden the student's musical and spiritual education while helping local congregations build their music programs. The church music major consists of Music 143-4, 145-6, 243-4, 245-6, 221-2, 363, 381-2, 385-6, 451-2, 462 (Hymnology), and 481. Twelve hours of applied music with a proficiency examination and seven hours of ensemble will be required.

The music minor consists of Music 143-144, 145-146, 381 or 382 or 301, 363, and applied music distributed as follows: a primary area of concentration (attaining Level VI and passing Proficiency 499), a secondary area of concentration (attaining Level IV), and an ensemble for each semester.

Auditions for senior recitals will be held at the beginning of the semester in which the recital is to be given, and recital material must be memorized at that time.

143-144. Basic Music Theory—A course in beginning written theory and keyboard. Three semester hours each semester.

145-146. Basic Ear Training—A partially programmed freshman course covering identification, sightsinging, and dictation. One semester hour each semester.

221-222. Instrumental Methods—Basic performing, teaching and maintenance techniques for the string, brass, woodwind, and percussion instruments, as well as selection of materials, methods, and instruments. One semester hour.

243-244. Advanced Music Theory—A course in advanced concepts in music theory and keyboard. Prerequisite: Music 143-144. Three semester hours each semester.

245-246. Advanced Ear Training—A sophomore course in advanced study of material similar to 145-146. One semester hour each semester.

301. Understanding Music—Studies in techniques, forms, and style of music to acquaint the non-music major with the elements of musical culture. Three semester hours.

351. Music in the Elementary School—Teaching music in the classroom kindergarten through sixth grade. Studies in the development of the child's musical abilities are included. Not open to music majors. Three semester hours.

363. Basic Conducting—A study of conducting patterns, elements of interpretation, and practice in sightsinging. Prerequisite: Music 144 and 146. Two semester hours.

364. Advanced Conducting—Choral conducting, including problems of tone, balance, and interpretation. Prerequisite: Music 363. Two semester hours.



- 381-382. Music History and Literature**—A survey of the development of Western music and studies of major composers and styles. Three semester hours each semester.
- 385-386. Form and Analysis**—A study of major forms of music. Two semester hours each semester.
- 451. Methods and Materials for Elementary Music**—A study of teaching methods and materials of music for children including studies of the child's musical development. Three semester hours.
- 452. Methods and Materials for Secondary Music**—A study of philosophy, curriculum, methods, and materials of teaching music and directing ensembles. Three semester hours.
- 462. Seminar**—Seminars in specific areas of music for advanced students in voice pedagogy, piano pedagogy, composition, accompanying, hymnology, organ literature, and opera workshop. Two semester hours.
- 481. Practicum in Church Music**—Applied music experience in an approved church music program. Six semester hours.

Comprehensive Evaluations

- 199. Freshman Comprehensive**—A test of general music accomplishment at the end of the first year of music study. See Music Handbook for details.
- 299. Sophomore Comprehensive**—A test of general accomplishment at the end of the second year of music study. See Music Handbook for details.
- 499. Proficiency**—A test of general accomplishment in the music major's secondary applied concentration. Music minors take Proficiency in their primary applied.

Applied Music

Each student majoring in music must select one area of applied music for his primary concentration. He must also pass Music 499. If a student does not select voice as a primary or secondary concentration, he will be required to take voice class but will not be required to pass a voice proficiency.

Each music major or minor will be expected to perform in his primary applied area before the music faculty each year. The senior student will perform a recital program.

Piano

- 101. Piano Class**—Rudiments of piano, for students with no prior training. One semester hour.
- 110, 111-410, 411. Piano for Majors**—Individual instruction in piano. One hour lesson per week. Two semester hours each semester.
- 150. Piano for Non-Majors**—Individual instruction for music minors and electives. One half-hour lesson per week. May be repeated. One semester hour.

Voice

- 104. Voice Class**—A study of the rudiments of vocal music, breathing, correct use of body control, diction, and the development of tone. Required of all prospective voice students with no prior training. Not applicable toward a major or minor in music. One semester hour.
- 114, 115-414, 415. Voice for Majors**—Individual instruction in voice. One hour lesson per week. Two semester hours each semester.
- 155. Voice for Non-Majors**—Individual instruction for music minors and electives. One half-hour lesson per week. May be repeated. One semester hour.

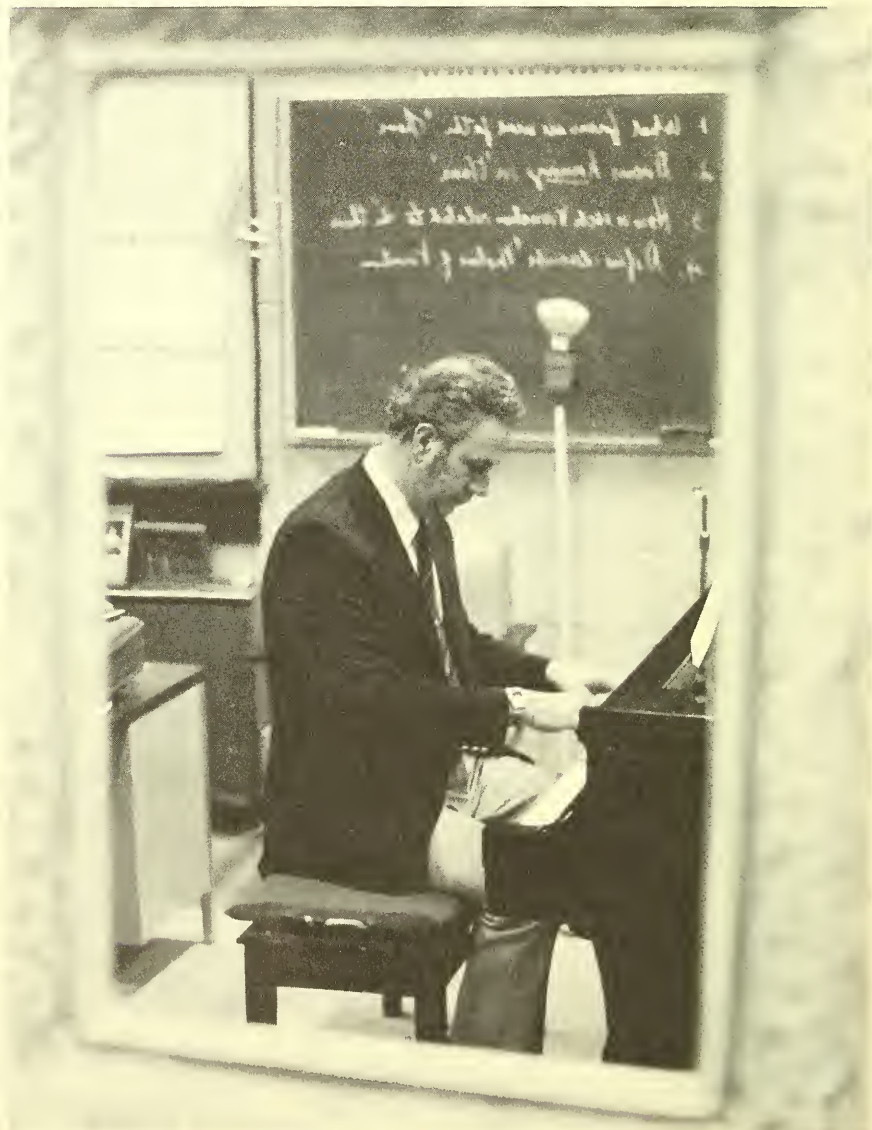
Organ

- 118, 119-418, 419. Organ for Majors**—Individual instruction with a concentration of music for the church organist and recital repertoire for qualified students. One hour lesson per week. Two semester hours each semester.

160. **Organ for Non-Majors**—Individual instruction in orchestral instruments. One half-hour lesson per week. May be repeated. One semester hour.

Instrumental

- 116, 117-416, 417. **Instrumental Instruction for Majors**—Individual instruction in orchestral instruments. One hour lesson per week. Two semester hours each semester.
165. **Instrumental for Non-Majors**—Individual instruction in orchestral instruments. One half-hour lesson per week. May be repeated. One semester hour credit.



DR. JOHN DOWD, MUSIC

Ensembles

Ensembles are considered the music laboratory for all music majors and minors and are to be taken each semester of the student's college career, except during Directed Teaching or Church Music Practicum. Placement in an ensemble is determined by an audition.

Choral

- 131A, 132A-431A, 432A. Milligan Men**—An ensemble of selected voices studying representative literature. Each year the group performs two major concerts and a limited number of additional programs. Four rehearsals per week. One semester hour.
- 131B, 132B-431B, 432B. Women's Chorus**—An ensemble of selected voices studying representative literature. Each year the group performs two major concerts and a limited number of additional programs. Four rehearsals per week. One semester hour.
- 133, 134-433, 434. Concert Choir**—A mixed chorus with a repertoire of major choral selections. High standards of vocal technique and musicianship are required. Five rehearsals each week. One semester hour.
- 135, 136-435, 436. Chamber Singers**—A small mixed chorus of selected singers who study and perform varied repertoire. The singers perform for limited outside engagements and at the annual Madrigal Dinners. One semester hour each semester.

Instrumental

- 103. Chamber Ensembles**—A series of small instrumental combinations for the study and performance of the literature of each ensemble. Three rehearsals per week. One semester hour.
- 103A. Brass Ensembles**—Brass quintets, trios, and brass choir.
- 103B. Woodwind Ensemble**—Woodwind quintets and woodwind choir.
- 103C. String Ensembles**—String quartets and string orchestra.
- 103D. Collegium Musicum**—An ensemble comprised of two smaller groups: the Recorder Consort and the Baroque Ensemble.
- 106, 107. Band**—Instrumental ensemble studying and performing wind ensemble literature of the Baroque and Classical periods, as well as nineteenth and twentieth century band compositions. Three rehearsals per week. One semester hour each semester.
- 108. Orchestra**—Performance with the Johnson City Symphony Orchestra; strings, woodwinds, brass, or percussion instruments. One rehearsal per week for two and one half hours. One semester hour.
- 109. Jazz Ensemble**—An ensemble for the study and performance of music in the Jazz idiom. Historical styles and their interpretation are emphasized. Two one and a half-hour rehearsals per week. One semester hour.

PHILOSOPHY

The study of philosophy is designed to increase the student's ability to think intelligently about man and the universe and about man's views basic to everyday social, political, economical, religious, and scientific theories and activities.

It introduces the student to the names and basic ideas of philosophers who have influenced the thought and action of the modern world. The study of philosophy cultivates an understanding and appreciation of the history and function of philosophy as an academic discipline.

The major in philosophy consists of twenty-four semester hours which must include Philosophy 151, 301, 302, 321, and 401.

Students minoring in philosophy will complete eighteen semester hours which must include Philosophy 301, 302, and 401.

Three hours of Humanities 202 may be applied toward the philosophy major or minor.

- 151. Introduction to Logic**—The study of traditional and symbolic logic, including practice in logical analysis, the detection of fallacies, and the use of the syllogism. Three semester hours.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301. History of Philosophy (Ancient)**—A study of the beginnings of Greek Philosophy, through Augustine. Three semester hours.
- 302. History of Philosophy (Modern)**—A survey of the more important philosophical systems of the western world from the Sixteenth Century to the Nineteenth Century. Three semester hours.
- 303. History of Philosophy (Contemporary)**—A survey of twentieth century philosophy to Wittgenstein and Sartre. Three semester hours.
- 321. Ethics**—A study of theoretical and practical problems of moral conduct and proposed solutions. Emphasis is given to the nature of ethics, value, rights, and obligations. Three semester hours.
- 331. Aesthetics**—A study of the philosophical problems concerning beauty. Questions considered include: Are there objective standards of beauty? Are aesthetic propositions meaningful? Three semester hours.
- 350. Comparative Religions** (See Religion 350)
- 351. Philosophy of Religion**—A study of the nature and meaning of religion within various world views, including a comparative study of the more important religious movements. Prerequisite: Either Humanities 202 or Philosophy 301 and 302. Three semester hours.
- 375. Philosophy in Literature**—A study of the philosophical questions in selected classics of world literature. Three semester hours.
- 390. Mathematical Logic**—A study of the sentential calculus, axiomatic discussion of Boolean algebras, and formalization of deductive theories. Three semester hours.
- 401-402. Seminar Studies in Philosophy**—A seminar designed to develop the ability to do independent research and writing. One to three semester hours each semester.
- 446. Readings in Philosophy**—A concentrated program of readings in philosophy. Prerequisite: Minimum academic average of B. One to three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SPEECH AND THEATRE ARTS

Speech Communication

- 121. Fundamentals of Speech**—An analysis of speech problems through the study of model speeches. Emphasis is given to organization and presentation of speeches for specific occasions through the manuscript, memorized, impromptu, and extemporaneous methods. Three semester hours.

275. **Homiletics**—(See Christian Ministries 275).

290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a single course. Not open to freshmen. One to three semester hours.



Theatre Arts

The theatre arts minor shall consist of eighteen semester hours and must include Theatre 151, 341, either English 460 or 461, and two semester hours selected from Music 104 and 155. Health and Physical Education 208 may also apply toward the minor.

- 151. Introduction to Theatre**—The history and literature of the theatre from its Greek origins to the present. Also emphasized will be theatre techniques such as lighting, costuming, and set design. Three semester hours.
- 340. Directing**—A course emphasizing study of the various elements in the production of a play: theory, selection of plays, interpretation of the play, scene design, costuming, and make-up. Directing is a laboratory experience which is especially recommended for students preparing to supervise plays in the public schools. Three semester hours.
- 341. Acting**—A course providing experience in the theory of effective acting techniques: methods of acting, stage movement, stage business procedures. Laboratory experience includes participating in a play. Three semester hours.
- 342. Advanced Acting**—A course providing advanced acting with an emphasis on Greek, Shakespearian, and Restoration comedy techniques. Prerequisite: Theatre 341. Three semester hours.
- 490. Readings in Drama**—A concentrated program of readings in drama designed to provide a solid repertory available to the beginning dramatist. Prerequisite: Six hours in drama. One to three semester hours.
- 491. Theatre Workshop**—An opportunity to gain experience in practical theatre work—costuming, lighting, set design, production, and direction. Open to juniors and seniors only. One to six semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



DR. IRA READ, HUMANITIES

Area of Professional Learning

Dr. Paul Clark
Mr. Eugene Price, Co-Chairmen



The curricula in the Area of Professional Learning are offered to those students who are planning careers in business or education. Courses in accounting, business administration and economics, health and physical education, secretarial science, and education are designed to prepare students for employment in these fields, to give them knowledge of the history and literature of the respective disciplines, and to make them aware of related problems. They are also designed to provide such curricula leading to degrees as will combine specialized training with a liberal education. Study in any one of these professional fields will prepare the qualified student for graduate study.

ACCOUNTING, BUSINESS ADMINISTRATION AND ECONOMICS

Courses in the fields of accounting, business administration and economics are designed to familiarize the student with basic accounting, business and economic principles and their application. The courses are listed under three divisions: accounting, business administration, and economics.

Courses in accounting are designed to prepare the student for careers in accounting and related areas. Basic skills are learned and practiced. The use of accounting as a management tool is emphasized.

Courses in business administration are primarily of a vocational nature and are concerned with the specific application of general economic and commercial principles. They emphasize knowledge and techniques useful to students intending to pursue careers in business.

The main purpose of the courses in economics is to develop in the student the ability to analyze and understand economic principles and institutions from a historical as well as a contemporary point of view. These courses furnish the theoretical background necessary for the achievement of a particular vocational or professional goal. They also constitute the academic basis for graduate study in economics and related fields.

The Bachelor of Science degree with a major in accounting consists of 33 semester hours: Economics 201-202; Accounting 211-212; Accounting 301-302; Accounting 415; Economics 301; and nine semester hours of accounting electives at the junior and senior level. A grade point average of 2.25 is required in the major.

The accounting minor consists of 24 semester hours: Economics 201-202; Accounting 211-212; Accounting 301-302; and six semester hours of accounting electives at the junior and senior level.

The Bachelor of Science degree with a major in business administration and economics consists of thirty semester hours: Business Administration 211-212, Economics 201-202, 301, 451, and twelve hours of business or economics electives at the junior and senior level. A grade point average of 2.25 is required in the major.

The business administration and economics minor consists of eighteen semester hours: Business Administration 211-212, Economics 201-202, and six hours of business or economics electives at the junior and senior level.

A student may elect to take a Bachelor of Arts degree with a major in business administration and economics by substituting six semester hours of a foreign language at the intermediate level for six hours of business or economics electives.

A student majoring in business administration and economics may not minor in accounting. A student majoring in accounting may not minor in business administration and economics. Any courses counting toward a major may not also count toward a minor or a second major.

ACCOUNTING

- 211-212. Introductory Accounting**—An introduction to the principles of accounting. Covered are the fundamentals of recording, summarizing, and analyzing business transactions; also given are detailed consideration of recording in books of original entry, posting to ledger, completion of period summary, and preparation of accounting statements. Three semester hours each semester.
- 301-302. Intermediate Accounting**—A continuation of the study of the principles of accounting with emphasis upon the more intricate details of the accounting process. Special attention is given to unusual accounting problems and to statement analysis and application. Prerequisite: Business Administration 211-212. Three semester hours each semester.
- 311. Cost Accounting**—A study of the methods of accounting for material labor and overhead in manufacturing. The job order cost system, process cost, and standard cost systems are considered. Offered alternate years. Prerequisite: Business Administration 211-212. Three semester hours.
- 312. Auditing**—A study of audit theory and procedure as applied to verification of accounts, internal control, professional ethics, and the preparation of reports. Prerequisite: Business Administration 211-212. Offered alternate years. Three semester hours.
- 411-412. Income Tax Accounting**—An introduction to federal taxes on income and the preparation of tax returns for individuals, partnerships, and corporations. The course includes a study of the concepts of income, capital gains and losses, and deductible expenses. Also covered are accounting methods, including withholding procedures, inventories, estate taxes, gift taxes, and social security taxes. Prerequisite: Business Administration 211-212. Three semester hours each semester.
- 415. Advanced Accounting: Theory**—A continuation of the study of the principles of accounting with emphasis on the more complex accounting environment. This includes such areas as business combinations, bankruptcies and other liquidations, intercompany transactions, segment reporting and accounting, and reporting for the SEC. Prerequisite: Accounting 302. Three semester hours.
- 416. Advanced Accounting: Problems**—This course concentrates on preparing the student to handle complex accounting problems of the type that frequently appear on the CPA exam. While the course is primarily oriented to the student planning to go into public accounting, it also will have substantial value for the student interested in large company controllership. Prerequisite: Accounting 401. Three semester hours.

BUSINESS ADMINISTRATION

- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 304. Advertising**—A study of the principles of advertising along with its function and aims in business. Attention is given to the economic and psychological principles involved. There is also a study of market analysis and its importance to the field of advertising. The mechanics of layout, media, and copy writing are considered. Offered alternate years. Three semester hours.
- 315. Marketing**—A survey of marketing principles and problems and a detailed analysis of markets, market prices, and marketing agents. Consideration is



PROF. EUGENE P. PRICE, BUSINESS

also given to the struggle among the various agencies for the control of the market. Prerequisite: Economics 201-202. Three semester hours.

- 361. Principles of Management**—A study of the basic principles of management. Also considered are decision-making and the fundamental function of management, planning, organizing, actuating, controlling, and the application of the process of management to selected areas. Studies of individual firms are discussed. Prerequisite: Economics 201-202. Three semester hours.
- 362. Personnel Management**—A study of the principles and policies governing employer-employee relationships and a consideration of the problems and practices of hiring, supervising, and terminating workers. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.
- 363. Industrial and Public Relations**—A study of the principles involved in developing and carrying out a satisfactory business and ethical relationship with people and with other business firms. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.
- 401-402. Business Law**—A study of the law of contracts, agency, negotiable instruments, property, sales, bailments, insurance, partnerships, corporations, bankruptcy, and business torts and crimes. Emphasis is placed upon the application of principles to commonly occurring commercial situations. Offered alternate years. Three semester hours each semester.
- 491. Field Work**—A practicum experience that will involve the student in a position in business under adequate supervision for the joint purposes of learning about business and possible occupational choices. One to three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

ECONOMICS

- 201-202. Principles of Economics**—A comprehensive study of the principles and factors of production, exchange, distribution, and consumption of economic goods. Included are a rapid survey of existing economic systems and a brief history of economic thought. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301. Corporate Finance**—A study of the basic financial structure of the corporate type of business enterprise. Emphasis is given to the various methods of financing and to the role that management plays in determining financial policy. Prerequisite: Economics 201-202 and Business Administration 211-212. Three semester hours.
- 302. Financial Management**—Case analysis of problems in corporation finance, receivables and risk management, internal investment decisions, liquidity control, and profit-planning. Emphasis is given to corporate decision-making. Prerequisite: Economics 301. Offered alternate years. Three semester hours.
- 304. Government and Business**—(See Political Science 304).
- 311. History of Economic Thought**—A review of principal analytical ideas of the great economists and an analysis of the socio-economic conditions which influenced their ideas. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 312. Economic History of the United States**—An examination of the economic development and growth of the United States economy from the Colonial Period (Seventeenth Century) to the present time. Emphasis is on the economic impact and consequence of historical events and developments. Offered alternate years. Prerequisite: Economics 201-202 or History 311. Three semester hours.
- 401. Labor Economics**—A study of the labor movement in the United States with emphasis on pertinent federal and state legislation regulating labor-management relations and the effects of such regulation upon the national economy. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 402. Public Finance**—A study of public expenditures, public revenues, fees, taxes, and public debt. A thorough consideration is given to the present tax system. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 403. Money and Banking**—A study of our monetary system and theory along with a survey of the commercial banking system of the United States. Banking principles are analyzed, and banking institutions are studied to observe the application of principles. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 451. Comparative Economic Systems**—A comparative and analytical study of capitalism, socialism, and communism, as they have developed in the countries whose economies they now characterize. Prerequisite: Economics 201-202. Three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SECRETARIAL SCIENCE

Secretarial science majors may work toward the Bachelor of Science degree with a major in secretarial science or, by taking six semester hours of a foreign language on the intermediate level rather than six hours of electives, may work toward a Bachelor of Arts degree with a major in secretarial science.

Secretarial science majors should complete the thirty-one hours of secretarial science courses which are described below. Minors should complete eighteen semester hours.

An intensive two-year terminal secretarial program has been designed for students who desire to acquire vocational competence in secretarial skills in the setting of a Christian liberal arts college. The curriculum consists of Secretarial Science 131-132, 143-144, 231-232, 243-244, 351-352, 470-472; Bible 123-124; Economics 201-202; Psychology 155; two hours of physical education activity courses; and twenty hours of elective courses.

A student who wishes to certify for the teaching of business education should complete Business Administration 211-212; Economics 201-202; Secretarial Science 131-132, 143-144, 231-232, 243-244, 351-352, 470-472; and Mathematics 108.

The Associate in Science degree in secretarial science is designed for the two-year terminal secretarial student who wishes a broad liberal arts background and an accredited degree. Hours completed for the A.S. degree may also be applied toward the B.S. degree. Required courses are Bible 123-124, Humanities 101-102, Secretarial Science 131-132, 143-144, 231-232, 243-244, 351-352, 470-472, Economics 201-202, Psychology 155, Accounting 211-212, and one elective course of three semester hours.

Students who have taken typing in high school may take a placement test before registration to demonstrate typing proficiency. Students demonstrating proficiency will not be required to take Secretarial Science 131.



- 131-132. Beginning Typing**—Mastery of keyboard and other working parts of the typewriter. Emphasis is placed upon accuracy, speed, and continuity of movement. Letter writing, centering, tabulation, envelope addressing, and arrangement of typewriter material are stressed. One and one-half semester hours each semester.
- 143-144. Beginning Shorthand**—A thorough and systematic study of the basic shorthand principles and outlines of Gregg shorthand through the reading of shorthand and drill in dictation. Three semester hours each semester.
- 231-232. Advanced Typing**—A comprehensive review of letter writing and tabulation. Manuscripts, proofreading, numbers, legal documents, and other business forms are emphasized. Three semester hours each semester.
- 243-244. Advanced Shorthand**—Intensive practice in reading and writing for the development of speed and accuracy, advanced study in dictation and transcription, machine practice in dictation, and study of secretarial procedures and practices. Three semester hours each semester.
- 331. Legal Office Typing**—A comprehensive program in four major fields of law: Real Estate and Property Transfer; Litigation; Wills, Estates, and Guardianships; and Partnerships and Corporations. Practice material is provided to familiarize the student with legal terminology and procedures and to acquaint the student with legal format, parlance, vernacular, and dictation rules in order that the student may feel at home the first day in the law office. Prerequisite: Secretarial Science 231. Three semester hours.
- 351. Business English**—A review of English grammar and a study of the various types of business letters. The purpose is to establish in the mind of the student the principles underlying effective business letters and to provide practice in applying these principles. Two semester hours each semester.
- 352. Communications in Business**—A consideration of the principles of good business writing: clarity, conciseness, the "you-attitude," and verbal precision. A study of the differences between persuasion and conciliation, between the delivery of bad news and the delivery of good, between memos that must effectively request and those that must effectively demand. Two semester hours.
- 360. Records Management**—A systems approach to the field of records management including the criteria by which records are created, stored, retrieved, and disposed of and the procedures for the operation and control of manual and automated storage systems. The concept of business information systems is applied to record management. Machine coding systems including the punched-card system, the KWIC Retrieval System and coding to the computer system are studied. Two semester hours.
- 470. Administrative Office Management**—A study of systematic information processing and its role in administrative office management. Also included is an in depth study of the three main components of effective information processing: employees, equipment, and work process. Three semester hours.
- 472. Secretarial Practice**—An advanced course in office procedures and the use of business machines. Prerequisite: Secretarial Science 241-242 and 243-244. Three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

EDUCATION

The program of teacher education is designed to serve persons who wish to be certified for teaching elementary, secondary, early childhood, and exceptional children. In addition to their service to the professional student, courses in this discipline are prepared to give the religious education student knowledge of the principles of education. These courses will also give the student who may become a member of the school board or the parent-teacher association an acquaintance with the public school and education methods. The knowledge and experiences in human interaction and leadership included in the educational program provide an excellent general education experience.

Students in Milligan do their observation and student teaching in the public schools of the nearby communities. A special feature of the program is a semester of professional education. During one of his senior semesters a student will do nine weeks of full-time student teaching and will attend a group of seminars which are especially designed to give a combination of theory and practical experiences in education.

Admission to the Teacher-Education Program

A student who desires to enter the teacher-education program should make formal application through the Director of Teacher Education. Transfer students desiring to enter the program should apply for admission the first semester they are enrolled in Milligan.

To be admitted to this program, the student must have a grade point average of at least 2.0 and have completed Psychology 252 with a grade of "C" or better. In addition to applying for admission, the student will be required to take a battery of tests which will be administered by the College Director of Testing. This test battery includes a personality evaluation and selected tests from the California Achievement Test which are now required by the Tennessee Department of Education. Test administration will be scheduled during the registration week each semester. Final approval will be given by the committee on admissions in the education program. Since this approval is a necessary prerequisite to enroll in education classes, students should be admitted at least by the end of the sophomore year.

A student must be recommended by the faculty in his major field and have a 2.25 minimum grade point average to be admitted to the education semester.

A minimum of two semesters is required in the regular teacher-education program. Admission to the program does not guarantee completion. If for any reason the education faculty decides that the student should not continue in the program, he may be required to withdraw any time before completion.

Certification

Milligan offers curricula for certification issued by the State of Tennessee for elementary and secondary teachers and is accredited by NCATE. For the past several years a large percentage of Milligan's graduates have entered the teaching profession. Course work in Milligan has enabled these students to be certified not only in Tennessee but also in states throughout the nation.

National Teacher Examination

Students in the teacher program will be required to take the National Teacher Examination during the last semester of their senior year.

Student Teaching

Students applying for student teaching should have completed Psychology 252 and either Education 411 or Education 471. The student teaching will be done during the senior year. The application should be made by May 1 for the fall semester or by December 1 for the spring semester.

The student teacher applicant should have a minimum grade point average of 2.25 and expect to take only 18 hours of credit during the student-teacher semester. As a

part of the application, the Director of Student Teaching will ask for a list of courses which the student plans to take for each of the remaining semesters of his Milligan B.A. or B.S. program.

Special Arrangements of Education Courses

Elementary Education students should plan to take in a block arrangement three courses: Education 211, Introduction to Reading, Education 411A, Teaching of Reading, and English 354, Children's Literature. A five-day-a-week, three-hour time period is scheduled for these courses. In the activities of these courses students have an intensive period of instruction, a time for a clinical arrangement with a child with reading problems, and a period of time to work with a reading group in the public school.

The education semester includes Education 230, Exceptional Children in the Public School; Psychology 404, Educational Psychology; Education 407, History and Philosophy of Education; Education 412 or 472, Materials and Methods; and Education 421, 461, or 481, Directed Teaching. The theoretical courses are completed in the first half of the semester. The practicum during the second half of the semester includes directed teaching with an accompanying seminar period.

Elementary Education Certification

The program for certification in Elementary Education is designed for those desiring a career as an elementary school teacher. Students completing the certification program must also complete a major. A minor is not required when certification is completed. Elementary Education certification may be completed with the Bachelor of Science degree or Bachelor of Arts degree.



DR. EUEL OWNBY, EDUCATION

Students are required to take Psychology 252, Developmental Psychology (four semester hours) as the elective Psychology course in the General Education requirements, and each of the following courses:

English	354	Children's Literature	3 sem. hrs.
Music	351	Music in the Elementary School	3
Art	311	Art for Elementary Teachers	3
Biology	350	Science for the Elementary School	4
Math	103-104	Fundamental Concepts	6
H&PE	203	P.E. for the Elem. School	3
H&PE	411	Health Education	3
Psychology	404	Educational Psychology	3
Education	211	Introduction to Reading	3
Education	230	Exceptional Children in the Public Schools	2
Education	411A	Teaching of Reading	3
Education	407	History and Philosophy of Education	3
Education	412	M and M of Elementary Educ.	2
Education	421	Directed Teaching in the Elementary School	8
			<hr/>
Additional General Education			
H&PE		Elective hours	4
Speech	121	Fundamentals of Speech	3
			<hr/>
Total			56

(beyond General Education required courses)

Students are urged to consult with the Director of Teacher Education and their academic adviser in the selection of their academic major.

Secondary Education Certification

The program for certification in secondary education is designed for those interested in a teaching career in the junior or senior high school. Students completing the certification will also complete an academic major and an academic minor. If the student selects a major that is not approved for certification, he should have a sufficient number of hours in one of the following areas for certification endorsement: Biology, Business, Chemistry, English, History, or Mathematics. Secondary certification may be completed with the Bachelor of Science degree (selected majors) or the Bachelor of Arts degree (language through the intermediate level required). In addition to the general education requirements and those of a major and minor, certification in secondary education requires completion of the following:

Physical Education 111 or Sociology 303 and one hour of Physical Education activity	
Mathematics 103	
Professional Education	24 hours
Must include Education 230, 407, 471, 472, 481 and Psychology 252, 404	

K-12 Certification

Art, Music, and Health and Physical Education are all K-12 teacher education programs, but the professional education courses are only slightly different from the secondary program. Students in these areas take special methods courses. Health and physical education students should add Mathematics 103 to their general education program. Art and music students should add, in addition to Mathematics 103, four hours of health and physical education to their general education program.

Special Education Curriculum

Milligan College offers a special education curriculum which is a noncategorical program with emphasis in learning. The special education student, who is required to certify in either elementary or secondary education in addition to special education, will qualify for modern mainstreaming or the teaching of a special education class. Students will have practicum experience with at least three of the following types of children: learning disabled, mentally retarded, emotionally disturbed, physically handicapped, or gifted.

The following courses are required for certification:

- Education 231—Psychology and Education of Exceptional Children
- Education 432—Learning Problems of Exceptional Children
- Education 211—Introduction to Reading
- Education 411A—Teaching of Reading
- Psychology 357—Introduction to Theory and Practice of Counseling
(or Psychology 353)
- Psychology 358—Abnormal Psychology
- Psychology 454—Introduction to Psychological Testing
- H&PE 406—Adaptive Physical Education
- Education 433—Educational Procedures for Exceptional Children
- Education 435—Trends and Issues in Special Education
- Education 434—Practicum in Special Education

Early Childhood

Milligan College offers a program in early childhood education. The following courses should be added to the elementary education certification in order to qualify the student for certification in early childhood education.

- Education 441—Early Childhood Education
- Education 442—Methods and Materials for Kindergarten
- Education 443—Early Childhood Practicum

- 211. **Introduction to Reading**—Development of an understanding of the reading process as it is presented in public schools. The course will include the related factors involved in reading such as vocabulary development, comprehensive skills, and study skills. Three semester hours.
- 230. **Exceptional Children in the Public Schools**—This course includes a summary of the special characteristics of exceptional children including the gifted, mentally retarded, emotionally disturbed, brain injured, visually impaired, hearing impaired, speech handicapped, and learning disabled. The course also includes a discussion of the mainstreaming approach to reaching exceptional children. Two semester hours.
- 231. **Psychology and Education of Exceptional Children**—An introduction to the education of exceptional children and the psychological aspects of these exceptionalities. The exceptionalities include high mental ability, mental retardation, brain injuries, visual impairment, impaired hearing, speech handicaps, and learning disabilities. The course includes observation. Two semester hours.
- 252. **Developmental Psychology**—(See Psychology 252).
- 290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 404. **Educational Psychology**—(See Psychology 404).
- 407. **History and Philosophy of Education**—A survey of the development of education from ancient Greek times to the present. Three semester hours.
- 411A. **Teaching of Reading**—A study of the objectives, materials, and techniques of reading in grades one through eight with emphasis upon

developing readiness, preventing retardation, and planning a balanced reading program. The class includes lectures and supervised observation. Three semester hours.

412. **Materials and Methods of Elementary Education**—A general study of the materials and methods of elementary education with specific attention to the teaching of the language arts, mathematics, and social studies. Two semester hours each semester.
421. **Directed Teaching in the Elementary School**—A teaching experience in the public school under the supervision of the classroom teacher with the aid of the college supervisor and major professor. Teaching may be done at two levels. Eight semester hours.
432. **Learning Problems of Exceptional Children**—A study of the learning problems of exceptional children including reading problems, arithmetic problems, auditory problems, visual problems, and perceptual motor problems. An introduction to some of the diagnostic tests will be included. Three semester hours.
433. **Educational Procedures for Exceptional Children**—A supervised experience with behavior modification and techniques of working with children who have reading, arithmetic, auditory, visual, or perceptual motor problems. Students will write prescriptive programs for public school-age students. Three semester hours.
434. **Practicum in Special Education**—A student practicum in a special education classroom. Three semester hours.
435. **Trends and Issues in Special Education**—Readings and research in special education. One to six semester hours.
441. **Early Childhood Education**—A study of philosophical and theoretical foundations of early childhood education. Child study and observation in off-campus kindergarten are required. Two semester hours.
442. **Methods and Materials for Kindergarten**—Observation and participation in kindergarten. Basic needs and characteristics of three, four, and five-year-olds in all areas of development; the kindergarten program; curriculum, routine activities, records, and parent-teacher relationships will be emphasized. Two semester hours.
443. **Early Childhood Practicum**—A two-hour-a-day experience, lasting for one semester, in a student teaching situation at the early childhood level. Three semester hours.
461. **Directed Teaching K through 12**—A teaching experience at both the elementary and secondary levels in the public schools. The teaching experience is supervised by the classroom teacher with the aid of the college supervisor and the major professor. Eight semester hours.
471. **Materials and Methods in Specific Secondary Subject Areas**—Courses in materials and methods in the specific subject matter areas in which Milligan College offers secondary teacher education programs. Three semester hours.
472. **Materials and Methods of Secondary Education**—A study of the materials and methods of secondary education with specific attention to curriculum construction and the solution of problem situations. Two semester hours.
481. **Directed Teaching in the Secondary School**—A teaching experience in the public school under the supervision of the classroom teacher with the aid of the college supervisor and major professor. Teaching may be done at two levels. Eight semester hours.
490. **Modern Educational Problems**—A survey of modern educational problems. The course may be an intensive supervised individual study or a seminar with regular meetings throughout the semester. One to six semester hours.

HEALTH AND PHYSICAL EDUCATION

Milligan College recognizes the need for physical and social as well as intellectual and spiritual development for the student seeking a liberal education. Courses are designed to give every student an opportunity to participate in a variety of sports as well as prepare himself to teach physical education and health in the public schools. Helpful courses are also available in the field of recreation.

A student may major in health and physical education. A minor in either physical education or health may be selected by a student who does not choose to major in health and physical education.

A major in health and physical education consists of a minimum of 33 semester hours including the following courses: Health and Physical Education 111, 203, 204 or 205 or 206, 208, 209, 211, 300 or 302, 301, 311, 312, 403, 404, 406, 411. The major must also include Biology 250-251 and either Sociology 303 or Psychology 353.

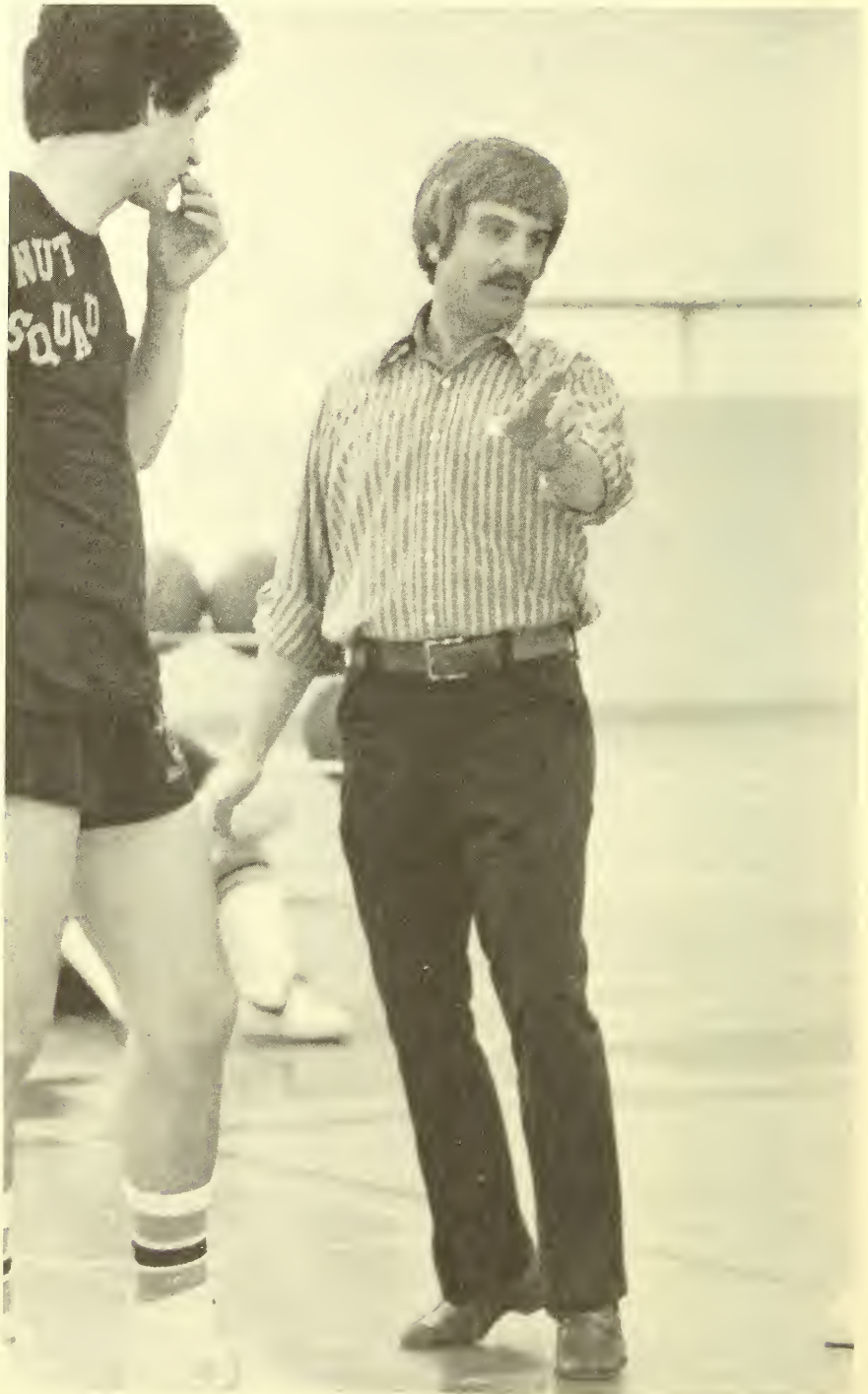
The above major with the professional education requirements for certification will allow a student to be prepared to teach both physical education and health in the public schools.

The minor in physical education consists of a minimum of 18 hours: Health and Physical Education 203, 204 or 205 or 206, 208, 209, 301, 312, 403, 404, and 406. For the teacher education student Biology 250-251 is also required. The teacher education student may elect an emphasis at the elementary or secondary level within this minor.

The minor in Health consists of a minimum of 18 semester hours and includes the following courses: Health and Physical Education 111, 211, 311, 411, Sociology 303, and Psychology 363.

111. **Personal Health**—A consideration of problems pertaining to the physical and social well-being of the individual. Included is a study of drugs, diseases, and important knowledge relating to health habits and attitudes. An overview of the health field is explored, with an emphasis on health careers. Three semester hours.
151. **Team Sports**—Active participation in such sports as football, field hockey, soccer, and volleyball. One semester hour.
152. **Team Sports**—Active participation in such sports as basketball, team handball, speedball, and softball. One semester hour.
153. **Bowling and Golf**—Instruction and participation at the beginning levels in each of these sports. Special fee. One semester hour.
154. **Beginning Swimming**—A course designed for non-swimmers. American Red Cross certification is available for beginning swimming, advanced swimming, and basic survival swimming. One semester hour.
155. **Beginning Badminton and Tennis**—A study of basic strokes and skills for beginning students in each of these lifetime sports. One semester hour.
156. **Intermediate Badminton and Tennis**—A study of skills and techniques of play for those beyond the level of beginners. One semester hour.
157. **Gymnastics, Stunts, and Tumbling**—Stunts and tumbling activities and gymnastics commensurate with student's ability and available apparatus. One semester hour.
158. **Snow Skiing**—Instruction at a nearby ski resort. The class is divided according to level of skill, beginner to advanced. Special fee. One semester hour.
159. **Horseback Riding**—Instruction at nearby stables on gaited horses and English tack, for beginners as well as intermediate and advanced riders. Special fee. One semester hour.
160. **Track and Field for Men and Women**—Activity and opportunity for skill development in track and field events. Areas studied are chosen from a list of seventeen events including jumping, hurdling, vaulting, sprinting, running for pace development, throwing, and weight events. One semester hour.

- 161. Archery and Racketball**—Knowledge and skill development in target archery and racketball. One semester hour.
- 199. Special Activity**—Activities not offered as material in regular course offerings, but as student interest indicates. Possibilities include scuba diving, weight lifting, karate, bicycling, and others. One semester hour.
- 203. Physical Education for Elementary Schools**—A course designed to prepare the student to direct a full program of physical education activities for grades one through eight. Three semester hours.
- 204. Intermediate Swimming**—A course designed for students who need additional work on various strokes and diving. Advanced survival swimming will be stressed. American Red Cross certification is available in both intermediate and advanced survival. One semester hour.
- 205. Advanced Swimming and Senior Lifesaving**—A course designed primarily for those interested in pool and beach life-guarding. American Red Cross certification is available for swimmer, advanced swimmer, and lifesaving. One semester hour.
- 206. Water Safety Instructor Course**—American Red Cross certification available for Instructor of Beginning Swimming and for Water Safety Instructor. Prerequisite: American Red Cross certification in lifesaving. One semester hour.
- 207. Conditioning Exercises and Weight Training**—A study of theory and practice in conditioning exercises suitable for men and women. Consideration is given to weight training for good body contour, strength, and endurance as desired by the individual. One semester hour.
- 208. Folk Dance and Rhythmical Activities**—Rhythmical exercises, elementary steps and folk dances of various countries. One semester hour.
- 209. Motor Learning**—A study of basic skills, knowledge, and psychology of movement education and the application of mechanical principles to skills and skill learning. The student selects an emphasis on the elementary or secondary education level. Two semester hours.
- 211. Community Health**—A study of the function and organization of Public Health with emphasis on work of various agencies and the individual's responsibility for community health. Various kinds of pollution, chronic diseases, use of drugs, and consumer health are studied. Three semester hours.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 300. Teaching Team Sports**—A study of materials and methods, skills, and techniques in teaching the common school team sports. Two semester hours.
- 301. Teaching Individual and Dual Sports**—Emphasis on teaching knowledge, skills, and appreciation of lifetime sports. Two semester hours.
- 302. Coaching and Officiating Team Sports**—A study of coaching techniques and strategy, officiating in such sports as football, basketball, baseball, softball, field hockey, track and field, and lacrosse. This course is designed especially for the prospective coach and/or game official. Three semester hours.
- 303. Coaching Basketball**—A course designed to add in-depth understanding and preparation in such things as building man-to-man offenses and defenses, zone offenses and defenses, pressing defenses, and fast break. It includes coaching philosophies, the coach as a teacher of basketball, coach-players-team-school relationships, and individual and team drills. Two semester hours.



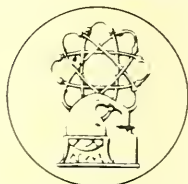
PHIL WORRELL, BASKETBALL COACH

- 309. Applied Physical Education (or Health)**—A course available in specific areas of health or physical education for the major or minor student. The student works closely with the professor to further prepare for teaching. Two semester hours.
- 311. Safety Education and First Aid**—A course designed to include a wide range of safety programs, including those of school, community, vocations, and leisure time. The American Red Cross course in first aid is also included. Three semester hours.
- 312. Introduction and History and Philosophy of Physical Education**—An introduction to the profession. Consideration is given to the pioneers in the field, to its historical development, and to the principles and philosophy which led to the modern program. Three semester hours.
- 403. Measurement and Evaluation in Physical Education**—An analysis of current testing programs. Skill tests, physical fitness, and motor fitness tests are included. Two semester hours.
- 404. Organization and Administration of Health and Physical Education**—A study of school problems, including curriculum development, program organization and supervision, and intramural and inter-school athletics. Three semester hours.
- 406. Adaptive Physical Education**—A study of programs and services for the atypical student at all grade levels. Two semester hours.
- 409. Recreational Leadership and Outdoor Education**—A study of recreation programs; personnel, areas and facilities; and current practices in camp leadership and administration. The study includes such outdoor activities as camping, hiking, mountain climbing and boating. Limited practical application. Three semester hours.
- 411. Health Education**—A survey of the principles and practices of health education. Emphasis is placed on methods and techniques for teaching. Three broad areas are included: health instruction, school health services, and healthful school living. Three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



Area of Scientific Learning

Dr. Eddie Leach, Chairman



The study of nature in modern times has yielded unprecedented knowledge of the physical, chemical, and biological aspects of the universe. Perhaps the distinguishing feature of life in the twentieth century is the ever-increasing knowledge of natural forces and resources. Man has felt both elated and dismayed by what such knowledge reveals. Effort is made in the teaching of science in Milligan to acquaint the student with the basic phenomena of science so that he may develop a better understanding of the universe as a unified system.

BIOLOGY

The biological studies seek to acquaint the student with the basic phenomena pertinent to an understanding of the living world. The relationships of chemistry and physics to the living activity and survival are stressed, and the student is made aware of his role in the environment. It gives attention to the student who is interested in a general grasp of the field, as well as those who are directing their activity to medicine, dentistry, or some specific area of the biological discipline. Students interested in a biology degree should see a member of the biology faculty early in their program.

The Bachelor of Arts degree in biology is designed for those seeking sufficient training in the field to enable them to teach the science in an elementary or secondary school. It is to be considered as a terminal program and is not designed to prepare the student for pursuing an advanced degree in biology or for a medical career. The requirements for the Bachelor of Arts degree in biology consist of twenty-four hours of biology courses which must include Biology 110, 120, 140, 210, 250, and 251; fourteen hours of chemistry, including Chemistry 251; and Mathematics 111 and 112.

The Bachelor of Science degree should be sought by those who wish to continue their studies in biology for an advanced degree and by those who plan to enter a medical field of study. The requirements for the Bachelor of Science degree are thirty-six hours of biology courses which must include Biology 110, 120, 140, 210, 220 or 240, and 310; a minor in chemistry, including Chemistry 301 and 302; Mathematics 111 and 112, with calculus recommended, and Physics 201, 202.

The Bachelor of Science requirements for a student who intends to major in biology and teach in elementary school are twenty-four hours in biology, which must include Biology 110, 120, 140, 210, and 350; Physical Science 103; and Mathematics 103-104 or 111-112.

After evaluation of each student's curriculum, the biology faculty may require additional courses in order to assure that the student will be adequately prepared to enter his chosen field of study.

A biology minor must include Biology 110, 120, 140, and two elective four-hour courses.

No more than four hours credit in either Biology 215 or 490 or a combined total of six hours in both courses may be applied toward the requirements for a major in biology. Credit in 215 or 490 may not be applied toward a minor in biology.

110. Human Biology—A study of fundamental biological concepts of particular relevance to man and his place in the living world. Included are discussions of the present and future status of the survival of man in a world of increasing biological problems. Four semester hours.

120. **Botany**—An intensive survey of the Plant Kingdom. Prerequisite: Biology 110. Four semester hours.
140. **Zoology**—An intensive survey of the Animal Kingdom. Prerequisite: Biology 110. Four semester hours.
210. **Genetics**—A study of fundamental principles of heredity with related statistics and probability. Prerequisite: Eight hours of biology. Four semester hours.
215. **Field Studies in Biology**—An analysis of selected biological problems and or an in-depth study of unique ecosystems. Subject content will vary according to selected topics. The course is conducted at an off-campus location, and additional expenses may be incurred by the student for travel. A student may not accumulate more than four hours credit in this course. This course should not be used to satisfy college degree requirements in science except by permission of the area chairman. Prerequisite: Biology 110 or consent of instructors. One to four semester hours.
220. **Plant Taxonomy**—A comprehensive study of plant identification and classification. Prerequisite: Biology 120. Four semester hours.
240. **Comparative Vertebrate Anatomy**—A comparative study of the embryologic and phylogenetic development of the principal systems of selected classes of vertebrates. Prerequisite: Biology 140. Four semester hours.
241. **Parasitology**—A survey of the more common parasites of man. It includes life histories, incidences, morphology, taxonomy, and control of parasitic helminths, protozoa, and the more important vectors of parasites. Prerequisite: Biology 140. Four semester hours.
- 250-251. **Anatomy, Physiology, and Kinesiology**—A study of the structure and function of the organ systems of mammals with special reference to human anatomy and physiology. The course is designed for those seeking a Bachelor of Arts degree in biology and for those pursuing nursing, physical therapy or a physical education career. It is not acceptable for credit toward Bachelor of Science degree with a major in biology. Prerequisite: Biology 110. Four semester hours each semester.
290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
310. **Cell Physiology**—A comprehensive study of cell structure and function with special emphasis on metabolism and related biochemical principles. Prerequisites: Chemistry 301 or concurrent registration and at least twelve hours of biology. Four semester hours.
340. **Animal Physiology**—A study of the function and structure of the organ system of vertebrates in general, but with emphasis on mammals. Prerequisite: Biology 310. Offered alternate years. Four semester hours.
341. **Animal Histology**—A study of the microscopic structure of the various types of tissues found in vertebrates. Prerequisites: Eight hours of biology and eight hours of chemistry. Offered alternate years. Four semester hours.
342. **Vertebrate Embryology**—A study of the general principles of vertebrate development from the formation of gametes to the formation of tissues and organs. Prerequisite: Biology 240 or permission of the instructor. Offered alternate years. Four semester hours.
350. **Science for the Elementary School**—An emphasis on the coordination of science content and teaching techniques for the elementary school teacher. The course is designed for students working toward a degree and who plan to teach science in elementary schools. Prerequisites: Biology 110 and Physical Science 103 or the equivalent. Four semester hours.

- 360. Ecology**—A study of relations between organisms and their environment, factors affecting plant and animal structures, behavior and distribution, energy and material cycles, and populations. Prerequisite: Biology 120 and 140. Four semester hours.
- 362. Vertebrate Field Biology**—A survey of the native vertebrate animals with emphasis on collecting, preservation, identification, and taxonomic relationships. Prerequisite: Biology 140. Offered alternate years. Four semester hours.
- 380. Microbiology and Immunology**—A basic course in the study of microbiology including the preparation of media, sterilization, the isolation of microorganisms and their identification, culture, and staining. Topics covered in immunology will include definitions and relationships of antigens and antibodies, host-antigen interaction, bursal and thymic influences on lymphoid cells, and humoral and cellular response mechanisms. Prerequisite: Permission of the instructor. Four semester hours.
- 440. Endocrinology**—A study of the structure and function of the endocrine glands with emphasis on their control and integration of biological processes. Prerequisite: Biology 340. Offered on demand. Four semester hours.
- 490. Research Problem**—Research on special problems in biology under direct supervision of a faculty member. Prerequisites: Twenty-four hours of biology courses and consent of biology faculty member to direct the research problem. One to four semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



CHEMISTRY

The chemistry curriculum is designed for the student planning a career in industry, research, engineering, teaching, or the biological sciences. It also contributes to the appreciation of this science as it applies to daily life.

The chemistry major leading to the Bachelor of Arts degree consists of twenty-four hours. Mathematics 111 and 112 are required.

The chemistry major leading to the Bachelor of Science degree consists of thirty-four hours which must include Chemistry 103-104, 202, 301-302, 401-402; Mathematics through Calculus 303; and Physics 201 and 202.

The chemistry minor consists of eighteen hours including Chemistry 103 and 104.

- 103-104. Inorganic Chemistry**—A study of the principles of inorganic chemistry including qualitative analysis. Five semester hours each semester.
- 150. Inorganic Chemistry**—A one semester survey of the principles of inorganic chemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.
- 202. Quantitative Analysis**—A course including representative types of gravimetric and volumetric analysis and a study of the techniques and fundamental principles of analytical chemistry and the stoichiometric problems. Four semester hours.
- 251. Organic and Physiological Chemistry**—A one semester survey of organic chemistry and elementary biochemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. Organic Chemistry**—A study of the preparation, properties, structure, and reactions of organic compounds. Aliphatic compounds are studied in the first semester and the aromatic compounds in the second. Prerequisite: Chemistry 103-104. Four semester hours each semester.
- 310. Biochemistry**—A comprehensive study of the chemical processes taking place in living cells with special emphasis on metabolism and related chemical principles. Prerequisites: Chemistry 302 or concurrent registration and at least eight hours of biology or the consent of the instructor. Four semester hours.
- 311. Organic Qualitative Analysis**—A course in the standard methods of identification of organic compounds. Prerequisite: Chemistry 302 or concurrent registration. Four semester hours.
- 401-402. Physical Chemistry**—The study of the states of matter, elementary thermodynamics, solutions, electromotive force, chemical and ionic equilibria colloids, and atomic and nuclear structure. Prerequisites: Chemistry 104, 202, and Physics 201-202. Four semester hours each semester.
- 405. Advanced Inorganic Chemistry**—A systematic study of the elements including atomic structure, bonding, molecular structure, and the Periodic Table. The laboratory consists of selected inorganic preparations. Prerequisite: Chemistry 202. Four semester hours.
- 490. Research Problem**—Research on special problems in chemistry under the direct supervision of an instructor. Prerequisite: Twenty hours of chemistry and consent of faculty member to direct the research problem. One to four semester hours.

- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

MATHEMATICS

The aims of the mathematics program at Milligan College are to develop a systematic basis for logical reasoning, to promote an attitude of unprejudiced inquiry, to provide a general mathematical foundation for life's activities, to supply the working tools for other disciplines, and to promote a desire for further investigation and study. It is designed for students interested in teaching, engineering, computer science, chemistry, and business.

A major in mathematics shall consist of thirty semester hours which must include Math 211, 212, 303, and 18 additional hours of math courses numbered above 200. Especially recommended for all math majors are Math 201, 214, 305, 307, and 308. An exception to this requirement exists when a student completes a double major in an area (such as biology or chemistry) complementary to mathematics. In this instance Math 111 and 112 may be included among the 18 hours of required math courses beyond calculus.

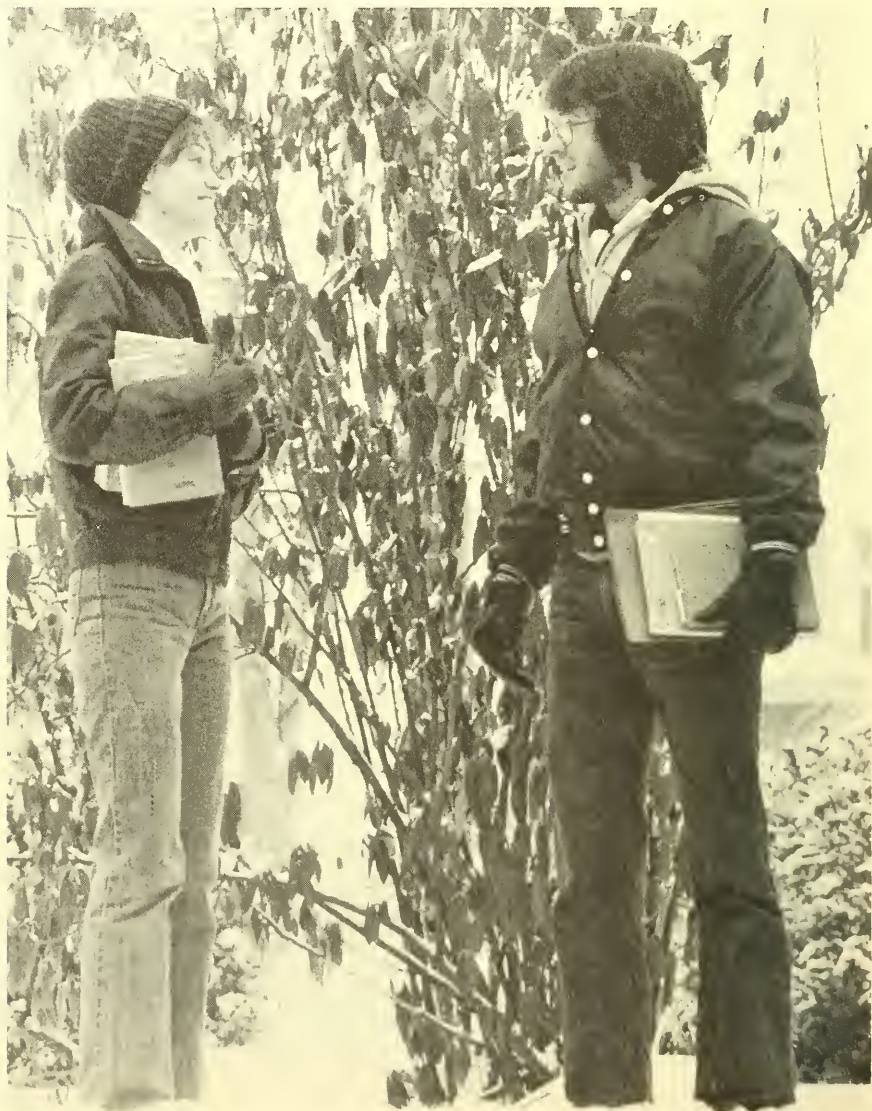
A minor shall require twenty-four semester hours which must include Math 111, 112, 211, and 212. Math 111-112 will be waived with possible credit for students who exhibit adequate proficiency.

- 092. Mathematics Laboratory**—A review of the fundamental mathematical principles and techniques such as addition, subtraction, multiplication, division, the number system, prime numbers, greatest common divisors, least common multiple, and square roots. A short review of algebra is included. Will be waived for students who exhibit adequate proficiency. Not for credit toward any major or minor. One semester hour.
- 103-104. Fundamental Concepts**—A study of the real numbers and elementary geometry. As tools for the development of these topics, a study is made in detail of set theory and logic. Emphasis is placed on methods and materials for teaching elementary school mathematics. The second semester will include practical experience in the classroom under supervision by the instructor. Three semester hours each semester.
- 108. Mathematics of Finance**—A study of mathematical tools directly related to the field of management and finance, including a study of percent, simple and compound interest, simple and general annuities, amortization, depreciation, and capitalization. For business majors and teacher certification only. Three semester hours.
- 111. Algebra**—A study of mathematical methods, the natural numbers, rational numbers, real numbers, relations and functions, algebraic expressions, polynomials, complex numbers, fractions, exponents and radicals, equations, matrices and determinants, progressions, permutations, combinations, and probability. Three semester hours.
- 112. Trigonometry**—A study of trigonometric functions, triangles, exponents and logarithms, identities, inverse trigonometric functions, complex numbers, and trigonometric equations. Two semester hours.
- 121. Math for the Liberal Arts**—An informal survey of sets, logic, geometry, probability, statistics, linear programming, and computer science. Not open to math or science majors. Prerequisite: High school algebra. Three semester hours.
- 201. Introduction to Computer Science**—A general introduction to the concepts and basic features of the electronic computer. The student learns basic computer language and algorithms by their application in constructing workable programs. One or two semester hours.

211. **Calculus I**—A study of functions, limits, derivatives, and integrals including their definition, calculation, and application. Prerequisite: Math 111. Four semester hours.
212. **Calculus II**—A study of transcendental functions, their differentiation and integration, formal integration the conics, Taylor's formula and infinite series. Prerequisite: Math 112 and 211. Four semester hours.
214. **Statistics**—A study of probability distributions and inferential as well as descriptive statistics. Topics such as frequency tables, measures of central tendency and dispersion, confidence intervals, and tests of hypothesis are included. Recommended for math majors. Three semester hours.
215. **Modern Geometry**—A study of axiomatics, logic, Euclidean and non-Euclidean geometries from a historical viewpoint. Euclidean incidence, betweenness, congruence, and separation are studied along with models for non-Euclidean geometries and their impact on mathematical thought. Recommended for prospective teachers of mathematics. Offered alternate years. Three semester hours.
290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
303. **Multivariable Calculus**—A study of three dimensional analytic geometry, curves, calculus of functions of several variables, line integrals, and differential equations. Prerequisite: Math 212. Four semester hours.
305. **Differential Equations**—A study of the differential equations, their meaning, types of solution, and uses. Recommended for math majors and minors interested in chemistry and applied math. Prerequisite: Math 303. Three semester hours.
307. **Linear Algebra**—A study of vector spaces, matrices and linear systems, determinants, inner products, and linear transformations. Recommended for all math majors. Offered alternate years. Three semester hours.
308. **Modern Algebra**—A study of algebraic structures such as rings, fields, groups, and integral domains. Recommended for math majors. Offered alternate years. Three semester hours.
310. **Topology**—A study of open sets, closed sets, functions, continuity, compactness, connectedness, product spaces, and homomorphism. Offered alternate years. Three semester hours.
390. **Mathematical Logic**—(See Philosophy 390).
408. **Numerical Analysis**—A study which enables one to write mathematical processes such as integration, differentiation, matrix inversion, and estimation of roots, with arithmetic operations. Study includes orientation toward machine computation. Prerequisite: Math 303. Offered alternate years. Three semester hours.
411. **Introduction to Analysis**—A study of topological preliminaries, convergence, continuity, differentiability, the Riemann integral, sequences and series of functions, measure and generalized integration. Prerequisite: Math 303. Offered alternate years. Three semester hours.
- 415A, B, C. **Independent Work in Mathematics**—Individual work offered on demand. Topics such as number theory, projective geometry, multivariable calculus, linear programming, game theory, and complex variables are possibilities. Prerequisite: Major with 3.0 grade point average in math. Offered alternate years. One to three semester hours.

PHYSICS

- 103. Physical Science**—A study of basic concepts in physics, chemistry, geology, astronomy, and chemistry. Not applicable toward a major or minor in biology or chemistry. Four semester hours.
- 201-202. General Physics**—A study of the fundamental principles of mechanics and thermodynamics the first semester. Electricity and magnetism, wave motion, sound, light, and modern physics are studied in the second semester. Prerequisite: Algebra and trigonometry required. Calculus recommended. Four semester hours each semester.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.



Area of Social Learning



Dr. Orvel Crowder, Chairman

The social learning program of Milligan College is designed to provide for the student a broad and appreciative understanding of man in his social relationships. The approach is both humane and scientific. The purpose of the discipline is to develop the student's comprehension of contemporary problems and to motivate him to seek their solutions in terms of Christian ethics.

ECONOMICS

For course descriptions in Economics see the Area of Professional Learning, Economics:

Economics 201-202	Principles of Economics
Economics 301	Corporation Finance
Economics 302	Financial Management
Economics 304	Government and Business
Economics 311	History of Economic Thought
Economics 312	Economic History of the United States
Economics 401	Labor Economics
Economics 402	Public Finance
Economics 403	Money and Banking
Economics 451	Comparative Economic Systems

HISTORY

An adequate understanding of the present and an intelligent shaping of the future depend upon the knowledge of history. It is, therefore, in keeping with the mission of Milligan College that a sound program of historical study be offered. The major in history consists of thirty hours, of which six will normally be included in the two year Humanities sequence. History majors will advance toward the Bachelor of Arts degree, which requires a language. History majors must include History 301, 309-310 as a requirement and must also have six hours of United States history beyond 309-310 and six hours in some aspect of the Western world not primarily the United States.

The minor in history consists of eighteen hours, of which six is included in the two year Humanities sequence. History 301 and 309-310 are required.

- 224. History of Rome**—A survey of Rome's progress from Republican times to its decline and replacement by the Germanic kingdoms in the fourth and fifth Christian centuries. Two semester hours.
- 271. History of Christian Missions**—(See Christian Ministries 271). Not applicable toward history major or minor.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301. History and Historians**—A study of the discipline of history and the role played by historians in recording, writing, and interpreting history. Required of all history majors. One semester hour.

- 309-310. American History**—A study of the history of the United States from the Colonial Period to World War II with special reference to the history of Tennessee. Careful study is given to the growth of American political institutions and the social and economic life of the people of the United States. Required of all history majors and minors. Three semester hours each semester.
- 311. History of Economic Thought**—(See Economics 311).
- 312. Economic History of the United States**—(See Economics 312).
- 321. History of the Renaissance**—A study of the transition from the Middle Ages to the Modern World emphasizing cultural change from 1300 to 1600. Three semester hours.
- 331-332. History of England**—A study of the history of England from the earliest times to the present, emphasizing the English constitutional development, the concept of representative government, and the building of the Empire. Prerequisite: Humanities 101-102 is desired. Offered alternate years. Three semester hours each semester.
- 341-342. Church History**—A study of the history of the church from its beginning to the present. Attention is given to the rise of theological patterns, denominational developments, and the church's response to prevailing culture. Prerequisite: Humanities 101-102. Three semester hours each semester.
- 361-362. History of Russia**—A survey of the history of Russia with emphasis upon major developments in the modern and contemporary scene. Offered alternate years. Three semester hours each semester.
- 371. American Colonial Period**—A study of American colonial history beginning with the establishment of North American colonies and concluding with the American Revolution with an emphasis upon factors in this period having an effect upon American growth and development. Three semester hours.
- 376. Jefferson to Jackson**—A study of the period between the lives of Thomas Jefferson and Andrew Jackson with attention given to the ideas and events which resulted in the emergence of the nation and the development of the frontier. Three semester hours.
- 381. The Revolutionary Era**—A study of the emergence of democratic ideas, the Industrial Revolution, the emergence of nationalism, and the role of political and cultural revolution in Europe from 1760 to 1870. Three semester hours.
- 401-402. Intellectual History of the Western World**—A study of the development of selected ideas within Western culture and an evaluation of their impact upon the modern world. Offered alternate years. Two semester hours each semester.
- 403-404. Historiography**—An advanced study of the principles of historical investigation and research. Offered alternate years. One semester hour each semester.
- 411. Civil War and Reconstruction**—An examination of the political, social, and economic forces leading to the disruption of the Union. A study is included of the military action resulting from secession, the factors contributing to the ultimate victory of the Union, and the problems of reconstruction facing the nation. Three semester hours.
- 412. Recent American History**—A study of the political, economic, diplomatic, and social history of the United States since 1933 with special emphasis on the period since World War II. Three semester hours.
- 421. History of the Ancient Near East**—A study of the history of the emerging Mesopotamian civilization from earliest times through the fall of the Sassanid Persian Empire. The diffusion of this civilization into the rest of the Near East is traced. Two semester hours.

- 422. Cultural History of the Ancient Near East**—An examination of the ancient Near Eastern response to life as revealed in myth and epic, belles lettres, religion, institutions, and sociological patterns. Two semester hours.
- 424. Modern Near Eastern History**—An appraisal of the Near Eastern role in the Western World from the Ottoman Turkish Empire through the present Arab-Israeli confrontation. Two semester hours.
- 431-432. Reformation of the Nineteenth Century**—A study of the background issues, and courses of the nineteenth and twentieth century efforts to restore New Testament Christianity. Prerequisite: History 341-342. Not applicable toward a history major or minor. Three semester hours each semester.
- 445. Historical Research**—A study of the theory and exercise in the practice of original historical research. Prerequisite: a grade point average of 3.0. Three semester hours.
- 446. Historical Readings**—A concentrated program of readings in history and its related fields, designed to broaden perspectives and to deepen insights. Prerequisite: A grade-point average of 3.0. Three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



HUMAN RELATIONS

Human Relations Major

The Sub-Area of Human Relations provides a major and a minor in human relations with curricula leading to a B.A. or to a B.S. degree. The major enables students to develop specialty programs in psychology, sociology, social agency administration, youth leadership, and government/business leadership. The B.S. degree requires 36 hours. The B.A. degree requires 30 hours plus 12 hours of a foreign language. A major in human relations requires a core program of 9 to 12 hours of the core courses listed below. Remaining courses for elective credit must be taken from the specific courses listed for that track unless otherwise arranged in consultation with the Track Chairman and approved in writing. Students may not use any courses counted toward the major to meet requirements for a minor or a second major.

Core Courses

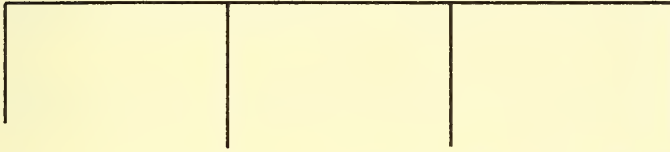
Sociology 201 (3 hours) Psychology 250 (3 hours)
Sociology 303 (3 hours) or Psychology 350 (3 hours)

Track One: Psychology	Track Two: Sociology and Anthropology	Track Three: Social Agencies*	Track Four: Youth Leadership	Track Five: Government/Business Leadership
Required Courses: (6 hrs.) Psy. 259 Psy. 353	Required Courses: (9 hrs.) Soc. 210 Soc. 401 Soc. 451	Required Courses: (15 hrs.) Soc. 311 Soc. 403 Soc. 451 Soc. 491 (6 hrs.)	Required Courses: (12-14 hrs.) H&PE 409 Psy. 357 R.E. 317 Psy./Soc. 491 (4-6)	Required Courses: (21 hrs.) Pol. Sci. 203 B. Adm. 361 B. Adm. 363 Econ. 201 Econ. 202
Electives: (15-21 hrs.) To be chosen with written approval of Track Chairman to meet student's educational objectives (i.e., teaching, psychiatry, mental health, business, law, research, community planning, parenthood, etc. Cf. Track-brochure)	Suggested Electives: Math. 214 Soc. 311 Soc. 312 Soc. 314 Soc. 360 Soc. 403 Soc. 413 Soc. 414 Soc. 421 Soc. 426 Soc. 456 Soc. 461 Soc. 490 Soc. 491	Suggested Electives: Psy. 252 Psy. 352 Psy. 353 Psy. 401 Psy. 458 Soc. 210 Soc. 312 Soc. 411 Soc. 413 Soc. 416 Soc. 490 Soc. 491	Suggested Electives: Psy. 252 Soc. 311 Soc. 312 Soc. 314 Soc. 360 Soc. 403 Soc. 421 R.E. 261 R.E. 304 R.E. 308 R.E. 318	Suggested Electives: Pol. Sci. 304 or 311 Pol. Sci. 491 or B. Adm. 491 Other B. Adm. and Econ. courses Other Pol. Sci. courses Psy. 353 Soc. 426

*For those interested in agency and institutional management a minor in Accounting or Business Administration is suggested.

Human Relations Minors

The Sub-Area of Human Relations provides a major and a minor in human relations with curricula leading to B.S. and B.A. degrees. A minor in human relations is 18 hours including the required courses for the track selected. Only those electives specifically listed may apply to the minor and are to be arranged in consultation with the Area Chairman.



Track One: Psychology

Required Courses: (15 hrs.)

Psy. 250
Psy. 259
Psy. 350
Psy. 353
Soc. 201

Recommended Electives: (3 hrs.)

Math 214
Psy. 252
Psy. 357
Psy. 358
Soc. 303
Soc. 426
To be chosen
with written
approval of
Track Chairman

Other Possible Electives:

Any other Psy.
course
Soc. 210
Soc. 360
Soc. 414

Track Two: Sociology and Anthropology

Required Courses: (15 hrs.)

Psy. 250
Soc. 201
Soc. 210
Soc. 303
Soc. 451

Recommended Electives: (3 hrs.)

Math 214
Psy. 350
Soc. 311
Soc. 314
Soc. 401
Soc. 426

Other Possible Electives:

Any other Soc.
course

Track Three: Social Agencies

Required Courses: (15 hrs.)

Soc. 201
Soc. 303
Soc. 311
Soc. 403
Psy. 250

Recommended Electives: (3 hrs.)

Pol. Sci. 304
Psy. 350
Psy. 352
Psy. 353
Psy. 458

Other Possible Electives:

B. Adm. 361
B. Adm. 363
B. Adm. 401
B. Adm. 402
Econ. 201-202
Psy. 401
Any other Soc.
course

Track Four: Youth Leadership

Required Courses: (17 hrs.)

H&PE 409
Psy. 250
Psy. 357
R.E. 317
Soc. 201
Soc. 303

Recommended Electives: (1 hr.)

H&PE 111
H&PE 203, 300,
or 301
Psy. 252
Psy. 353
R.E. 261
R.E. 318
Psy./Soc. 491
Soc. 311
Soc. 426

Other Possible Electives:

Psy. 358
Psy. 404
Psy. 405
Psy. 458
R.E. 304
R.E. 308
Any other Soc.
course

POLITICAL SCIENCE

Milligan does not offer a political science major or minor. As a result, students interested in this field of study should consider Human Relations Track V. Because it is available only as a major, students will couple it to a second major or a minor in another field such as business administration and economics or history. It may be taken as either a B.A. or a B.S. program.

- 203. American National Government**—A survey of the principles of the American federal system and a study of the structure and function of the national government. Three semester hours.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 304. Government and Business**—A survey of governmental regulation of economic activity, such as public utilities, transportation, security issuance and commodity markets, competitive practices, and agriculture with brief reference to labor and total wartime controls. Both the economic and political effects of such regulation are considered. Three semester hours.
- 311. State and Local Government**—A study of the structure and function of state and local governments in the United States and the political environment in which they exist. Prerequisite: Political Science 203. Three semester hours.
- 402. Political Theory (Ideology)**—A comparative study of four contemporary ideologies—Fascism, Communism, Conservatism, and Liberalism—and their implications for the state, the individual, progress, leaders and followers, freedom, justice, fraternity, etc. Offered alternate years. Three semester hours.
- 403. American Constitutional Law**—A survey of the historical development of the American Constitution with emphasis on the role of the judicial branch of the government as arbiter in determining the respective limits on national and state power, in protecting the individual against that national and state activity which offends the Bill of Rights and other constitutional guarantees of liberty and property, and in securing civil rights. Selected court cases will be studied. Three semester hours.
- 490. Readings in Political Science**—Supervised independent readings for a greater depth or a different approach than provided in other courses. Prerequisite: Political Science 203. One to six semester hours.
- 491. Field Work**—A practicum experience that will involve the student in a position in government under adequate supervision for the joint purposes of learning about government and possible occupational choices. Prerequisite: Political Science 203. One to three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. Prerequisite: Political Science 203. One to three semester hours.

PSYCHOLOGY

The psychology curriculum emphasizes the principles and applications of substantive psychological knowledge both as a natural science and a social science. The major and minor are designed to insure that each student will receive a broad background in psychology while at the same time offering opportunities, if desired, to pursue specialization in an interest area. The field of psychology has been undergoing very rapid change. New jobs and programs are constantly evolving. The best source of information about these will be the student's adviser.

Early in the student's career at Milligan, preferably by the end of the first year, the Psychology major (Human Relations, Track One) must fill out a *Degree Plan Sheet* with the Track Chairman. This will be done in triplicate. All copies are to be signed by the student and the Chairman. The student will keep one for future reference, and the others will be filed with the Registrar and Track Chairman. If later the student wishes to change the Degree Plan, he must arrange this revision with the Track Chairman.

- 092. Study Skills Laboratory**—A direct and practical approach to study skills (i.e., study methods, library skills, outlining), individualized to the needs of the student. One semester hour.
- 155. The Psychology of Adjustment**—A study of basic principles of personality adjustment. Emphasis is upon personal application of concepts related to topics such as interpersonal communication, abnormal behavior, self-concept, and social interaction. Three semester hours.
- 250. General Psychology**—An introduction to the discipline of psychology. The study covers the background, methodology, and major findings from each of the major sub-areas of psychology. Three semester hours.
- 252. Developmental Psychology**—A study of the origins of psychological processes and general genetic principles and development of the individual in physical, lingual, social, intellectual, emotional, and personal areas. The course is offered under the direction of either the Psychology or Education areas. Unless the student plans to certify as a teacher, it should be taken under a professor in psychology. In Education: Four semester hours. In Psychology: Three semester hours.
- 259. Experimental Psychology**—A study of research methodologies in psychology with special emphasis upon experimentation. The study covers research planning, experimental design, data collection and analysis, and the construction of models and theories. Laboratory work emphasizes application of these concepts. Prerequisite: Psychology 250 or concurrent enrollment. Three semester hours.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 350. Social Psychology**—A study of the findings of science with regard to the individual in society. Some emphasis is given to research and experimentation. Three semester hours.
- 352. Industrial and Business Psychology**—A study of the practical applications of psychological principles in industry, business, advertising, and the professions. Three semester hours.
- 353. Personality, Motivation, Development, and Assessment**—A course to give students a sound introduction to the scientific study of personality. The basic orientation is substantive and empirical, but some attention is given to theories of personality; learning theories, psychoanalysis, and recent developments in cognitive theory. The course may be substituted for Psychology 358, Abnormal Psychology, as a required course for psychology majors and minors. Prerequisite: Psychology 155. Three semester hours.
- 357. Introduction to the Theory and Practice of Counseling**—A course designed for students to learn about counseling and psychotherapy primarily by practicing the skills that constitute the counseling process. The aim is to utilize class-members for the practical applications and implementation of techniques in therapeutic process, as well as to develop a balanced view of the major concepts of various therapies. Three semester hours.
- 358. Abnormal Psychology**—A careful consideration of the data and principles which have proved helpful in interpreting deviations from normal behavior. Three semester hours.

- 401. Systems and Theories**—An overview of the major systems and theories of contemporary psychology, with in-depth study in areas of specialization, including refresher practicum in statistics and experimentation. Three semester hours.
- 404. Educational Psychology**—A treatment of growth and development of children and adolescents with emphasis on the learning process and the evaluation of the educational program. Three semester hours.
- 405. Theories of Learning**—A study of both the behaviorist and cognitive approaches to issues in learning, memory, and cognition. The course examines issues from both an empirical and theoretical viewpoint and covers applications of learning theory to areas such as clinical and educational psychology. Prerequisite: Psychology 250. Three semester hours.
- 427. Perception and Physiological Psychology**—A study of the various modes of operation of perceptual systems and the physiological mechanisms that underlie behavior and experience. Topics include human information processing, biological bases of learning, memory, and mental disorders, the central nervous system, and sleeping and dreaming. Prerequisites: Psychology 250 and 259. Three semester hours.
- 452. Pastoral Counseling**—An introductory course, primarily for preministerial students, considering the theory and processes of sound counseling and clinical psychology. Three semester hours.
- 454. Introduction to Psychological Testing**—A study of the theory and methods of measuring human behavior, including a survey of representative tests of ability and tests of typical performance. Three semester hours.
- 456. Reading Seminar in Psychology**—Presentations by staff of relevant problems in all areas of psychology and problems involving communication with other disciplines. One to three semester hours.
- 459. Psychology of Christian Consciousness**—A study of "the mind of Christ," from Moses to the present day. If Christ be the definitive human and psychology be the scientific study of human mental life, then the scientific study of the mental life of Christ is the only definitive humanistic psychology. Voegelin, Jaspers, W. Thompson, and Julian Jaynes are contemporary scholars whose work is basic to the course. Three semester hours.
- 490. Special Problems in Psychology**—Supervised independent readings or minor research on selected problems in the field of psychology. Prerequisite: Consent of instructor. One to three semester hours.
- 491. Field Work in Psychology**—Supervised field work in various institutions and agencies, including children's homes, schools, homes for the aging, delinquency and probation programs as well as work with other agencies. Prerequisite: Consent of instructor. Three to six semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SOCIOLOGY AND ANTHROPOLOGY

The sociology and anthropology curriculum emphasizes the principles and applications of sociological knowledge. The major and minor (Human Relations Track II) are designed to insure that each student will receive a broad background in sociology while at the same time offering opportunities, if desired, to pursue specialization in an interest area. New jobs and programs are constantly evolving. The best source of information about these will be the student's advisor or a member of the sociology faculty.

Early in the student's career at Milligan, preferably by the end of the first year, the student interested in sociology should consult with the sociology and anthropology faculty in order to plan his curriculum. Human Relations Track II is designed for the student who wishes a broad view of sociology and anthropology. This track is also for those wishing to continue their preparation in graduate school. Human Relations Track III is designed for students interested in a career in the social services. Field experience is required; students will be placed with a social agency in a local community for a period of time. Track IV is for those who wish to prepare for a career in some facet of youth leadership. This track also requires formal field experience.

SOCIOLOGY

- 201. Introduction to Sociology**—A scientific study of human society and the various means by which individuals and groups adjust to each other and to their physical and social environment. Three semester hours.
- 210. Introduction to Cultural Anthropology**—A study of the dynamics of culture and society; folkways, mores, and institutions and their significance for comprehending the variations in contemporary cultural orientations, customs, and manners. Three semester hours.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 303. Family**—A study of the social significance of the modern American family viewed in the perspective of its cultural heritage. Three semester hours.
- 311. The Sociology of Crime and Delinquency**—A study of the nature of crime and delinquency, including criminal statistics, casual factors, theories, and procedures in prevention, treatment, and corrections. Prerequisite: Sociology 201. Three semester hours.
- 312. Juvenile Delinquency**—An assessment of the nature of the delinquency problem, major sociological causes and their implications for control, and the administration of juvenile justice. There will be field contacts with juvenile counselors and the Johnson City Juvenile Court. Three semester hours.
- 314. Race and Ethnic Relations**—A study of racial and cultural contacts and conflicts, including an analysis of prejudice and discrimination, status and participation of minority groups, and national and international aspects of minority problems. Prerequisite: Sociology 201. Three semester hours.
- 350. Social Psychology**—(See Psychology 350). Does not meet general education requirements for sociology, economics, or government. Three semester hours.
- 360. Problems of Cross-Cultural Communication**—A study of inductive and theoretical analysis of the problems encountered in the communication of ideas across culture boundaries, their basis and origin, their consequences and approaches to overcoming them. Prerequisite: Sociology 201. Three semester hours.
- 401. Sociological Research**—An introduction to the methods of data collecting and analysis and the interpretation of social data. Required of all majors in Track Two. Three semester hours.
- 403. Urban Sociology**—A study of the sociology of urban life, including theories of urban growth, ecology, and dynamics of urban change. Prerequisite: Sociology 201. Three semester hours.
- 413. Seminar in Aging and Retirement**—A study of the life-circle, psychological and physiological changes, adaptation to old age and retirement, and disengagement. Prerequisite: Sociology 201 and 303. Three semester hours.

- 414. **Seminar in Kinship**—A study of anthropological theories and methods in the study of kinship around the world; an inductive analysis based on ethnographic reports. Prerequisite: Sociology 201. Three semester hours.
- 421. **Sociology of Religion**—A study of interactive relationships between religious and other social institutions with special attention to the contemporary American religious scene. Three semester hours.
- 426. **Sociology of Small Groups**—A social-psychological approach to small group dynamics and interaction. Prerequisite: Sociology 201. Three semester hours.
- 451. **Sociological Theory**—A study of the origin and growth of sociological thought, beginning with Comte, Spencer, and LePlay. Special attention will be given to the contemporary developments in sociological theory. Prerequisite: Consent of the instructor. Three semester hours.
- 456. **Reading Seminar in Sociology and Anthropology**—A concentrated program of readings in sociology and anthropology for the advanced student designed to broaden perspectives and to deepen insights. Prerequisite: Consent of the instructor. One to three semester hours.
- 461. **Dynamics of Culture Change**—A study of the identification of the processes of culture change, both internal and external, and critical study of theories offered to account for culture change. Three semester hours.
- 490. **Special Problems in Sociology**—Supervised independent minor research, reading, or experience in group leadership. Prerequisite: Sociology 201 and the consent of instructor. One to six semester hours.
- 491. **Field Work in Sociology**—Supervised field work in various institutions and agencies, including children's homes, homes for the aging, delinquency and probation work, as well as work with other agencies. Prerequisite: Sociology 201 and consent of instructor. Three to six semester hours.
- 495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



THE MILLIGAN COMMUNITY



THE MILLIGAN COMMUNITY

We distinguish those who hold some form of membership in the College as the "Milligan Community." Membership consists of five classifications: trustees, advisors, faculty, students, and alumni. The term "Community" thus refers not to a geographic or social locality but rather to persons sustaining a relationship to one another through their membership in the College. These persons are held together by a common heritage, by common ideals, and by commitment to a common ultimate goal. We speak informally of the association as "the Milligan Family." Experience set in such a community is productive of a common spirit, a deep affection, a mutual trust, and enthusiasm in discharging the responsibilities and enjoying the rewards incident to membership in the college.

The Board of Trustees

The trustees are the members of the College to whom are committed the ownership and oversight of the physical property of the College and the responsibility of electing the officers of administration and of instruction. Upon recommendation of the faculty, they authorize the advancement of candidates to the degree for which they have qualified. The Board of Trustees is self-perpetuating. Members are chosen from the Advisers for their commitment to the purpose of the College.

The Trustees, January, 1980

Robert H. Alexander, Minister, Agoura Hills Christian Church, Agoura, California
Robert E. Banks, *Secretary*, Attorney, Elizabethton, Tennessee
Russell F. Blowers, Minister, East 91st Street Christian Church, Indianapolis, Indiana
James Burleson, Senior Vice President and Senior Trust Officer, Hamilton National Bank, Johnson City, Tennessee
Theodore Cord, Minister, First Christian Church, Granbury, Texas
Jordan Crouch, Executive Vice President and Secretary, Nevada Bankers Association, Reno, Nevada
John Davis, Executive, Delta Airlines, East Point, Georgia
Henry Gruenberg, Retired, North Miami, Florida
Harry J. Guion, Insurance Agent, Indianapolis, Indiana
John Hart, Retired, Johnson City, Tennessee
Howard Hauser, President, Brown and Hauser Auto Sales, Inc., Corning, New York
Ard Hoven, Professor, Kentucky Christian College, Grayson, Kentucky
Steve Lacy, Business Executive, Johnson City, Tennessee
Leslie L. Lumsden, Retired, Punta Gorda, Florida, and Elizabethton, Tennessee
Howard McCorkle, Educational Consultant, Johnson City, Tennessee
Mrs. L. W. McCown, Historian and Church Woman, Johnson City, Tennessee
James H. Magness, President, Forest Hill State Bank, Forest Hill, Maryland
Jack R. Musick, *Treasurer*, Circuit Court Judge, Elizabethton, Tennessee
Mrs. B. D. Phillips, *Chairman*, Educator and Church Woman, Johnson City, Tennessee
W. V. Ramsey, *Vice Chairman*, Merchant, Mountain City, Tennessee
Ralph Small, *Vice President* and Publisher, Standard Publishing Company, Cincinnati, Ohio
Robert L. Taylor, United States District Court Judge, Knoxville, Tennessee
Roy True, Public Accountant, Johnson City, Tennessee
George Walker, Insurance Executive, Canton, Ohio

Trustees Emeriti

Samuel C. Bower, Physician, Mill Hall, Pennsylvania
Jack Covington, Contractor, Winston-Salem, North Carolina
W. H. McDonald, Retired, Johnson City, Tennessee

John U. Phelps, Minister, Clemmons, North Carolina
James L. Tarwater, Executive, Roane Hosiery Mills, Harriman, Tennessee
Frank L. Wiegand, Attorney, Pittsburgh, Pennsylvania

The Advisers, January, 1980

Charles E. Allen, Physician, Johnson City, Tennessee
Sylvan Amstutz, Businessman, Orrville, Ohio
William Anderson, Minister, First Christian Church, Erwin, Tennessee
John Banks, Attorney, Elizabethton, Tennessee
James Barton, Minister, First Christian Church, Nashville, Tennessee
Phil Blowers, Attorney, Indianapolis, Indiana
Clyde Broyles, Jr., Businessman, Elizabethton, Tennessee
H. A. Bullis, Minister, Mountain Christian Church, Joppa, Maryland
Ralph S. Carter, Minister, Cherry Avenue Christian Church, Charlottesville, Virginia
Norman Conner, Minister, First Christian Church, Santa Ana, California
Richard Crabtree, Minister, First Christian Church, Canton, Ohio
Horace Dabney, Central Office Supply Co., Louisville, Kentucky
Glen Daugherty, Minister, Central Christian Church, Greeneville, Tennessee
Cort Davisson, Sales Representative, 3M Business Products, Greenfield, Indiana
Harold DeVault, Businessman, Concord, Tennessee
Robert Elliott, Assistant Superintendent of Schools, Kingsport, Tennessee
Wayne F. Emery, Minister, Central Holston Christian Church, Bristol,
Tennessee
James L. Evans, Minister, Westside Christian Church, East Point, Georgia
W. Edward Fine, Minister of Education, Central Christian Church, St. Petersburg,
Florida
Jack Gilbert, Financial Coordinator, Allison Division, General Motors, Indianapolis,
Indiana
Fred I. Head, U. S. Government Office of Economic Opportunity, Peachtree City,
Georgia
Frank Heiling, Retired, Preston Road Church of Christ, Dallas, Texas
Henry E. Hill, Minister, Downtown Christian Church, Johnson City, Tennessee
Robert L. Huckstep, Quality Control Manager, Sperry Marine Systems, Charlottes-
ville, Virginia
David C. Hughston, Insurance Executive, Brownsville, Texas
Gary Jenkins, Minister, First Christian Church, Aurora, Illinois
E. P. Jones, Executive, Boy Scouts of America, Atlanta, Georgia
Mrs. Sue Kettelson, Church Woman, Indianapolis, Indiana
Robert Kroh, Minister, Central Christian Church, Las Vegas, Nevada
James Landrum, Minister, Northside Christian Church, Bloomington, Indiana
E. Leroy Lawson, Minister, Central Christian Church, Mesa, Arizona
Marshall Leggett, Minister, Broadway Christian Church, Lexington, Kentucky
Jack C. Leimbach, Minister, Church of Christ, Mill Hall, Pennsylvania
John V. Long, Minister, First Christian Church, Brook, Indiana
Kent E. McQuiston, Accountant, Indianapolis, Indiana
David Marler, Chaplain, Veterans Administration, Indianapolis, Indiana
Donald Marshall, Minister, First Christian Church, Elizabethton, Tennessee
Richard Marshall, Minister, First Christian Church, Mountain City, Tennessee
Kenneth A. Meade, Minister, Church of Christ at Manor Woods, Rockville, Maryland
Gordon Mehaffey, Minister, First Christian Church, Dodge City, Kansas
Warren Miller, Physician, Puyallup, Washington
John Mills, Minister, First Church of Christ, Painsville, Ohio
John Newman, Businessman, Louisville, Kentucky
William Norris, Retired, Johnson City, Tennessee
Paul F. Nourse, Minister, First Christian Church, Evansville, Indiana
Mrs. Ann O'Connell, Businesswoman, Las Vegas, Nevada
John R. Pierce, Minister, First Christian Church, Ft. Myers, Florida
Walter Puckett, Minister, Oaklandon Christian Church, Indianapolis, Indiana
David Pugh, Teacher, Howe High School, Indianapolis, Indiana

Robert Robinson, Insurance Executive, Indianapolis, Indiana

Goffery Salyer, Businessman, Elkhorn City, Kentucky

John C. Samples, Minister, Garden Grove Church of Christ, Garden Grove, California

Donald Sams, Minister, Christian Church, High Point, North Carolina

John R. Selders, Minister, Greenford Christian Church, Greenford, Ohio

Mrs. Ruth Settles, Retired, Louisville, Kentucky

Allen Sharp, U. S. District Court Judge, South Bend, Indiana

Robert W. Shaw, Minister, Central Christian Church, Coral Gables, Florida

Ralph Sims, Minister, First Christian Church, Johnson City, Tennessee

Ronald Spotts, Businessman, Beechcreek, Pennsylvania

Max Stucker, Accountant, Chicago, Illinois

Joseph Sutherland, Professor, Emmanuel School of Religion, Johnson City, Tennessee

Laurie Sutherland, Graduate Student, University of Tennessee, Knoxville, Tennessee

Marvin Swiney, *Chairman*, Principal, Mountain Mission School, Grundy, Virginia

Thomas Tatham, Attorney, Miami, Florida

Robert A. Walther, Minister, Perry Christian Church, Canton, Ohio

Miss Paula Welshimer, First Christian Church, Winston-Salem, North Carolina

Jerry Williams, Minister, Ben Davis Christian Church, Indianapolis, Indiana

Harold Zimmerman, Retired, Indianapolis, Indiana

Ron Zimmerman, Senior Purchasing Expeditor, Allison Division, General Motors, Indianapolis, Indiana



PROF. CAROLYN NIPPER, HUMANITIES

FACULTY AND ADMINISTRATION

JESS. W. JOHNSON, President (1966)
B.Th., Northwest Christian College, B.D., Christian Theological Seminary; D.D., Milligan College; University of Oregon; Butler University; Union Theological Seminary; LaSalle University.

DEAN EVEREST WALKER. Chancellor, (1950)
B.A., Tri-State College; M.A., B.D., Butler University; D.D., Milligan College; S.T.D., Kentucky Christian College; Litt.D., Tri-State College; Bethany College; Ohio University; University of Chicago; University of Edinburgh.

KENNETH W. OOSTING, Academic Dean (1976)

A.B. Ed., University of Michigan; M.A., Central Michigan University; Ph.D., University of Minnesota; Muskegon Community College; American University; Michigan State University; University of Colorado; Emmanuel School of Religion.

B. J. MOORE, Business Manager (1965)
B.S., East Tennessee State University

EUGENE H. WIGGINTON, Director of Development (1971)
B.A., Cincinnati Bible Seminary

Administration

BERTRAM S. ALLEN, JR., Assistant Professor of Psychology and Director of Student Life (1979)
B.A., Milligan College; M.A., Ed.D., Lehigh University; University of Maryland; School of Law, University of Richmond.

PHYLLIS DAMPIER FONTAINE, Registrar and Director of Admissions (1963)
B.S., M.A., East Tennessee State University; Milligan College.

LAWRENCE E. HUFF, Financial Aid Officer (1973)
B.A., Milligan College; Emmanuel School of Religion.

RODNEY D. IRVIN, Director of Communications (1972)
B.A., Milligan College; M.S., University of Tennessee.

KENNETH JOHNSTON, Director of Church Relations (1972)
B.Th., D.D., Northwest Christian College; Oregon College of Education; Butler School of Religion.

JOE P. McCORMICK, Assistant to the President (1956)
B.S., L.L.D., Milligan College.

JOHN W. NETH, Director of the P.H. Welshimer Library (1953-58, 1962)
B.S., Bethany College; M.A., Butler University; B.D., Christian Theological Seminary; M.A. in L.S., Peabody College for Teachers; University of Santo Thomas (P.I.); George Washington University; Western Reserve University.

Professors

PAULA A. CLARK, Chairman, Area of Professional Learning, Professor of Education, and Director of Teacher Education (1965)
B.A., Harding College; M.A., East Tennessee State University; Ed.D., University of Kentucky.

ORVEL C. CROWDER, Chairman, Area of Social Learning and Professor of Psychology and Bible (1957)
B.A., Hiram College; M.A., Cincinnati Bible Seminary; Th.B., Harvard University; D.D., Atlanta Christian College; University of Tennessee

ROBERT O. FIFE, Professor at Large (1954)
B.A., Johnson Bible College; B.D., Butler University; Ph.D., Indiana University; University of Glasgow.

- WILLIAM C. GWALTNEY, JR., Chairman, Area of Humane Learning and Professor of Bible (1964)
Th.B., Cincinnati Bible Seminary; B.A., Wilmington College; Ph.D., Hebrew Union College; University of Cincinnati; University of Chicago; Oriental Institute.
- HOWARD A. HAYES, Professor Emeritus of Bible (1967)
B.A., Milligan College; B.D., School of Religion, Butler University; M.A., Butler University; S.T.M., D.Min., Vanderbilt University.
- DENNIS HELSABECK, Professor Emeritus of Counseling (1963)
B.A., Johnson Bible College; M.A., University of Michigan; B.D., Butler University; Ph.D., University of Wisconsin; Ball University; College of the Bible.
- IVOR JONES, Professor Emeritus of History (1942)
B.A., Milligan College; M.A., University of Tennessee; Columbia University; George Peabody College; Duke University; Oxford University.
- EDDIE LEACH, Chairman, Area of Scientific Learning and Professor of Biology (1969)
B.A., M.A., Baylor University; Ph.D., Texas A&M University.
- JOHN L. MORRISON, Professor of Education (1968)
B.Th., San Jose Bible College; A.B., M.A., San Jose State College; Ph.D., Stanford University; Cambridge University.
- KENNETH W. OOSTING, Academic Dean and Professor of History and Political Science (1976)
A.B. Ed., University of Michigan; M.A., Central Michigan University; Ph.D., University of Minnesota; Muskegon Community College; American University; Michigan State University; University of Colorado.
- EUGENE P. PRICE, Chairman, Area of Professional Learning and Professor of Business Administration (1949)
B.A., M.A., Duke University; Harvard University.
- JAMES L. SHIELDS, Professor of Education and Director of Student Teaching (1959)
B.Sc.in Ed., University of Southern California; B.A., M.A., Pacific Christian College; M.A., University of California, Long Beach; Ed.D., University of Tennessee; Talent Education Institute, Matsumoto, Japan; East Tennessee State University.
- LONE L. SISK, Professor Emeritus of Chemistry (1948)
B.A., Carson-Newman College; B.S., East Tennessee State College; M.A., George Peabody College; D.Sc., Milligan College; University of Tennessee; Vanderbilt University.
- HAZEL TURBEVILLE, Professor Emeritus of Secretarial Science (1950)
B.A., Western State Teachers College; M.A., University of Kentucky; Ed.S., George Peabody College; Bowling Green Business University.
- DUARD B. WALKER, Professor of Health and Physical Education (1951)
B.A. and B.S. in Physical Education, Milligan College; M.A., Teachers College, Columbia University; University of Tennessee.
- HENRY E. WEBB, Chairman, Area of Biblical Learning and Dean E. Walker Professor of Church History (1950)
B.A., Cincinnati Bible Seminary; Ph.B., Xavier University; B.D., Ph.D., Southern Baptist Theological Seminary; Butler University; Union Theological Seminary; Oxford University.
- C. ROBERT WETZEL, Professor of Philosophy (1961)
B.A., Midwest Christian College; M.S., Fort Hays Kansas State College; Ph.D., University of Nebraska; University of Cambridge.

Associate Professors

- JAMES BALCH, Associate Professor of Mathematics (1972)
B.A., Arkansas College; M.S., Ed.D., Oklahoma State University.

- PATRICIA JANE BONNER, Associate Professor of Health and Physical Education (1966)
B.A., Milligan College; M.E., University of Arizona; M.R.E., Emmanuel School of Religion; Ed.S., George Peabody College for Teachers; Ed.D., Highland University; San Fernando State College; Fullerton State College; Pepperdine College; University of Colorado; University of California at Los Angeles.
- ROWENA BOWERS, Associate Professor of Health and Physical Education (1958)
B.S., M.A., East Tennessee State University; University of Tennessee.
- JEANNETTE E. CROSSWHITE, Associate Professor of Music (1967)
B.M.E., Longwood College; B.C.M., M.C.M., Southern Baptist Theological Seminary; Memphis State University.
- TERRY J. DIBBLE, Associate Professor of English (1971)
B.S., M.S., Fort Hays Kansas State College; Ph.D., University of Nebraska.
- JOHN DOWD, Associate Professor of Music (1963-67, 1969)
B.M., M.M., New England Conservatory of Music; Ph.D., University of West Virginia; Boston University; University of Tampa.
- CHARLES W. GEE, Associate Professor of Biology and Education (1967)
B.S., University of Wisconsin; M.S., Oklahoma State University; Ph.D., Michigan State University; University of South Carolina.
- ROBERT B. HALL, Associate Professor of Sociology (1967)
B.A., Cincinnati Bible Seminary; B.S., M.A., Butler University; M.A., East Tennessee State University; Ph.D., University of Tennessee; Southern Baptist Theological Seminary; Vanderbilt University; University of Chattanooga; Harvard University.
- JUANITA JONES, Associate Professor of English (1968)
B.A., Milligan College; M.A., University of Tennessee; East Tennessee State University; University of Chicago.
- RICHARD D. LURA, Associate Professor of Chemistry (1971)
B.A., University of Wisconsin; Ph.D., Iowa State University.
- EDWIN S. NELSON, Associate Professor of Bible (1974)
B.A., Platte Valley Bible College; M.Div., Lincoln Christian Seminary; M.Th., Gordon Conwell Theological Seminary; Colorado State College; Harding Graduate School of Religion; Boston University.
- CAROLYN NIPPER, Associate Professor of English (1966)
B.A., Milligan College; M.A., University of Tennessee; University of Kentucky.
- EUGENE NIX, Associate Professor of Chemistry (1967)
B.S., M.S., Ed.D., University of Georgia; West Georgia College; Fort Hays Kansas State College; Oak Ridge Associated University.
- EUEL J. OWNBY, Associate Professor of Education (1961)
B.A., Carson-Newman College; M.A., George Peabody College; Ed.D., University of Tennessee.
- RICHARD PHILLIPS, Associate Professor of Bible (1967)
B.A., Th.M., Lincoln Christian College; M. Div., Christian Theological Seminary; M.A., Butler University; Ph.D., Vanderbilt University; J.D., University of Tennessee.
- IRA READ, Associate Professor of History (1967)
B.A., Milligan College; M.A., Ph.D., Emory University.
- BILL W. RHOADES, Associate Professor of Business Administration (1979)
B.S., University of Missouri, Certified Public Accountant.
- DAVID C. RUNNER, Associate Professor of Music (1972)
B.Mus., Boise State University; M.Mus., D.M.A., Eastman School of Music, University of Rochester.

- DONALD SHAFFER, Associate Professor of German (1963-68, 1973)
B.A., Albion College; M.A., Ph.D., Indiana University; Michigan State University;
Cincinnati Bible Seminary; East Tennessee State University; University Ham-
burg.
- B. HAROLD STOUT, Associate Professor of Health and Physical Education (1958)
B.S., East Tennessee State University; M.S., University of Tennessee; Ed.D.,
East Tennessee State University.
- EARL STUCKENBRUCK, Associate Professor of Bible (1951-52, 1968)
B.A., University of Kansas; B.D., Butler University; University of Birmingham,
England; University of Tuebingen, Germany.
- GARY O. WALLACE, Associate Professor of Biology (1967-68, 1971)
B.S., Austin Peay State College; M.S., Ph.D., University of Tennessee.
- CAROLYN WOOLARD, Associate Professor of French (1972)
B.A., Bridgewater College; M.A., University of Kentucky; Universite de Stras-
bourg.
- WILLIAM H. WRIGHT, Associate Professor of Art (1973)
B.F.A., M.F.A., University of Kansas.

Assistant Professors

- SUE ABEGGLEN, Assistant Professor of Education (1977)
A.B., Lincoln Christian College; B.S., M.S., Indiana University; Memphis State
University.
- BERTRAM S. ALLEN, JR., Assistant Professor of Psychology and Director of
Student Life (1979)
B.A., Milligan College; M.A., Ed.D., Lehigh University; University of Maryland;
School of Law, University of Richmond.
- ANNA MAY CROWDER, Assistant Professor of English (1965)
A.B., B.M., Oklahoma College for Women; M.A., East Tennessee State Univer-
sity; University of Arkansas; University of California; Christian Choral School
(Chicago); Columbia University.
- SUSAN GAYLE HIGGINS, Assistant Professor of Sociology (1977)
B.A., Lincoln Christian College; M.A., Ph.D., Indiana University.
- JACK L. KNOWLES, Assistant Professor of English (1970)
B.A., Milligan College; M.A., University of Tennessee; Ohio State University.
- JANICE F. HUANG, Assistant Professor of Mathematics (1979)
A.B., Pembroke College in Brown University; M.A., University of Illinois; Milligan
College.
- VIRGINIA LAWS, Assistant Professor of Secretarial Science (1974)
B.S., Milligan College; M.A., East Tennessee State University.
- DAVID A. MacKENZIE, Assistant Professor of Music (1977)
B.M., University of Tennessee; M.M., M.M.A., Yale University School of Music.
- WAYNE E. MILLER, Assistant Professor of Business Administration (1975)
B.S., East Tennessee State University; M.A., University of Kentucky.
- JOHN C. WAKEFIELD, Assistant Professor of Music (1974)
B.A., MacMurray College; M.M., Northwestern University; Yale University School
of Music.
- PHILLIP A. WORRELL, Assistant Professor of Physical Education (1969)
B.S., Milligan College; M.S., Indiana State College; Butler University; Kent State
University.

Support Personnel

- Paul Bader, Student Enlistment Officer and Student Union Building Manager
Sam Combs, Director of Food Operations

Glenn R. Davis, Comptroller
Buford Deaton, Director of Encounter Ministries
Chuck King, Superintendent of Buildings and Grounds
Opal Lyons, L.P.N., Campus Nurse
Mark Richardson, Student Enlistment Officer
Robert Williams, Student Enlistment Officer

Endowment Funds of Milligan College

Milligan College is a church-related, liberal arts college. It is dedicated to high scholarship and Christian character. It receives its income from endowments, gifts, and student fees. It is not a tax-supported school.

The following Endowment Funds, Trust Funds, and Memorial Funds have been established in Milligan College.

Named Funds

The Hoover-Price Trust Fund
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The Corinna Smithson Cashman Fund
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The Thomas Wilkinson Memorial Fund
The E. E. Linthicum Memorial Fund
The Elizabethton Endowment Fund
The Ministerial Scholarship Fund of the Erwin Christian Church
The Milligan College Building and Endowment Fund
The McCowan Fund
The Perry L. Gould Memorial Fund
The L. G. Runk Endowment Fund
The Milligan Alumni Endowment Fund
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The McCormick Fund
The Florence Ley Walker Memorial Fund
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The Milligan College Memorial Foundation
The Barbara Mains Memorial Fund
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The B. D. Phillips Fund
The Milligan College Cemetery Association
The George Iverson Baker Memorial Fund
The Anna Lucas Kennedy Fund
The Sam J. Hyder Memorial Fund
The Ada Bennett Memorial Fund
The A. F. Cochran Memorial Fund
The Stewart-Roberts Fund
The Arthur H. Miller Memorial Fund
The Mary Hardin McCowan Living Endowment Fund

The Dorothy S. Wilson Memorial Fund
The Clarence and Lela Anderson Brumit Memorial Fund
The Guy and Rhea Oakes Memorial Fund
The Evangeline K. Lucas Memorial Fund
The Joseph R. Crandall Memorial Fund
The Myrtle C. King Memorial Fund
The Lone L. Sisk Endowment Fund
The Mr. and Mrs. Fred Proffitt Memorial Fund
The Dr. Charles E. and Florence A. Burns Memorial Fund
The Dr. H. O. Bowling Memorial Fund
The Ira and Irene Atkinson Memorial Fund
The John C. Paty, Sr., Memorial Fund
The James H. Smith Memorial Fund
The Herschell J. Springfield Memorial Fund
The Dora D. Shoun Memorial Fund
The Clyde Ratliff Memorial Fund
The Virginia Burns Elder Memorial Fund
The Edgar Ralph Turner Memorial Fund
The W. Sylvester Hughes Endowment Fund
The 1968 Class Fund
The 1976 Class Fund
The 1977 Class Fund
The Mrs. William Butler Van Hook Memorial Fund
The William E. and William R. Clem Endowment Fund
The 1978 Class Fund
The John L. Kuhn Memorial Fund
The William E. Axamethy Memorial Fund
The Aileen V. Ellis Memorial Fund
The Edna L. Hedges Memorial Fund
The Clyde and Hassie Ann Smith Memorial Fund
The Carl C. Monin Memorial Fund
The Harry A. Smith Memorial Fund

It is hoped that through the years many other funds may be established. Anyone wishing to establish such a fund should write to the President of the College.

Living Link Relationship

Christian churches which contribute \$3,000 or more annually to the general fund of Milligan College are eligible to select one of the professors of the college as the living-link Christian educator of that congregation.

Sharing in this special relationship are:

Christian Church, Brownsburg, Indiana; Plainfield Christian Church, Plainfield, Indiana—Dr. Robert O. Fife

East 91st Street Christian Church, Indianapolis, Indiana—Dr. C. Robert Wetzel

First Christian Church, Johnson City, Tennessee—Dr. John L. Morrison

First Christian Church, Chicago, Illinois; THE DEAN E. WALKER CHAIR OF CHURCH HISTORY—Dr. Henry E. Webb

First Christian Church, Erwin, Tennessee—THE FRANK H. KNIGHT CHAIR OF ECONOMICS AND BUSINESS—Professor Eugene P. Price

Churches desiring information concerning this program may write to the President of the College.

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MILLIGAN COLLEGE CALENDAR

Fall Semester, 1980

Dorms Open to Freshmen	August 23
Conference for Parents of Freshmen	August 23
Freshmen Orientation	August 23-26
Faculty Conference	August 25
Dorms Open to Upperclassmen	August 25
Registration (Upperclassmen)	August 26
Registration (Freshmen and Transfers)	August 27
Classes Begin	August 28
Matriculation	August 29
Freshmen and Transfers Reception	August 29
Fall Break	5:00 p.m., October 8 to 8:00 a.m., October 14
Alumni Weekend	November 14-15
Thanksgiving Holidays	5:00 p.m., November 26 to 8:00 a.m., December 1
Last Day of Classes	December 15
Final Examinations	December 16-18

Spring Semester, 1981

New Student Orientation	January 12
Registration	January 13, 14
Classes Begin	January 15
Spring Break	Noon, March 13 to 8:00 a.m., March 23
Awards Dinner	April 30
Final Examinations	May 11-14
Baccalaureate and Commencement	May 17

Summer Session, 1981

Registration	June 8
First Term Classes	June 8 - July 8
Independence Day, No Classes	July 4
Second Term Classes	July 9 - August 7



Milligan College

CATALOG 1981-1982

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Milligan College holds full membership in the following accrediting agencies and professional organizations:

- American Association of Colleges for Teacher Education
- Association of American Colleges
- Association of Intercollegiate Athletics for Women
- Association for Schools, Colleges, and University Staffing
- Christian College Coalition
- College Placement Council
- Council for the Advancement of Small Colleges
- Council of Protestant Colleges
- National Association of Intercollegiate Athletics
- National Council for the Accreditation of Teacher Education
- Southern Association of Colleges and Schools
- Tennessee College Association
- Tennessee College Public Relations Association
- Tennessee College Women's Sports Federation
- Tennessee Independent Colleges Fund
- Tennessee Intercollegiate Athletic Conference
- Volunteer State Athletic Conference

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NATURE OF THE COLLEGE



HERITAGE

Milligan College is located in Upper East Tennessee in the territory that was once the lost state of Franklin, an area rich in history and tradition.

At Sycamore Shoals, near the campus, the Watauga Association adopted a constitution providing for self-government, prior to the Declaration of Independence. A few miles from the College, American troops assembled for the famed march to the Battle of King's Mountain which proved to be the turning point in the American Revolution. Toward the west are the homes of General John Sevier and Colonel John Tipton, early heroes of the Volunteer State. Jonesboro, the first capital of Tennessee, is some ten miles west of the campus. Rocky Mount, the original capital of the Southwest Territory, is some ten miles north of the campus. The homes and land of two of Tennessee's great governors, Robert and Alfred Taylor, are adjacent to the campus.

In the third decade of the nineteenth century, freedom-loving people introduced the Restoration principle into the religious life of the area. Milligan College owes its beginnings to the school conducted in the old Buffalo Church which is now the Hopwood Memorial Church.

On December 10, 1866, Buffalo Male and Female Institute, under the leadership of Wilson G. Barker, was chartered by the State of Tennessee. A building was constructed, and instruction was begun the next year. In 1875 the leadership of this academy was transferred to Josephus Hopwood, a native of Kentucky.

In 1881 he laid the cornerstone for an expanded building. At the same time he announced the elevation of the institute to collegiate rank and the new name, Milligan College. This name was chosen to honor Professor Robert Milligan of Kentucky University (Transylvania), whom President Hopwood regarded as the embodiment of Christian scholarship and Christian gentility.

President Hopwood sought to establish a four-fold program in the College. He looked to the physical sciences as the source of man's conquest of the earth. He regarded history, philosophy, and the social studies as the source of human self-knowledge and self-government. He thought of professional and vocational education as the means of sustaining a free social order and of reducing scientific knowledge to the service of men in material civilization. He accepted a knowledge of revelation and the possession of Christian faith as the necessary control through which mankind could establish and maintain a culture in blending the first three. To this end he adopted the motto, "Christian Education—the Hope of the World."

President Hopwood continued in the presidency until 1903 when he left Milligan to found a college in Virginia. Dr. Henry Garrett, a member of the faculty, was elevated to the presidency.

Upon President Garrett's resignation in 1908 Dr. Frederick D. Kershner, president of the American University, Harriman, Tennessee, was elected to the presidency. Dr. Kershner was a brilliant young scholar and was soon to be in demand by a larger institution. In 1911 he left Milligan to assume the presidency of Texas Christian University.

From 1911 to 1915 the College was under the leadership of three different men: Tyler E. Utterback, Everett W. McDiarmid, and James T. McKissick.

In 1915 Dr. Hopwood, who had completed the founding of colleges in Virginia and Georgia since leaving Milligan in 1903, returned for a two-year ad-interim presidency.

In 1917 Henry J. Derthick was inaugurated as the eighth president of Milligan. During this period Milligan College, with the support of many patrons living a considerable distance from the campus, served many young people from the Southern Highlands. The campus was expanded to some sixty acres, and the facilities of the College were increased. The Administration Building was rebuilt after a fire; Pardee Hall was built as a dormitory for men; Cheek Activity Building was

4—Heritage

constructed for recreational purposes; and a number of smaller buildings were added. Dr. Derthick succeeded in bringing the College through World War I and the Great Depression, preserving the academic integrity and quality of the College.

Dean Charles E. Burns succeeded to the presidency in 1940, just prior to the American entrance into the Second World War. In the crisis of that period, Milligan offered its entire facilities to the United States Government. From July of 1943 to the spring of 1945 a Navy V-12 program was conducted. Milligan was the only college in the United States given over completely to a Navy program.

The civilian work of the College was resumed under the presidency of Virgil Elliott in 1945. Two major problems confronted the College at this time. The breaking of ties with alumni and friends during the Second World War proved to be a serious handicap. No less difficult was the task of assisting a large number of ex-GI's to effect a transition from military to civilian life.

Dr. Dean E. Walker came to the presidency in January 1950 from a twenty-five year professorship in the Butler University School of Religion. Recognizing the need of the small college to play an increasingly large part in the educational program of our land, the College adopted a long-range development program. Students were enlisted from a larger area, encompassing most of the States and several foreign countries. A financial program was undertaken to stabilize the College; the endowment was increased; existing buildings were renovated and newly furnished; new patrons were sought for the College; the curriculum was expanded; and higher faculty standards were established.

During Dr. Walker's administration the campus was expanded to more than 135 acres of land. New buildings added included the Student Union Building, Sutton Hall, Webb Hall, the P. H. Welshimer Memorial Library, the Seeger Memorial Chapel, and Hart Hall.

On November 1, 1960 Milligan received the Quality Improvement Award administered by the Association of American Colleges for the United States Steel Foundation. On December 1, 1960 Milligan was admitted with full accreditation into membership in the Southern Association of Colleges and Schools.

In June 1968 Dr. Jess W. Johnson, having served in the capacity of Executive Vice-President for two years, was elevated to the presidency of the College on the retirement of President Dean E. Walker, who became the Chancellor of the College. The campus has continued to develop under Dr. Johnson's leadership. The Faculty Office Building was built in 1969, and the Science Building was dedicated in May 1972. In November of 1976 the Steve Lacy Field House was completed.

Throughout her history Milligan has maintained an active relationship to a religious movement committed to the restoration of new Testament Christianity. The Christian people participating in this movement consistently disclaim denominational status, and the faculty and trustees of the College maintain an intelligent awareness of a commitment to this position. The members of Milligan feel that such a non-denominational position permits them to examine all aspects of life, secular and religious, in the light of the New Testament, unrestricted by human tradition. In this view of Christian faith, all vocations, avocations, and associations permitting the exercise of fellowship under the Lordship of Christ are expressions of good citizenship under God, in state, in church, and in society. In Milligan tradition the student is confronted with a synthesis of learning regarded by the College as essential to his understanding of and personal responsibility in his various relationships in life for the stewardship of which he must give account before God and his fellowmen.

CHARACTER

The Milligan tradition is expressed in the motto "Christian Education—the Hope of the World." The curriculum includes a study of the Holy Scriptures as a requirement for the bachelor's degree. This requirement derives from the belief that God is



revealed in His only begotten Son, Jesus, the Christ. This belief gives meaning to human life and is the only force of sufficient moral strength to create educational ideals of the highest order and to inspire the integrity to achieve them.

Milligan College has been co-educational from the beginning of its history. This policy rests upon the conviction that the problems of the entire social order are better solved when men and women share alike in basic knowledge.

It is a distinguishing characteristic of Milligan College that Biblical data is introduced into the content of each course taught. Such teaching is assured by the selection of a faculty in cordial sympathy with this view. A primary objective is to include Christian understanding and practice in the total of life's attitudes and activities.

It is a further significant characteristic that Milligan believes this objective obtainable through the presentation of the data of Christianity in its original form, the New Testament. Accordingly, no denominational or creedal tests are imposed upon any student in admission to membership in Milligan College or in the attainment of any of its honors, awards, or degrees.

The liberal arts are defined in Milligan College as those studies and disciplines through which the spirit of man is freed and further endowed with moral power. The study of these arts is thus essential to the attainment and maintenance of a civilization of free men. The concept of freedom can be held only by those individuals who recognize the dignity and sanctity of human life. The possessor of that life, however, can enjoy the highest potential only through the disciplines of sound learning. It is this learning which gives direction and meaning to life through time into eternity. A personality so equipped is the master of skills and facts, is never dominated by them, and uses them for the service of mankind and of God.

Thus, the purpose of liberal education is the development of persons to whom may safely be entrusted the vast scientific and technical knowledge and skill developed by research.

Such a program includes more than the pursuit of "secular" studies in a "Christian atmosphere." It contemplates the inter-penetration of the three great bodies of learning: the realm of nature, the realm of humanity, and the realm of divinity. The practical application of the resultant synthesis in both vocational and leisure activities characterizes the life of a truly educated man.

Another characteristic of Milligan College is the sense of obligation assumed by the faculty. Applicants for admission to membership in Milligan are considered in the light of this searching question: "What can we do for this student?" Therefore, with regard to each applicant who possesses adequate secondary education and expresses an acceptance of the approach described above, the College addresses itself to this question: "Has Milligan sufficient facilities and understanding to realize the end product envisioned?"

Membership in Milligan College consists of those who sustain a relationship in one of the following categories: the Board of Trustees, the Board of Advisers, the Administration, the Faculty, the Student Body, and the Alumni. This membership is a privilege conferred by the Institution and involves reciprocal responsibilities and concerns. Admission to membership in any one of the divisions is extended by the College at its discretion through established channels.

Admission to membership in Milligan College carries with it a pledge of responsibility by the student that he will subject himself to the rigorous discipline of the above program. Men and women who choose to decline this responsibility forfeit the privilege of membership in the College.

SPECIFIC OBJECTIVES

Since its beginning Milligan College has sought for each student the following objectives:

A Positive, Personal Christian Faith That Jesus Is Lord and Saviour.

The expression "Jesus is Lord and Saviour" is to be understood in the historical Biblical significance. Jesus, the Man of Nazareth, is God's Son, therefore, both Saviour and Lord of Life. The attainment of positive, personal Christian faith means the commitment of the life to this Jesus.

An Insight Into Christian Ethics to Guide the Conduct of His Life.

This involves a recognition of the norms of human conduct that derive their sanction from the Christian faith.

The Capacity to Recognize and Assume His Responsibility in Society.

One of the main functions of education is to arouse within the individual an awareness of his indebtedness to his fellowmen, to foster a desire on his part to assume his responsibility, and to prepare him to fulfill his obligation to society.

The Knowledge, Meaning, and Application of Sound Scholarship.

The student is led to develop a respect and enthusiasm for sound scholarship, such as will inspire him to seek it with diligence and perseverance.

Preparation for Securing for Himself and His Family a Comfortable Standard of Living.

This may be accomplished through training in personal and public health, courses of study designed to develop the quality of aesthetic appreciation, a background of basic liberal arts courses, plus the selection of a field of interest which will provide an adequate livelihood.

Participation in Wholesome Recreational Activities.

Participation in wholesome recreational activities is a worthwhile experience to the individual who participates. This may be accomplished through intramural sports, intercollegiate sports, dormitory living, student union fellowship, and student-initiated recreational activities.

STUDENT LIFE

Residence

Milligan students not living with their parents, grandparents, married brother or sister or spouse are required to live in a College dormitory. Maintenance or use of any separate quarters is expressly forbidden. Violation of this regulation will subject the student to suspension.

Dormitory rooms are equipped with all necessary furniture. Students supply blankets, pillows, bedspreads, curtains, rugs, study lamps, and accessories.

The College reserves the right to inspect dormitory rooms at all times. The College may, if and when necessary, search dormitory rooms at the direction of the Director of Student Life. The rooms are subject to spot checks by the Resident. The Dormitory Resident will be required to approve the use and condition of each room.

Students are responsible for the use and condition of their rooms. Damage to the room or its furnishings will be assessed to the occupants of the room.

All residence halls and the dining hall are closed during college vacations. Students will not be permitted to stay on campus during these periods.

Married Student Housing

Milligan College has available thirty-two apartments for married students. These are two-bedroom units. They are totally electric, including heating and air-conditioning. All of the apartments are equipped with kitchen appliances and carpeting. The units are unfurnished. Additional information may be obtained by contacting the Director of Student Life.

Conduct

Milligan College is intent upon integrating Christian faith with scholarship and life. Because of this Christian commitment, Milligan College values the integrity of each individual. However, the action of each person affects the whole community. During attendance at Milligan each student is considered a representative of the College whether he is on or off the campus. The College, therefore, reserves the right to refuse, suspend, or dismiss any student. Public disclosure of reasons shall be at the discretion of the President.

Among the rules of conduct enforced by the College, the following are called to the student's attention:

1. Individual or collective student enterprises which use the College name or involve the absence of the participants from the College must receive the official sanction of the College Administration.
2. Dishonesty in examinations, in class work, or in any other aspect of college life is regarded as a serious offense. Examples are taking library books without checking them out, taking credit for work which is not one's own, and giving false information to another member of the community.
3. Milligan College has a deep concern for the present and future health of its students. It particularly is concerned with the serious problems and consequences related to the use of alcoholic beverages and illegal drugs. Therefore, the use of alcoholic beverages or illegal drugs by a Milligan student, whether on the campus or away, will subject the student to disciplinary action, suspension or dismissal.
4. Social dancing is not a part of the Milligan tradition.
5. The use of tobacco is discouraged for health reasons. The use of tobacco is restricted to designated areas of the campus.



Automobile

The privilege of using an automobile is granted to all students. The College will not be responsible for any personal or public liability growing out of the student's use or possession of the car on or off campus.

An automobile registration fee of \$7.50 per semester will be charged.

Rules governing student use of motor vehicles are determined and administered by the Student Government, assisted by the Director of Student Life.

Social Activities

All social activities should first be approved by the faculty sponsor and then entered on the College Master Calendar in the office of the Academic Dean. All such activities will be attended by the faculty sponsors of the organization involved. The College seeks to encourage the development of an active and meaningful social life for all students.

Dormitories

The Resident in each dormitory, in conference with the dormitory council, helps create an atmosphere which is most conducive to the best community life in the dormitory. The Resident is assisted by Resident Assistants who are part of the staff of the Director of Student Life. General dormitory regulations are the responsibility of the dormitory councils in cooperation with the Director's staff.

Friendship

The visitor to the Milligan campus invariably notices the friendliness and the spirit of comradeship which characterize the entire Milligan circle, faculty and students alike. Each student has an adviser. This experienced faculty member is concerned not only that the student excel academically but also that he benefit from the opportunities afforded by a small college environment.

Provision for a well-rounded social life receives special attention. Recreational and social activities are planned by student committees working with the faculty. Initiative in student participation is encouraged.

The cultivation of high ideals and good habits, together with their expression in social poise and consideration for others, is a major concern.

Since faculty members regard each student as a younger friend, individual counsel and other friendly help are always available to each student. We speak of "membership" in Milligan College rather than "attending" Milligan College.

Health

Milligan takes every reasonable precaution to prevent accidents and illness.

The services of a nurse are provided in a clinic on the campus to care for minor ailments and any emergency. Students are expected to report at once to the college nurse any accidents or illness. When necessary, referral is made to local physicians.

The College cannot assume financial liability for off-campus physician and hospital services. Most families are protected today for medical and hospital claims through special insurance programs. For those not so covered, the College will offer assistance in arranging an insurance program through a reliable insurance company; otherwise, the parents must provide a statement releasing the College from financial responsibility. All students participating in inter-collegiate athletics are required to show coverage in an accident and hospitalization program.

Mental and social health are also a concern of the College. The Director of Student Life is available for some counseling in these areas. In addition the services of area mental health facilities can be utilized. However, the College is not equipped to promote long-range, in-depth psychoanalytic or psychiatric care.

Religious Life

Regular church attendance is encouraged of all Milligan students. Opportunities for worship are provided on campus each Sunday in Seeger Memorial Chapel and the Hopwood Memorial Christian Church and off campus in many churches in the area. Students find opportunities for service as well as wide fellowship through both city and rural churches in the vicinity of the College. Regular convocation services are conducted in the chapel by the College twice a week.

The student has many opportunities to develop his prayer and devotional life. There are several churches in the area which have mid-week services. Many students close their day's activities in small prayer groups in the dormitories. More formal prayer services are held frequently in the dormitories and in Seeger Memorial Chapel. The William E. Sweeney Memorial Chapel in Seeger Memorial Chapel provides a quiet place for devotions and meditations during the day and at vespers.

Participation in the Christian Service Club is open to all students. This organization meets the first Monday of each month. It also sponsors informal vesper services. The aim of the club is expressed in the motto: "Fellowship of Christian Outreach." There are seven specific areas of outreach: 1) the Milligan family, 2) low-rent housing areas, 3) East Tennessee Children's Home, 4) Appalachian Christian Village, 5) convalescent homes, 6) radio programs, and 7) gospel teams. There are also discussion sessions at different times during the week which help the students get to know one another in Christian love.

The Association of Christian Ministries is an organization of ministerial students and members of the faculty who are ministers. The meetings of the Association are designed to present the challenges and opportunities of the Christian ministry.

The Missions Club is an organization of all students interested in the missionary work of the church, both at home and abroad. The club seeks to disseminate information about the various mission fields and the recruitment of missionaries.

Representative Organizations

Operating under a constitution approved by the Administration of the College, the Student Government Association serves as the official representative voice of Milligan students and promotes academic, social, and religious activities for the campus community.

The Student Government Association consists of the following elected members: president, vice president, secretary, treasurer, the president of each class, four other representatives from each class (two female and two male), dormitory presidents, commuter president, and two commuter representatives.

The Dormitory Councils are organizations responsible for community life in the dormitories.

Music

In recent years the musical activities of Milligan College have received national recognition. The Milligan College Concert Choir, observing professional standards of concert literature, has traveled widely in the United States and England. This group includes appearances in high schools, churches, and church conventions in its annual tour.

The Milligan Men and the Women's Chorus are devoted to the study and performance of great musical literature of all centuries. They present programs at many local functions.

The Chamber Singers is a small group of selected voices. Various performance experiences include the annual Madrigal Dinners.

The Thomas F. Staley Distinguished Christian Scholar Lecture Series

Each year the Thomas F. Staley Foundation sponsors the Staley Distinguished Christian Scholar Lecture Series. The Foundation is firmly persuaded that the message of the Christian Gospel, when proclaimed in its historic fullness is always contemporary, relevant, and meaningful to any generation. Past lecturers have included Dr. James H. Jauncey, Dr. Edwin Orr, Dr. Elton Trueblood, Dr. Arthur F. Glasser, Dr. George K. Schweitzer, Dr. S. Scott Bartchy, Dr. Calvin Thielman, Dr. Oswald Hoffman, Dr. Calvin Malefyt, Dr. Anthony Campolo, and Dr. Bruce M. Metzger.

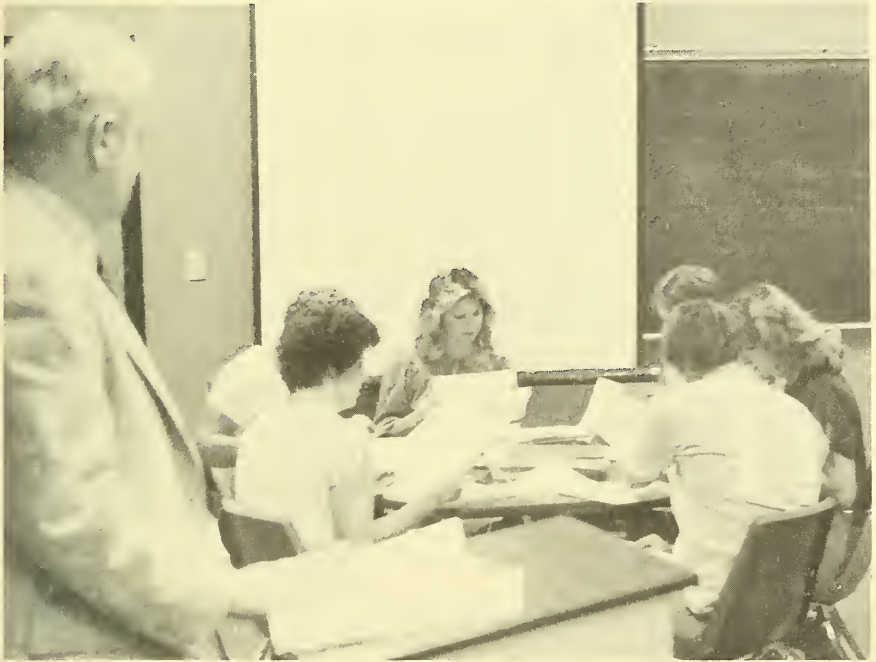
The P. H. Welshimer Lectures

The P. H. Welshimer Lectures have been established by Mildred Welshimer Phillips and Ralph Welshimer in memory of their father, the late Dr. P. H. Welshimer, Canton, Ohio.

The Welshimer Lectures, in addition to perpetuating the memory of Dr. Welshimer, are intended to develop creative thought in the fields of New Testament Christianity and the Restoration Movement to which Dr. Welshimer dedicated his life.

Since its founding in 1958 the lecturers for this series have been:

1958	W. R. Walker	1972	Joseph H. Dampier
1959	Ard Hoven	1973	Mildred Welshimer Phillips
1961	R. M. Bell	1974	Milligan College Faculty
1963	James H. Jauncey	1975	Clarence Greenleaf
1964	J. D. Murch	1977	David Thompson
1966	Marshall Leggett	1978	Perry Gresham
1967	John Baird	1979	Mildred Welshimer Phillips
1968	James G. Van Buren	1980	Robert W. Burns



Publications

Students interested in journalism or creative writing may find an opportunity for self-expression through the medium of several publications of the College: the College newspaper, *The Stampede*; the yearbook of the College, *The Buffalo*, which presents a pictorial history of the year's activities; and the College literary magazine, *Helicon*, which accepts original work from students and faculty.

Professional, Social, and Recreational Organizations

All professional and social organizations of Milligan College are designed to aid the students in fulfilling themselves and reaching their full potential religiously, socially, and creatively. The following organizations were organized by students and have received the sanction of the College. Additional professional or social organizations may be added to this list upon the initiative of several students who present a charter to the College, select a faculty adviser, and demonstrate that the desired organization is in keeping with the purposes and philosophy of Milligan College.

Students preparing for careers in the healing arts are eligible for membership in the Pre-Med Club. The club serves to introduce students to the opportunities in the medical and allied professions. Physicians and specialists in the medical profession are invited to club meetings to discuss topics related to their work.

Phi Beta Lambda is a national business honorary society for accounting, business administration, economics, and secretarial science majors and minors. It is devoted to developing competent, aggressive business leadership.

The Student Union Board works in conjunction with Student Government in arranging movies, concerts, and other social activities.

The Buffalo Ramblers is an informal association of those members of the Milligan family who enjoy exploring on foot the scenic gorges, peaks, caves, and waterfalls surrounding the College.

International students meet regularly for fellowship and discussion of matters of mutual interest.

Students preparing for a teaching career find membership in the Student National Education Association helpful. Topics of discussion in the club meetings are related to specific areas of service in the teaching profession.

Music Educators National Conference has a student chapter whose purpose is to afford students the opportunity for professional musical orientation and development. These students also sponsor receptions after some concerts and serve as ushers for these events.

The "Water Buffaloes," a swim club, is organized in an effort to promote the sport of swimming and related activities on campus, as well as in the surrounding area.

Students in the area of special education and other interested students are eligible to participate in the Student Council for Exceptional Children. This group serves not only the community by working directly with exceptional children but also the students by increasing their experience and knowledge in different areas of special education.

The Library Club is an organization made up of the student workers of the library and any student interested in literature and the development of the library.

The French Club membership is open to all students who are interested in the French language and customs.

Circle K is an open membership service club sponsored by the Kiwanis Club. Circle K spends much of its time working in children's homes and nursing homes and with the educable mentally retarded. They also sponsor social mixers and bike races.

Delta Kappa is a women's organization designed to serve the campus and area children's homes. It is also responsible for the Blood Mobile drive on campus.

The President's Council is made up of the presidents of all organizations recognized by the office of the Director of Student Life. Their purpose is to coordinate programs and to keep organizations informed about each other.

The Commuters is an organization for off-campus students. By promoting various activities throughout the year, it seeks to enhance fellowship among commuters and to give off-campus students the opportunity to participate in campus events.

The Student Union Building serves the social and service needs of the student body. It is a place for fellowship, for purchase of supplies and food, and for relaxation and games.

Athletics

Milligan College encourages participation in intercollegiate athletics. A limited number of grants-in-aid will be awarded each year on a merit basis.

Milligan College is represented in intercollegiate athletics in basketball, baseball, tennis, softball, volleyball, track and field, and soccer.

The intramural program of athletics is designed to encourage participation by all the students in some sport. A choice of sports is offered in basketball, flag-football, volleyball, and softball.

Students interested in golf may secure, for a small greens fee, playing privileges at the Elizabethton Golf Club, one mile from the College, and at the Pine Oak Golf Course in Johnson City, three miles from the College, and at the Buffalo Valley Country Club, five miles from the College.

THE CAMPUS

Milligan College occupies a campus of more than one hundred and thirty-five acres, rising eastward from the banks of Buffalo Creek. Richly endowed by nature and enhanced by skillful landscaping, the grounds possess unusual beauty.

Anglin Field, with its baseball diamond, softball and soccer fields, lies in the low campus along the Buffalo banks. This attractive field is important in the activities of intercollegiate and intramural sports and the physical education classes. The field was completely rebuilt in 1966. In 1971 Mr. and Mrs. John Stout, Sr. furnished a flag pole and small park at the edge of the field. This presentation was made in memory of their son Willard, who was a 1957 graduate of Milligan.

Derthick Hall, formerly the Administration Building, occupies the site on which the original brick building of the College was erected in 1867. Several years later a large wing was added to this structure. In 1918 most of the building was destroyed by fire. It was rebuilt in 1919. In 1978 the building was completely renovated and renamed in honor of Dr. and Mrs. H. J. Derthick. In addition to the classrooms located in this structure are the offices of the Academic Dean, the Registrar, the Director of Student Life, and some faculty.

The P. H. Welshimer Memorial Library is a modern, fire-proof, air-conditioned building of three floors. Holdings consist of more than 115,000 volumes and 400 current periodicals. The building was first occupied in November 1961 and was the gift of the T. W. Phillips, Jr. Charitable Trust and the Phillips family of Butler, Pennsylvania, after an initial gift by the Kresge Foundation of Detroit, Michigan. The office of the President is located on the second floor.

The Seeger Memorial Chapel was dedicated November 4, 1967. This beautiful Colonial edifice occupies the center of the campus with its spire—192 feet above ground level—overlooking the campus. The Chapel is a multi-purpose structure serving the College in worship, instruction, lectures, concerts, and dramas. The main sanctuary-auditorium will seat 1300. The lower auditorium will accommodate 350. The Chapel was made possible through major gifts by Mr. Ura Seeger, Lebanon, Indiana and Mr. and Mrs. B. D. Phillips, Butler, Pennsylvania.

In January 1972, a new science building was occupied. Utilizing the most modern design in educational construction, the building has five 24-station laboratories, two classrooms, a 300-seat lecture hall, and several special-purpose rooms.

Hardin Hall was built in 1913. This three-story brick building is a residence hall for women and houses the Business Office, Director of Placement, and the Director of Testing. The building honors Mr. and Mrs. George W. Hardin, who were intimately associated with the College for many years.

Pardee Hall, a residence for men, was erected in 1919 as a gift to the College by Mr. and Mrs. Calvin Pardee. It stands on the slope of the hill above the middle campus.

The Mary Hardin McCown Cottage, the campus hospitality house, is the building formerly occupied by the President of the College. Visitors may receive information concerning the campus at this Center. Other offices in the building are those of the Director of Development, Office of Student Enlistment, the Director of Financial Aid, and Director of Church Relations.

The Student Union Building grew out of the determination of the students to help themselves. Sensing the need for a place to gather, T. P. Jones and Randy Cooper marshalled sentiment and resources from the students. The students volunteered labor, solicited funds, and began construction in 1951. The building was completed and dedicated in 1955.

Sutton Memorial Hall stands on the high campus toward the east. The residence floors have thirty suites for women, each with two rooms and connecting bath. The hall contains a large social room, a dining hall seating about 400, the kitchen, and storage rooms. The hall bears the name of Webb and Nanye Bishop Sutton, whose vision and generosity made the construction possible. It was dedicated in 1956.

CAMPUS BUILDINGS



Seeger Chapel



Little Hartland



Science Building



Derthick Hall



P. H. Welshimer Library



Steve Lacy Fieldhouse

DORMITORIES



Pardee Hall



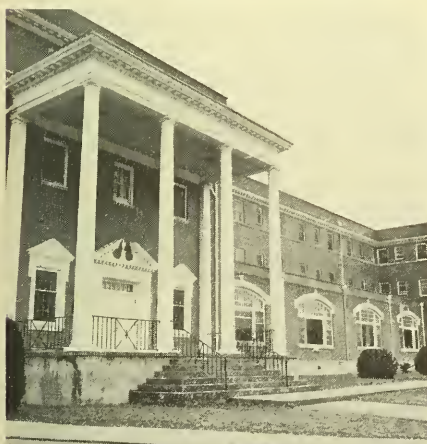
Hart Hall



Married Student Apartments



Webb Hall



Sutton Hall



Hardin Hall

The Steve Lacy Fieldhouse was funded by gifts from the B. D. Phillips Memorial Trust and the Kresge Foundation, making it possible for Milligan College to accept a grant from Educational Facilities Laboratories. This is the first air-cable structure in America, and it contains a regulation basketball court, a 25-meter swimming pool, indoor track, classrooms, and other facilities designed to accommodate Milligan's philosophy of lifetime sports. Operation of this facility began in 1976.

The Crouch Memorial Building is located near the bridge at the main entrance. Renovated and modernized by Professor Owen Crouch in 1958 in memory of his father, this building houses the Post Office and an apartment.

Webb Memorial Hall, a gift of Mrs. Nanye Bishop Sutton, was completed and occupied in January 1960. It houses modern accommodations for 172 men.

An air-conditioned dormitory for 188 women was completed in September, 1965. In May of 1968 it was dedicated and named Hart Hall in honor of Dr. and Mrs. John M. Hart.

The Faculty Office Building, built in 1969, houses the Curriculum Center, an art classroom, and the majority of the offices for faculty members.

Little Hartland Hall, completed in 1976 and the gift of Mr. and Mrs. John M. Hart, is furnished with selected antiques from the Hart's sizeable collection. The building serves as the official residence for the College President.



PROCEDURES



ADMISSION

Admission to the Freshman Class

Character, ability, preparation, and seriousness of purpose are the qualities emphasized in considering applicants for membership in Milligan College. Early application is encouraged. Inquiries should be addressed to the Office of Student Enlistment.

Those who are interested in attending Milligan are encouraged to visit the campus. Arrangements should be made in advance with the Office of Student Enlistment.

Overall excellence of performance in high school subjects as well as evidence of Christian commitment and academic potential provide the basis for admission to Milligan College. While no specific course pattern is required for admission, the applicant is strongly encouraged to include the following subjects in his high school program:

1. College preparatory English
2. College preparatory mathematics
3. At least one unit of science
4. At least one unit of history and or one unit of social science
5. Foreign language
6. Some work in speech, music, or art in preparation for study in liberal arts curriculum.

To provide further evidence of academic ability, the applicant is required to take the American College Test or Scholastic Aptitude Test and furnish the College with either of these scores.

The following steps are suggested in the admission procedure:

1. The student secures from the Office of Student Enlistment an application form, forms for requesting transcripts and references, catalog, and other literature.
2. The student returns the completed application along with an application fee of ten dollars and a small photo to the Office of Admissions.
3. The application will be presented to the Admissions Committee for action when the following credentials are on file: the high school transcript, ACT or SAT scores, two references.
4. The Office of Admissions will notify the applicant of the disposition of the application. If the decision is favorable, he will be accepted for admission to Milligan College, subject to the successful completion of his high school program.

Advanced Placement

Milligan College recognizes the Advanced Placement Program (AP) and the College Level Examination Program (CLEP) as a means of earning college credit. Milligan students may submit scores on examinations taken through these programs to the Registrar for evaluation. College credit will be granted on the basis of an acceptable score as determined by the Academic Committee rather than by the testing company under the following conditions:

1. At least one semester of work must be completed in Milligan College before credit earned by testing will be recorded on the transcript.
2. Credit earned by testing will be designated on the transcript by a grade of "P" (pass).
3. A maximum of 32 semester hours can be earned by testing.
4. A recording fee of \$5.00 per hour will be charged.

Transfer Students

Students who wish to transfer from an accredited college, who merit a letter of honorable dismissal, and who have a grade point average of at least 2.0 on a 4.0

system are eligible for admission to Milligan College. Such applicants should follow the same procedure outlined above, except the ACT or SAT scores are not required. In addition they must furnish the College with transcripts of all previous college work.

Early Admission

Milligan also has provision for academically advanced and emotionally mature students to be admitted on an Early Application Basis prior to their completion of high school graduation requirements. For additional information contact the Director of Admissions.

Returning Students

A student who has withdrawn in good standing should address a letter to the Academic Dean requesting permission for readmission.

A student who has been academically dismissed should observe the following procedure:

1. The student's letter requesting readmission shall be addressed to the Academic Dean.
2. The Admissions Committee will examine the student's original records and any work done since his suspension.
3. If there is reason to believe that the student would profit from another opportunity to do college work, he will be permitted to enroll with probationary status following at least one semester of suspension.
4. In the event that it is necessary to suspend the student a second time, he will not be eligible to apply for readmission.

Special Students

Special students are those students who are not seeking a degree at Milligan College. These students may be in one of the following categories:

1. An applicant over 18 years of age who does not qualify for any of the above categories for normal admission but who demonstrates an ability to do college work may be admitted as a special student. If he satisfies the entrance requirements in full within two years from the time of admission, he may then become a candidate for a degree. This status must be granted by the Academic Dean at the beginning of each semester.
2. Special students may also be undergraduate students who have met all entrance requirements but who are temporarily departing from graduation requirements or from specified curriculum for one or two semesters. During that time they are not candidates for a degree. This status must be granted by the Academic Dean at the beginning of each semester.
3. Transient or visiting students are special students who are seeking a degree at another institution and who have obtained permission from that institution to enroll in Milligan College. Hours earned at Milligan will be transferred to the home institution for application towards a degree.

Credits earned as a special student will be subject to revision should the student become a candidate for a degree at Milligan College.

Audits

Persons not enrolled in Milligan College as degree seeking students may enroll as audit students. No credit shall be allowed for this work, and a grade of "Au" shall be assigned. Tuition will be one-half normal tuition charges.

Foreign Students

Milligan College is approved by the United States Department of Justice for education of non-quota foreign students. Foreign students must present satisfactory scores for the TOEFL exam and prepay all expenses for one semester. Five hundred dollars of the prepayment will be considered non-refundable.

Ceremony of Matriculation

After all admission requirements have been met, including the orientation activities at the beginning of the year, the candidate for admission may participate in the ceremony of matriculation.

Matriculation Day ordinarily is Friday of the first week of the fall semester. At the conclusion of a general assembly, the candidates are escorted to the platform where they sign the College register and officially become members of the Milligan community.

EXPENSES

In order to serve students from a wide range of economic backgrounds, Milligan College has been able to supplement student fees with endowment funds and gifts from organizations and individuals. For this reason expenses at Milligan are somewhat lower than the expenses at other private colleges. Expenses are subject to change without notice.

Expenses for one semester:

Tuition (for 12 to 17 hours)	\$1412.00
Room	358.00
Board	602.00
Tax on Board	36.12
TOTAL FOR ONE SEMESTER	\$2408.12
Tuition each academic hour over 17	\$ 82.37
Tuition for a single three hour course	\$ 99.00

A special fee schedule is charged for 4 to 11 hours.

SPECIAL FEES

The following fees are required from those who enroll for work in the specified course or receive special privileges:

Laboratory Fees

Materials for special courses:

Education 315, 316, 471, 472	\$ 5.00
Science Laboratory Fee	15.00
Psychology 252	10.00
Psychology 259	10.00
Psychology 427	5.00
Secretarial Practice	10.00
Language Lab Fee	10.00
Typing	10.00
Music 301, 381-2	5.00
Studio Art Fee	10.00
Art 301, 311	5.00
Art 302,303	10.00
Voice Class	20.00
Piano Class	20.00
Sheet Music Deposit	10.00
Directed Teaching Fee	30.00
Music 145, 146, 245, 246	10.00
Music 221, 222	30.00

Tuition Charges in Applied Music

One semester hour	\$45.00
Two semester hours	\$60.00

Practice Room and Instrument Rent:

Organ	\$35.00 (1 hr.)	\$50.00 (2 hrs.)
Voice, Piano, and Instrumental	\$25.00 (1 hr.)	\$35.00 (2 hrs.)

Application Fee

An application fee of ten (\$10.00) dollars is required with the application for admission to the College. This fee is not refunded. It defrays part of the expense of processing an application.

Advance Deposits

Milligan College is limited in the number of students it can accept. Efficient use of dormitory and classroom facilities requires a maximal occupancy. To assure the College of a firm commitment by the student, each dormitory student will be charged a student deposit fee of \$50.00. This \$50.00 fee is held by the College in an escrow account, to be returned upon graduation or permanent withdrawal, subject to satisfaction of the student's account with the College.

In addition to the dormitory deposit fee each student whether commuting or in the dormitory will be expected to pay a \$50.00 pre-payment on his account, which will reserve his place in the class. These deposits are due within thirty days of the time the student is accepted.

CLAIM FOR REFUND OF THESE FEES MUST BE MADE ON OR BEFORE MAY 1, PRECEDING THE OPENING OF THE FALL SEMESTER.

Miscellaneous Fees (per semester)

Diploma and graduation fee	\$25.00
Transcript fee—after first issue	1.00
Automobile registration fee	7.50
Late registration fee per day	5.00
Change of course fee	5.00
Audit fee for single three hour course	49.50

Payments of Accounts

All student accounts are due and payable on the day of registration of each semester.

For those students who cannot meet all of the semester cost at the beginning of a semester, the following policy will apply:

Dormitory Students: On the day of registration a down payment of one-half tuition and room, \$50.00 on board, and all fees will be required. The remaining balance is to be paid in three equal installments falling due one month, two months, and three months after the date of registration. Honor scholarships, work scholarships, and grants-in-aid are to be deducted from the last payment.

Commuting Students: On the day of registration a down payment of one-half tuition and all fees will be required. The remaining balance is to be paid in three equal installments falling due one month, two months, and three months after the day of registration. Honor scholarships, work scholarships, and grants-in-aid are to be deducted from the last payment.

Students Receiving Financial Assistance: Students on full scholarships from foundations or corporations need not observe the down-payment principle. Students receiving other assistance such as Vocational Rehabilitation, veterans assistance, war orphans assistance or part-scholarship may apply such amounts toward the down payment requirement.

Summer Session: All charges are payable on the day of registration.

Other Regulations: No transcript will be issued until the student has satisfied all accounts with the College.

Students who have grant-in-aid commitments from the College should secure a letter from the person or persons making that commitment with terms and amount clearly stipulated.

Textbooks

New and used textbooks may be purchased at the Milligan Bookstore located in the Student Union Building. The Bookstore operates on a cash basis, and no books will be charged to a student's account unless the student is on a full scholarship. The cost of textbooks usually does not exceed \$200.00 for the year.

Board

The cost of Board is \$602.00 per semester for three meals a day, seven days a week, exclusive of official vacation periods. The dining room is closed during vacation periods. This is a flat rate for the semester which allows the students to save the clerical and other expense involved when meals are charged individually rather than by the semester. The rate does not provide for any refunds for meals missed.

Refunds

Upon proper notice, a student who withdraws from the college within the first four weeks of a semester will be refunded one-half of his tuition and the prorata share of his board. Room rent and fees will not be refunded.

After the fourth week there is no refund except for the prorata share of board. An exception will be made for illness, in which case the refund period will be extended to the ninth week. Illness must be certified by a physician's written statement.

There is no refund to a student who withdraws or is dismissed for disciplinary reasons.

In the event of withdrawal, no credit will be given for scholarship or grant-in-aid.

Since work on the campus has a cash value only when applied toward college expenses, there is no refund given to self-help students who have a credit balance to their accounts. A credit balance may, however, be transferred to the account of members of the immediate family, providing it is transferred not later than the fall semester of the following college year. A student wishing to make such a transfer must notify the Business Office before leaving the College.

FINANCIAL AID

Milligan College offers a comprehensive program of financial aid for students who otherwise would be unable to continue their education. Through this financial aid program an eligible student may receive one or more types of financial aid. Before a student or his parents decide a college education is too expensive, they should investigate the possibility of obtaining financial aid through the College.

Any student who applies for admission to Milligan College is eligible to request financial assistance. If he is offered admission and if he demonstrates a financial need, Milligan will attempt to meet that estimated need.

In order to apply for financial aid, each student must submit a Milligan College Financial Aid Application, and his parents must file a Financial Aid Form with the College Scholarship Service. The Milligan application can be obtained from the Financial Aid Office at Milligan, and the Financial Aid Form can be obtained from Milligan or a high school counselor. Both applications should be submitted prior to April 1. Awards are made on a year-to-year basis, and applications must be submitted each year.

TYPES OF FINANCIAL AID

Loans

National Direct Student Loan—This program provides long-term loans with an annual interest rate of 4%. Payment period begins six months after the borrower terminates his enrollment.

Ministerial Loans—The Ralph Depew, Fred and Daisy Hayden, and Grace Phillips Johnson Loan Programs are available to students who demonstrate financial need and are preparing for the ministry or other Christian Service. These loans are low interest loans with repayment requirements similar to the National Direct Student Loan. However, there are limited deferment privileges.

Other Student Loans—Several loan funds—Class of 1963, Kiwanis Student Loan, Wilson Loan—have been established by various people and organizations to assist students. Various amounts not to exceed \$500 are available to students with academic promise and financial need. These loans have the same repayment conditions as the Ministerial Loans.

Milligan College Installment Loan—This loan is available to students to supplement their financial aid awards. The loan is included as part of the financial aid package. It is paid to the college at 8% interest over an 18 month period. Payment begins with the first month of enrollment.

Grants

Basic Educational Opportunity Grant—Students who have a demonstrated financial need are awarded grants under this program. The maximum grant is \$1,750.00, and the average award is approximately \$800.00. Every student who qualifies is entitled to and will receive an award.

Milligan College Grants—Grants of various amounts are given to individuals who demonstrate financial need.

Campus Employment

College Work-Study Program—This federal program provides for part-time campus employment to students. Eligibility depends upon financial need.

Milligan College Work Program—This program offers similar on-campus jobs for which Milligan provides the funds. Jobs on this program are awarded to students with a financial need first, but a student may participate in the program if he or she has a special skill.

Outside Agencies

Tennessee Student Assistance Award—This state-funded program provides tuition grants to Tennessee residents who plan to attend a Tennessee college or university and are able to demonstrate financial need.

Guaranteed Loan Program or United Student Aid Fund—Funds from these programs are borrowed for educational purposes directly from banks, credit unions, and other financial institutions in a student's hometown. Details of the Guaranteed Loan Program vary from state to state, but in general students may borrow up to \$2,500.00 for each year of undergraduate study to \$12,500.00 aggregate for undergraduate education.

Tuition Plan, Inc. and College Aid Plan—These two commercial plans are available to parents and students desiring to pay educational expenses in monthly installments. Through these two plans, parents may arrange payments for one to four years for loans covering up to \$15,000.00 for a four year period. Each program offers an insurance program which guarantees the payment of the loan in full in case of parents' deaths. In either of the above plans payments are made by the financing company directly to Milligan College on or before the day of registration. Additional information may be obtained by writing the Office of Financial Aid.

Scholarships

Milligan College offers a number of scholarships to students who demonstrate academic promise and achievement. The program is designed to recognize students with outstanding academic records.

Carla B. Keys Scholarships—Scholarships of up to half-tuition are available to both prospective and currently enrolled students of the College who demonstrate exemplary records of Christian service and commitment, academic promise and achievement, and a financial need. Students applying for a Keys Scholarship should have at least a GPA of 3.5.

Honor Scholarships for Freshmen—All incoming freshmen students are eligible for this scholarship which is based on their ACT or SAT score. The amount of the scholarship will vary from full tuition to 10% of tuition based on the ACT or SAT score. This scholarship is automatic and no application is necessary.

Honor Scholarship for Upper-Classmen—At the end of each scholastic year, scholarships valued at \$750.00 will be granted to the highest ranking Milligan College freshman, sophomore, and junior. Scholarships of \$500.00 will be offered to the second ranking student in each of the three classes. Scholarships of \$350.00 will be offered to the third ranking student in each of the three classes. The student receiving the award must have carried 12 or more semester hours of academic credit during the term for which the award was made. Scholarship may be withheld for due cause. A student must have completed two full semesters in Milligan College in order to be eligible for a class rank scholarship.

Academic Scholarships—Students with outstanding records may apply for an academic scholarship which is based almost solely on previous grades and recommendations concerning academic promise. Juniors and Seniors may apply if their major is listed as one to be funded in a given year. A second category in which funds are available regardless of the major is open to Sophomores and second semester Freshmen. The first category scholarship winners are determined by the Faculty in that area while the second category winners are determined by the Scholarship Committee. Applicants must apply to the Financial Aid Office by April 1 for the following year.

Philip Scharfstein Scholarship—A scholarship not to exceed \$500.00 per year is available to a person majoring in Business Administration who has a cumulative grade point average of 3.0 or higher. Preference will be given to graduates of local high schools.

Mary Hardin and Lonnie W. McCown Scholarship Fund—This scholarship program was established to help those students who need assistance for educational purposes. The recipient will be determined by the Scholarship Committee.

Milligan College Music Scholarship—A limited number of scholarships are awarded each year to students who demonstrate skill in vocal or instrumental music.

Roger Lance Wood Scholarship—This scholarship in business administration and economics is awarded to an outstanding junior or senior.

B. D. Phillips Memorial Music Scholarship—This scholarship is awarded to an upper classman who is a music major and who demonstrates financial need and academic ability.

Guy and Rhea Oakes Scholarship—This scholarship (usually \$250.00) is awarded each year to a returning student. The recipient is a student who has produced an excellent essay on "Why I Recommend Milligan to My Friends." The winner is determined by the Scholarship Committee.

B. Carroll Reece Scholarship—An annual scholarship of \$200 is available to help a needy student from the First Congressional District of Tennessee.

Lone L. Sisk Scholarship—Each year the proceeds from the Sisk Scholarship Fund will be awarded to a science major recommended by the science faculty.

Vocational Rehabilitation

The State of Tennessee provides a service for physically handicapped civilian students in order that their employment opportunities may be equalized with those of unimpaired individuals. The service consists of a complete physical diagnosis and financial assistance in preparing for a vocation or profession.

Physically handicapped students from other states may qualify for aid for study in Milligan College through the vocational rehabilitation office of their state. For information about this service the student should write to the Business Office of Milligan College or to his state department of vocational rehabilitation.

The G. I. Bill

Milligan College is eligible to receive veterans under the provision of the new G. I. Bill, known as the Veteran's Readjustment Benefit Act of 1966 and also as Public Law 550 of the 82nd Congress.

To qualify, veterans must have an honorable discharge or release and have had active duty of more than 180 days, any part of which occurred after January 31, 1955. Veterans may qualify with less than 181 days if their discharge occurred after January 31, 1955, and was for a service-connected disability.

Payments will be made each month directly to the veteran. Students wishing additional information may contact their nearest Veterans Administration Office or write to the Business Office of Milligan College.

Each veteran is entitled to one month of educational benefits for each month or fraction of a month of creditable active duty after January 31, 1955. No veteran may receive more than forty-five months of entitlement. However, if a veteran is in training on his termination date, he may complete the semester in which he is currently enrolled.

Veterans must complete their program within ten years after their last discharge.

The Veterans Administration will provide counseling and vocational planning service for any veteran who needs this assistance.

War Orphans

Milligan College is qualified to accept students under the provisions of Public Law 634 of the 84th Congress. This program gives financial aid for educational purposes to young men and women whose parent died of injuries or disease resulting from military service in World War I, World War II, or the Korean conflict. The student may obtain additional information and forms for filing application for such benefits by contacting his local Veterans Administration Office or writing the Business Office of Milligan College.



ACADEMIC INFORMATION

Requirements for a Degree

A student advancing to the baccalaureate may select the Bachelor of Arts or Bachelor of Science Degree. The Bachelor of Arts degree is conferred in all fields in which the College offers a major. The Bachelor of Science degree is conferred only in the fields of Accounting, Biology, Business Administration, Chemistry, Elementary Education, Health and Physical Education, Human Relations, Mathematics, and Secretarial Science. The major difference in the two degrees is that a foreign language is required for the Arts degree. The specific requirements for the Bachelor of Science degree in these fields are stated in the introduction to the areas.

A total of 128 semester hours is required for graduation. A student transferring from another college must be in residence during the two semesters (may include one 9 week summer session) immediately preceding his graduation and must successfully complete not fewer than 30 semester hours in Milligan College.

To provide a foundation for advanced studies Milligan requires of all students the inclusion of the following courses in their program:

Bible 123-124, 471

Humanities 101-102, 201-202

Psychology 155 and three additional hours

Health and Physical Education, two hours of activity

Biology, Chemistry, or Physics, eight hours

Sociology, Economics, or Political Science, six hours

Students diagnosed as having a deficiency in math, reading, study skills, and or writing must enroll in the appropriate learning skills course(s) as a graduation requirement.

Hours earned below the 100 level will be in addition to the 128 hour graduation requirement.

Bible 123 and 124 must be taken in the first two semesters a student is enrolled in Milligan College.

Humanities 101 and 102 are required of all freshmen.

Humanities 201 and 202 are required of all sophomores.

The Health and Physical Education requirements should be satisfied in the freshman year.

The candidate for the degree must also present a major, minor, and electives to total 128 hours of credit. A student seeking a B.A. degree must complete a foreign language through the intermediate level.

The Associate in Science Degree requires 67 semester hours and is conferred in the field of Secretarial Science. A student seeking the AS Degree must complete not fewer than 30 semester hours in Milligan College. The specific course requirements are outlined in the introduction to the area.

Any student may graduate under the regulations prescribed in the Catalog in effect at the time of his entrance into this College, provided these requirements are met within six years; otherwise he will be required to meet current degree requirements. The six-year limitation will be extended for the length of time in military service for students who enter service after enrolling at Milligan.

Convocation

Each semester Milligan College sponsors a convocation series consisting of programs of a broad range of interest for the intellectual and spiritual growth of its students.

Attendance at these convocations is required of all students. If a student has more than four unexcused absences, he forfeits his eligibility to return to Milligan for the next semester.

Class Attendance

Milligan College makes no provision for a system of allowed absences, sometimes called "cuts." The student is expected to attend each meeting of the class in which he is enrolled. Absence from a session of the class involves a loss in learning opportunity for which there is no adequate compensation. The teacher's evaluation of the work done by the student will necessarily be affected by such absence. More than four unexcused absences in a three hour course will require the instructor to place an evaluation of "F" on the student's record for that course.

It is recognized that the student may have legitimate reasons for absences. Such reasons may include sickness as certified by a physician or nurse, death in the family, or participation in College activities off campus. Except in the case of sickness and death, all such absences must be approved in advance by the Academic Dean.

The College Calendar

The Milligan College calendar of classes is organized on a semester basis. Classes will be in session for 15 weeks plus the final examination period. The College also offers a summer session consisting of two 4½ week terms. In addition to these regularly scheduled terms students may earn one or two semester hours of credit in independent study during the period between the fall and spring semester and or between the spring semester and the summer session. These intersession courses shall count as residence credit.

Advisers

All students entering Milligan College are assigned a faculty adviser. At the beginning of his junior year the student automatically becomes the advisee of the chairman of the discipline in which the student is majoring.

The student must have his schedule of classes approved by his adviser before he is eligible to complete registration. Mid-term and semester grade reports are made available to the student through his adviser. Students are encouraged to consult with their advisers on a regular basis.



Majors and Minors

As the student progresses toward the baccalaureate degree, he will select a field of work for concentrated study. This selection will ordinarily be made early in the junior year and is subject to change only after consultation with the Dean, Registrar, and faculty adviser. Selection of a field of concentration may be made from the following: Accounting, Bible, Biology, Business Administration, Chemistry, Christian Education, Elementary Education, English, Health and Physical Education, History, Human Relations (includes Psychology, Sociology, Social Agencies, Youth Leadership and Government Business Leadership), Humanities, Mathematics, Missions, Music, and Secretarial Science.

In addition to this field of major concentration, the student will select one field of minor concentration. Hours counted toward the major may not also be counted toward the minor or a second major.

A transfer student must take at least six semester hours in Milligan in his major field of study.

Grade Point Average

The terms used in evaluating a student's work are letters with a grade point value. Advancement to the baccalaureate degree is contingent upon the completion of 128 semester hours with a total of 256 quality points. The grade point average (GPA) may be determined by dividing the total number of quality points by the semester hours attempted. The following table of values is observed in all courses.

- A — Excellent—four quality points for each semester hour.
- B — Good—three quality points for each semester hour.
- C — Average—two quality points for each semester hour.
- D — Poor—one quality point for each semester hour.
- S — Satisfactory—not computed in grade point average.
- F — Unsatisfactory—no quality points.
- U — Unsatisfactory—no quality points.
- W — Withdrawn.

Students withdrawing officially from classes before mid-term will receive "W's." Students withdrawing after the mid-term will have their achievement evaluated by the grade "W" or the grade "F."

Testing Services

All entering students will be given tests covering basic skills (Reading, Writing, Mathematics, and Study Skills). Proficiency in these basic skills will be a requirement for graduation. Services will be provided to help students attain this proficiency. (See *Learning Skills*).

All graduating seniors are required to take the Undergraduate Record Exam available in the spring. Fees for this test are included in graduation fees.

Those students electing the education profession will be required to pass, at the state established norms, the screening exams established for this profession by the State of Tennessee and the Milligan College Education Area. (See *Education Area*). No fees are required.

The College Level Examination Program is available to all students interested in receiving college credit for studies already completed, studies independently learned, or work experience equivalent to studies learned. There is one administration each semester. There is a fee for each test taken.

Other testing services (i.e., Occupational) are available for a minimal fee for those interested.

Courses at Another Institution

Students desiring to take courses at another institution while they are degree seeking students at Milligan College must have all such work approved prior to enrollment by the Registrar. A student enrolled concurrently at another institution must count the number of hours with his hours at Milligan in determining a full load for the semester.

Correspondence Credit

Students desiring to take correspondence courses through another college must have written approval from the Academic Dean. Only six semester hours of correspondence study are recommended, and no more than 12 semester hours will be accepted toward a degree program. A student enrolled for a correspondence course must count the number of correspondence hours with his regular semester load in determining a full load for the semester. When a student completes a correspondence course, he should request a transcript to be sent to the Registrar of Milligan College.

Honors

The degree may be awarded with honors to a student who has completed all requirements for a baccalaureate degree. Transfer students may not receive honors greater than the level warranted by the grade point average earned at Milligan.

The degree with honors is divided into three levels as follows: Summa Cum Laude, based on a grade point average of 4.00; Magna Cum Laude, based on a grade point average of at least 3.75; and Cum Laude, based on a grade point average of at least 3.333. Honors will be determined at the close of the next to last semester prior to graduation.

At the close of each semester, the Office of the Academic Dean publishes a list of students who have done outstanding work during that semester. The Dean's First List is composed of students whose semester grade point averages were 3.75 to 4.00. A student must have had a 3.5 to 3.749 to be placed on the Dean's Second List.

Probation

A student who fails to receive a 2.0 grade point average during any semester of his program in Milligan will be placed on academic probation. If the student fails to achieve a 2.0 the following semester, the College is not obligated to grant him the privilege of further study at Milligan College.

Milligan College is seriously concerned that every student who enters the College make progress toward the attainment of a degree. Consequently academic progress is judged to be paramount to the many extra-curricular activities that are available to students at Milligan. Every student is encouraged to participate in extra-curricular activities; but in those cases where participation is deemed to be detrimental to the student's academic progress, it is the policy of the College to limit such participation. In order to participate the student must maintain the following grade average: rising sophomores, a 1.4; rising juniors, a 1.6; and seniors, a 1.8.

Reports

The Registrar will issue to the parent or guardian the faculty evaluation of each student's work following mid-semester and final examinations. Upon request the Registrar will issue grades directly to a financially independent student.

Classification

Progression toward the baccalaureate degree is measured by four ranks or classes, each entailing certain prerequisites and each carrying certain recognitions. The period of an academic year must ordinarily be allowed for attainment of the next higher rank.

Transcripts

Official transcripts of the student's record in Milligan will be furnished only upon the request of the student.

One transcript will be issued to each student without charge; subsequent transcripts will be issued at the rate of one dollar each.

Transcripts are withheld if the student or alumnus has an unsettled financial obligation to the College.

Withdrawal

No student may withdraw from the College without the permission of the Academic Dean. Upon securing the consent of the Dean the student is expected to meet all obligations involving his instructors, fellow students, Deans, Dormitory Residents, Business Manager, and Registrar.

Any student who leaves the College without fulfilling these obligations will receive an "F" in each course in which he is enrolled and will forfeit any returnable fees he may have paid the College.

Medical and Law Students

The pre-medical and pre-dental programs at Milligan are highly competitive and quite variable, depending upon the student's choice of major and minor. Milligan graduates have generally been successful in obtaining admission to medical and dental schools throughout the nation. Additional information may be obtained from the pre-medical and pre-dental advisers.

Milligan College does not recommend or offer a major in "pre-law" as such. This stand is in keeping with both the broad educational philosophy of Milligan College and the philosophy expressed by the Statement of the Association of American Law Schools on Prelegal Education. American law schools do not encourage the undergraduate student to "learn the law," but rather stress the necessity of the pre-law student's acquiring certain comprehensive skills, such as "comprehension and expression in words," "critical understanding of human institutions and values," and the development of "creative power in thinking." Therefore, while a student planning for a specific phase of the law (e.g., tax law) may find certain undergraduate majors or courses desirable (e.g., business or accounting), any solid academic major is equally acceptable to American law schools and recommended by Milligan College.

The baccalaureate degree will be conferred by Milligan College upon a student who enters a standard medical or law college before completing his baccalaureate degree, subject to the following conditions:

Completion of six semesters of work in residence in Milligan College.

Fulfillment of the specific course requirements for the degree while in Milligan College.

Submission to the Registrar of the credits earned in the medical or law school.

CO-OPERATIVE PROGRAMS

The dual-degree program enables students to enjoy advantages of the distinctive ministries of two colleges. Students completing specified degree programs in Atlanta Christian College, Johnson Bible College, Mayland Technical College, Minnesota Bible College, San Jose Bible College, or Wytheville Community College are able to complete teacher certification requirements while qualifying for the Milligan degree. Mutual recognition of credit enables students to transfer with more ease when vocational choices require preparation not available in their present school. Further information may be obtained by writing the Academic Dean.

Engineering Students

Special arrangements have been made with Georgia Institute of Technology and Tri-State College whereby a student completing a three year program in Milligan may receive his baccalaureate degree from Milligan and his engineering degree from the engineering school. The student must complete the same requirements in Milligan College as are outlined for medical and law students.

Mortuary Science

Milligan College has a co-operative program with Mid-American College of Funeral Services. The program requires a minimum of 90 semester hours of academic work at Milligan College and one year professional training at Mid-American College of Funeral Services. Upon successful completion of the four year program and upon receiving a satisfactory score on the National Board Examination sponsored by the Conference of Funeral Service Examining Boards, the student would be eligible to receive a Bachelor of Science degree from Milligan College. The 90 semester hours required in Milligan College will include 60 hours of general liberal arts courses including social studies, science, and the humanities. In addition, the student will complete an academic minor in one of the areas of the humanities, social sciences, sciences, or business.

Nursing

Milligan College students may pursue a course of study leading to a Bachelor of Science in Nursing degree from East Tennessee State University. The freshman and sophomore years are taken at Milligan College. The junior and senior years are offered through East Tennessee State University. Interested persons should contact the Office of the Academic Dean.

ROTC

Milligan College students are eligible to participate in the Reserve Officers' Training Corps program through East Tennessee State University. Interested persons should contact the Office of the Academic Dean for further information.

The Bachelor of Science Degree with a Major in Medical Technology

Milligan College is officially affiliated with the Holston Valley Community Hospital School of Medical Technology, Kingsport, Tennessee. A Milligan student may become eligible for the Registry and also the Bachelor of Science degree with a major in Medical Technology by:

(1) Successfully completing the three year curriculum of Milligan classes which include the required foundation courses for the Bachelor of Science degree plus the following courses: Math 111, 112, Chemistry 103-104, 301-302, 310, Physics 201-202, Biology 110, 140, 240, 241, 340, and 380.

(2) Successfully completing the approved program (12 months) in the Holston Valley Community Hospital School of Medical Technology, Kingsport, Tennessee, or a similar program in some other approved school.

The fourth year includes the study of hematology, clinical chemistry, immunohematology, and micro-biology in both the classroom and the laboratory.

To be considered for admission to the fourth year a student must have a minimum grade average of 2.5. However, since Holston Valley can accommodate only 10 members in a class, selection is competitive and is determined by the professional school.

A University based program in Medical Technology is available through an arrangement with Western Carolina University. This program involves either two or three years at Milligan College and two years at the University. The five year format results in the granting of dual degrees from both institutions.

For additional information contact the Chairman, Area of Scientific Learning, Milligan College, Tennessee 37682.

Home Economics Education

A program leading to the Bachelor of Science Degree in Home Economics Education is available through a cooperative program between Milligan College and the Home Economics Education Department of East Tennessee State University. Students who elect this program will complete the freshman and sophomore years at Milligan and then transfer their accumulated credits to E.T.S.U. Upon the successful completion of the junior and senior years, E.T.S.U. awards the degree.

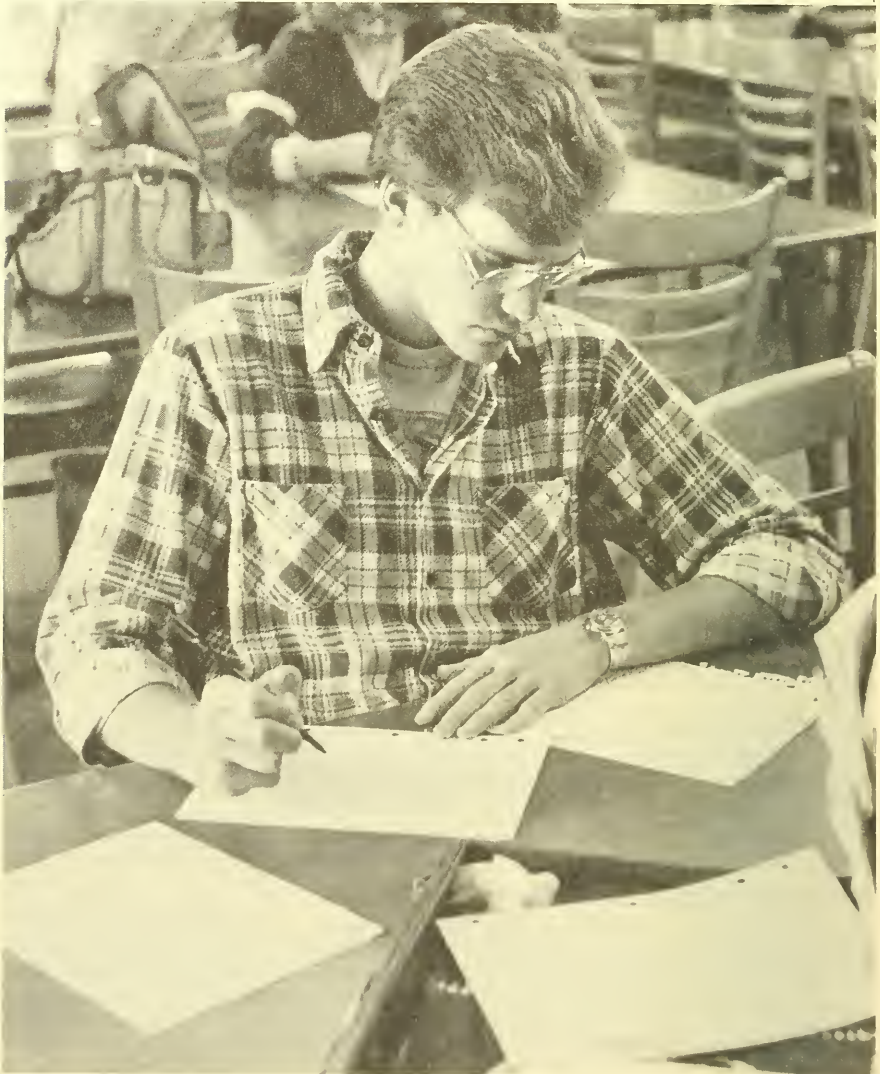
OFF-CAMPUS CENTERS

The College has Off-Campus Centers in West Lafayette, Indiana (Mr. Douglas Dickey, Director) and Indianapolis, Indiana (Tony Twist, Director).

These Centers provide credit instruction in Bible and Greek with supervision by full-time faculty in these areas.

WESTWOOD CHRISTIAN FOUNDATION

The Westwood Christian Foundation, Los Angeles, California, exists for the purpose of supporting Christian scholarship in great centers of learning. Milligan, along with other undergraduate and graduate institutions in California and elsewhere, is associated with the Foundation. The Executive Director of the Foundation is Dr. Robert O. Fife, Professor-at-Large in Milligan College.



AREAS OF INSTRUCTION

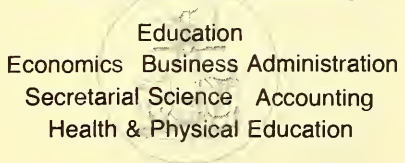
Milligan College proceeds upon the assumption that all knowledge is one. The modern practice of fixing the data of learning in separate categories is not looked upon with favor at Milligan; too much has already been seen in the fruits of the separation of culture, technology, and faith. However, there is value in recognizing man's basic areas of learning; that which comes from the revelation of God, that which derives from human experience, and that which is seen in nature. Milligan provides for the isolation of these areas of knowledge, only with the understanding that this division of studies will be made the instrument of greater cooperation and sympathy among the several fields of scholarly investigation. Milligan thus organizes its academic program into five areas of learning: the Area of Biblical Learning, the Area of Humane Learning, the Area of Social Learning, the Area of Scientific Learning, and the Area of Professional Learning. Each of the areas is presided over by an academic chairman, and these chairmen, together with the Academic Dean, constitute the Academic Committee, whose responsibility it is to determine curricula and academic policies.

Each area consists of several sub-areas or disciplines as follows:

Area of Biblical Learning



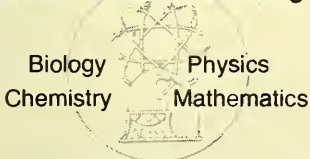
Area of Professional Learning



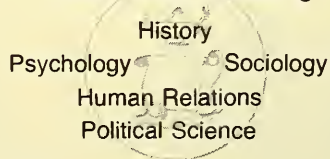
Area of Humane Learning



Area of Scientific Learning



Area of Social Learning

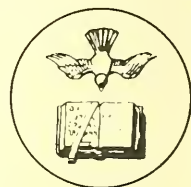


THE LEARNING SKILLS LABORATORIES

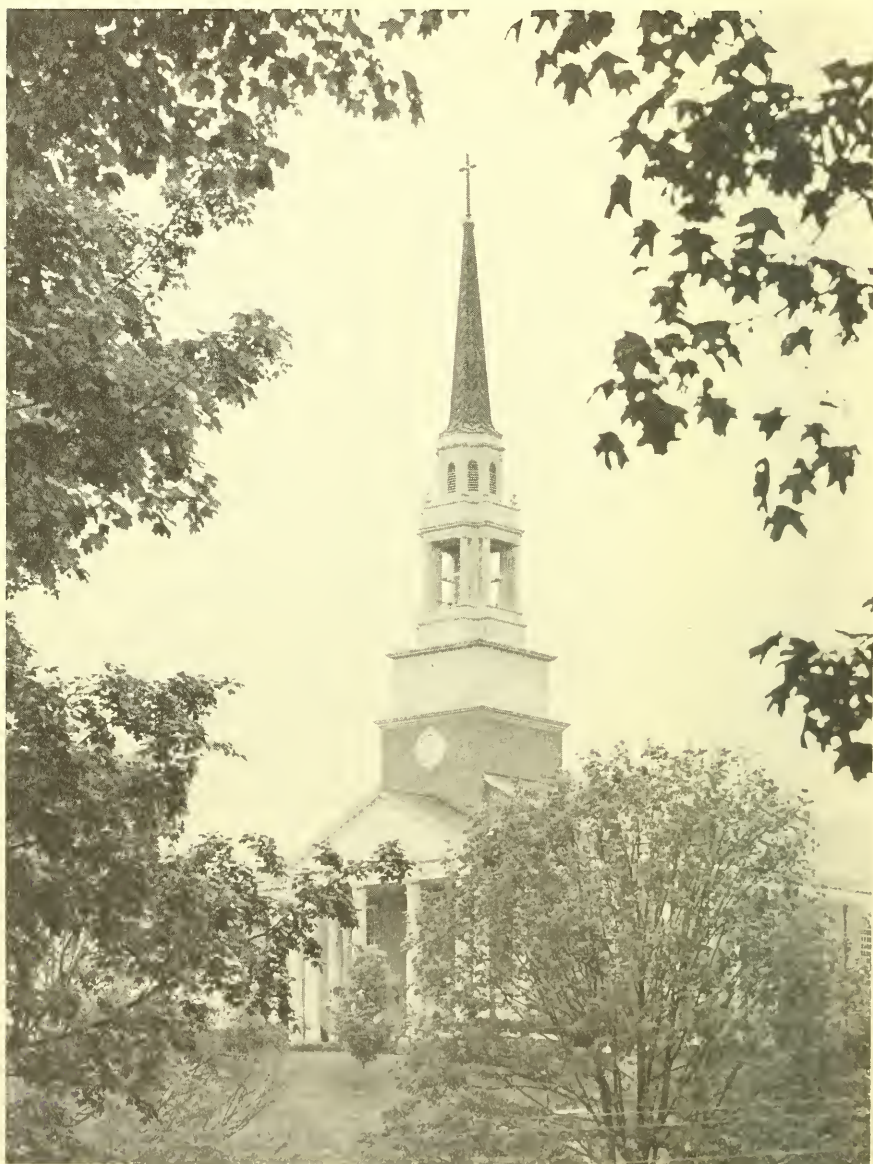
Some students come to college lacking the basic skills required for success in their course work. The Learning Skills Laboratories in Mathematics, Writing, Reading, and Study will give students the opportunity to become more proficient in these areas. For those students whose tests show a significant need, the appropriate labs become required for graduation. The labs will be open also to other students who realize that basic skills will aid their college success. Programs for all participating students are individualized to meet their specific needs.

- Learning Skills 090 Mathematics—see Mathematics 090
- Learning Skills 091 Reading—see Humanities 091
- Learning Skills 092 Study Skills—see Psychology 092
- Learning Skills 093 Writing—see Humanities 093

Area of Biblical Learning



Dr. Henry Webb, Chairman



BIBLE

The Bible, the supreme written revelation of God to mankind, is the hub of the curriculum in Milligan College. The Bible is not only a treasury of the world's best literature, history, philosophy, and ethical wisdom but also the mind and will of God laid bare to the human race. It speaks, therefore, to every human situation and area of learning because the mind and will of God embrace all of these. Consequently, no one can accurately call himself an educated person until he has acquired at least a working knowledge of God's purpose as expressed in the Scriptures.

A knowledge of the Bible and skill in its interpretation take account of the historical setting—geographical, cultural, linguistic, social—of the peoples to whom the Bible was first given. Only by such careful study and training can the vastness and complexity of the Bible yield the religious and cultural synthesis sought in Milligan.

The first aim of Biblical study is to introduce each student to the content of the Christian revelation in such a way as to assist him in effective living and service in any vocation. The vocational aim is also met by such study directed toward specialized ministries.

In addition to the Bible courses which are required of all students in Milligan College (Bible 123-124, 471), the major in Bible consists of thirty hours which must include six hours of New Testament (selected from 201, 202, or 286), six hours of Old Testament, History 341-342, 431-432, Christian Ministries 280-281 (for two hours) and Christian Ministries 275-276 or an acceptable Christian Ministries option that augments the student's vocational objectives.

The Bible minor shall consist of eighteen hours equally distributed between Old and New Testament studies, but it shall not include Bible 471. The student minoring in Bible is urged to consult with the Area Chairman in the selection of these courses.

A special concentration in Biblical Studies is available only to those who are also majoring in Elementary Education. In addition to the Bible courses required of all students, the concentration includes 201, 202, 6 hours of Advanced Old Testament, and 6 hours of electives from either Old or New Testament.

111. **Linguistics for Bible Translation**—An introductory seminar sponsored jointly with Pioneer Bible Institute. The course includes an introduction to generative linguistics and anthropology with special emphasis on skills pertinent to Bible translation and an overview of phonetics, syntax, and semantics with classroom work entirely from the Biblical Record. One semester hour.
123. **Old Testament Survey**—An examination of the Old Testament, its content, background, and significance. Required of all students. Three semester hours.
124. **New Testament Survey**—A study of the New Testament, including a survey of its Jewish and Hellenistic backgrounds. Required of all students. Three semester hours.
201. **The Life of Christ**—A study of the four Gospels with the intent of showing Christ as a person, teacher, and minister. Also treated in the course is the harmony of material in the Gospels. Three semester hours.
202. **The Book of Acts**—A study of Acts with emphasis upon the establishment and extension of the Church. Three semester hours.
251. **Institutions of Israel**—A study of the social, political, and religious extensions of ancient Israel. Three semester hours.
252. **Biblical Archaeology**—A study of the history and techniques of archaeology in the Biblical world as a historical science together with a survey of Palestinian history as reconstructed by latest archaeological evidence. The uses of archaeological data for Biblical studies will be emphasized. Three semester hours.
261. **Biblical Faith and Contemporary Culture**—A study of the relationships between Biblical faith and contemporary Western Culture with special refer-

ence to the particular interests and areas of study of those taking the course. Available at Purdue Center only. Three semester hours.

- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. The Prophets**—A careful exegetical study of the prophetic books of the Old Testament to determine the character, message, and social and political background of each prophet. Three semester hours each semester.
- 321. Later Pauline Epistles**—An exegetical study of Philippians, Colossians, Philemon, and Ephesians. Three semester hours.
- 322. Pastoral Epistles**—An exegetical study of 1 and 2 Timothy, and Titus. Three semester hours.
- 324. Johannine Literature**—An exegetical study of 1, 2, and 3 John, and Revelation. Three semester hours.
- 411-412. Major Pauline Epistles**—An exegetical study of 1 and 2 Thessalonians, 1 and 2 Corinthians, Galatians, and Romans. Three semester hours each semester.
- 421. Post-Exilic Prophets**—A study of those passages in prophetic works which pertain to the development of the Hebrew-Jewish community which resumed in Jerusalem and Judah after the Exile. Three semester hours.
- 422. Intertestamental Literature**—A survey of the types of Jewish literature (i.e., apocryphal, pseudepigraphic, wisdom, apocalyptic) and their contents which were influential in the development of Judaism in the last two centuries B.C. and in the first century A.D. Three semester hours.
- 471. Christ and Culture**—A study of the impact of the Christian faith as found in the New Testament upon contemporary Western culture. Required of all seniors. Three semester hours.

Church History

341-342. Church History (See History 341-342).

431-432. Reformation of the Nineteenth Century (See History 431-432).

RELIGIOUS EDUCATION/CHRISTIAN MINISTRIES

The program in Religious Education is designed to serve persons who wish to combine a strong Bible program with work in both Christian Education and professional education. Though the program does not lead directly to teacher certification, the student may elect additional courses, sometimes requiring an additional semester, and be granted such certification. Ministers' wives and those looking toward graduate work in religious education may find this program valuable. It is also designed as a terminal program for those who would function as youth ministers, church secretaries, and Christian education workers in local churches. With certification, the program is ideal for Christian day-school teachers, missionary educators, etc.

The Religious Education major consists of Religious Education 261, 304, 308, in addition to those courses which are required for a Bible major. This program is correlated closely with the program in teacher education in Milligan college.

Required courses for the minor in Religious Education will be determined in consultation with the Area Chairman.

- 250. Church Growth**—An examination into the nature of evangelism and a study of the various methods of conducting evangelistic activity in different cultural contexts. Consideration is also given to conservation of the results of evangelism. Three semester hours.

- 261. Introduction to Christian Education**—A survey course introducing the student to the total program of Christian Education in the local church. Principles, organization, curriculum, methods, leadership, and kindred matters are treated. Three semester hours.
- 270. Introduction to Christian Missions**—A study of the Biblical and theological basis for missions, pointing out the implications of ecumenics, anthropology, and changing world conditions for present missionary practice. Three semester hours.
- 271. History of Christian Missions**—A survey of the beginning and progress of missions since the beginning of Christianity. Three semester hours.
- 275-276. Homiletics**—A study of the theory and art of preaching. Two semester hours each semester.
- 280-281. Practicum in Ministry**—Involvement in ministry either in a local congregation or on a mission field under approved supervision and involving adequate evaluation. Arrangements are to be made through the Area Chairman. One to three semester hours each semester. **Note:** This requirement may be met through a summer program of not less than eight weeks by advance arrangement with a local church or mission.
- 304. Materials and Methods of Christian Education**—A study of the materials, methods, agencies, and programs used in the Christian nurture of children and youth. Special emphasis is placed upon the opportunities for Christian teaching seen in Daily Vacation Bible School, graded worship, expressional groups, and Christian camping. Three semester hours.
- 308. Organization and Administration of Christian Education**—A study of church educational organizations and activities with an emphasis on administering these activities. Two semester hours.
- 317. Organization and Administration of Youth Programs**—An examination into various aspects of the Ministry to Youth and of the organizational structures upon which such ministries are based. Two semester hours.
- 318. Materials and Methods of Youth Ministries**—A study of the available resources for ministering to the needs of youth in the Church. Two semester hours.
- 452. Pastoral Counseling** (See Psychology 452).
- 477. Church Administration**—An examination of the organizational, promotional, stewardship, evangelistic, and worship responsibilities of the ministry with a view toward equipping the student to assume these responsibilities. Two semester hours.

RELIGION

- 275. Contemporary Challenges to Christianity**—An examination into the nature of faith, the types of faith operative in contemporary society, and types of life-styles that derive their basis in these faith-systems. The relationship between faith and knowledge is analyzed critically. Prevailing faith-systems are compared with Christianity. Available at Purdue Center only. Three semester hours.
- 350. Comparative Religions**—A comparative investigation of the structure and content of primitive, ancient, and contemporary religions of man. The study includes consideration of major doctrines, figures, and developments. Three semester hours.
- 351. Philosophy of Religion** (See Philosophy 351).
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

MISSIONS

The missions program at Milligan is structured for persons whose primary commitment is to the mission mandate of the Church, whether those persons plan to work in mission situations in their own local areas or in environments away from home.

The strength of the missions program lies in its interdisciplinary nature. It is, purposely and by design, rooted in the area of Biblical learning, since our understanding of the universe and our own places in it is predicated upon our understanding of God's purposes for mankind as revealed in the scriptures. However, recognizing at the same time that effective missionary ministry also necessitates an understanding of man's nature, the missions program incorporates a solid foundation in the social sciences. It is this unique combination of the two disciplines—Bible and Sociology—which comprises the core of the missions program.

The six semester hours of the Practicum in Ministry (CM 280-281) are especially important, since they are specifically designed to allow the student to gain experience in missions in a supervised field situation while under the direction of his faculty adviser.

Because it is interdisciplinary in nature, the missions program includes within it both a major and a minor. Furthermore, if the student wishes to add to his program, he may, in consultation with his faculty adviser and the respective Area Chairman, work toward a double major and or a double minor. The student will advance toward the Bachelor of Arts degree.

Required

New Testament courses	6 hours
Old Testament courses	6 hours
History 341-342 Church History	6 hours
History 431-432 Reformation of the 19th Century	6 hours
Christian Missions 270 Intro. to Christian Missions	3 hours
Christian Missions 271 History of Christian Missions	3 hours
Christian Ministries 280-281 Practicum in Ministry	6 hours
Sociology 210 Intro. to Cultural Anthropology	3 hours

Group Requirement—Four of the following seven courses must be completed.

Sociology 303 Family	3 hours
Sociology 314 Race and Ethnic Relations	3 hours
Sociology 401 Sociological Research	3 hours
Sociology 403 Urban Sociology	3 hours
Sociology 414 Seminar in Kinship	3 hours
Sociology 421 Sociology of Religion	3 hours
Sociology 461 Dynamics of Culture change	3 hours

Electives—The following courses are recommended.

Christian Missions 250 Church Growth	3 hours
Psychology 452 Pastoral Counseling	3 hours
Christian Missions 275-276 Homiletics	4 hours
Christian Missions 477 Church Administration	2 hours
Other Bible courses	
Other Sociology courses	

Area of Humane Learning

Dr. William C. Gwaltney, Jr., Chairman



Human achievement in the arts of thought and expression is one of the major studies of a liberal arts college. The aims of humane learning are the recognition and study of the ideas which have liberated and enriched the human spirit, the analysis of the various linguistic, graphic, and musical forms which have delighted the imagination of man, and the stimulation of creative expression of thought and emotion. Thus the "humanities" in partnership with science and revelation contribute to the freedom and moral potency of the human spirit. In the study of the humane disciplines, Milligan seeks to emphasize what is basic, feeling that a collegiate education should first of all equip men and women with a love for correct thinking and right living. Men and women so equipped will master whatever occupation they choose for a livelihood.

In the humane studies are grouped art, English, speech, foreign languages, music, humanities, and philosophy. At the present a major may be taken in the fields of English, music, and humanities. A minor can be taken in French, German, English, Greek, philosophy, music, and theatre arts.



ART

- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301. Fundamentals of Art**—An introductory study of the elements of art including subject, color, line, medium, organization, and style. Two semester hours.
- 305. Studio Workshop**—An open studio course especially designed for those students interested in pursuing an art project. One to three semester hours.
- 311. Art for Elementary Teachers**—Designed to acquaint students certifying in elementary education with objectives, materials, and procedures for the elementary school arts program. One semester hour.

ENGLISH

The course of study in English language and literature is designed to enable the student to write clearly and effectively, to read with appreciation, enjoyment, and understanding, and to construct intelligent standards for the critical evaluation of literature.

The major in English consists of thirty semester hours which must include English 304 or 305 and 460 or 461. Students having completed two years of Humanities will be credited with six hours toward the English major. The remaining twenty-four hours required for the major may be selected from the following five areas of the English offerings with the proviso that the student take a minimum of one course from at least four of the five areas: History and Structure of English (311, 312, 313); Medieval and Renaissance Literature (430, 460, 461, 462); Restoration and Eighteenth Century Literature (361, 432); Nineteenth Century Literature (304, 434, 435); Modern Literature (305, 402, 411, 412). Six hours of junior or senior level speech courses may be applied to an English major.

The minor in English consists of eighteen hours which may include six hours of humanities and must include courses in both American and English Literature.

- 211. Special Studies in Literature**—A reading and discussion course designed to introduce famous themes, types of literature, or contemporary emphases in literary writings. Not applicable toward the English major or minor. One or two semester hours.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not covered in a single course. Not open to freshmen. One to three semester hours.
- 304-305. Survey of American Literature**—A study of the literature of the American people with special attention to the writings of the major authors. Collateral reading is assigned in the American novel. Three semester hours each semester.
- 311. Advanced Grammar**—Advanced study in the principles of English grammar with attention to sentence structure, vocabulary, spelling, and verb forms. Offered alternate years. Three semester hours.
- 312. Introduction to Linguistics**—A study of the basic principles of linguistic analysis as specifically applied to the English language. Offered alternate years. Three semester hours.
- 313. History of the English Language**—A survey of the development of the English language from its origins to the present. Offered alternate years. Three semester hours.

354. **Children's Literature**—A study of children's literature designed to acquaint the student with the literary contributions suitable for elementary grades. Applicable toward an English major only for those certifying in elementary education. Three semester hours.
361. **Novel**—A study of the history and development of the novel as a literary type with special emphasis on the British novel and the American novel. Three semester hours.
375. **Philosophy in Literature**—(See Philosophy 375).
402. **Short Story**—A study of the development of the short story with some attention to creative writing. Offered alternate years. Three semester hours.
- 411-412. **Contemporary Literature**—A study of leading writers of fiction, poetry, and drama in the Twentieth Century, including English and non-English writers. This is a seminar course, involving discussions, independent research, and oral presentations. Three semester hours each semester.
430. **Medieval Literature**—A study of poetry, prose, and language from the Norman Conquest to the Fifteenth Century with emphasis on Chaucer and his contemporaries: Langland, Gower, Petrarch, and Boccaccio. Three semester hours.
432. **Restoration and Eighteenth Century Literature**—A study of selections of prose and poetry from the major writers of the Restoration and Eighteenth Century. Collateral reading of background materials is drawn from the writings of scientists, philosophers, historians, and other contributors to the cultural and intellectual milieu of the period. Three semester hours.
434. **Romantic Movement**—A study of the Romantic Movement in England with special emphasis upon the great poets of the period. Offered alternate years. Three semester hours.
435. **Victorian Period**—A study of the fascinating contradictions of the second half of the Nineteenth Century as expressed in the major poets, essayists, and novelists of the period. Offered alternate years. Three semester hours.



- 460. Renaissance Drama**—An examination of the earlier Shakespearean plays with collateral reading in the works of his fellow playwrights. Offered alternate years. Three semester hours.
- 461. Renaissance Drama**—An examination of the later Shakespearean plays with collateral reading in the works of his fellow playwrights. Three semester hours.
- 462. Renaissance Poetry and Prose**—Careful readings of the works of Spenser, Sidney, the Metaphysical poets, and Milton. Offered alternate years. Three semester hours.
- 490. Independent Study**—Independent work for senior English Majors in an area of the student's interest. The student's program will be under the supervision of one of the members of the English faculty. One to three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

FOREIGN LANGUAGES

The study and mastery of language are the chief avenues of human freedom and development. The study of language, other than one's own, introduces the mind to the heritage of other nations and civilizations; it enables one to find new shades of meaning in the expression of ideas; it gives new power to the imagination; and it contributes to the sympathetic understanding of other ways of life.

Successful completion of each semester of a language is a prerequisite to any subsequent semester in the sequence of that language. Admission for freshmen and transfer students with previous study of a language to advanced standing in that language in Milligan College will be determined by scores achieved on a placement test. A student who scores high enough on the placement test to enter the third year of a language may receive credit for the second year of that language. Credit will be given to those students who find it necessary to take the first year of the language.

A special concentration in Foreign Language is available only to those who are also majoring in Elementary Education. It consists of English 311 and 18 hours beyond the elementary level of a foreign language.

FRENCH

The minor in French will consist of 18 semester hours of classes beyond the level of French 111-112.

- 111-112. Elementary French**—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple French. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate French**—The reading of prose, with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. Advanced Conversation and Composition**—Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication in modern day France. Classes will be conducted in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.

- 311-312. Survey of French Literature**—A study of the literature of France from its beginning to the present. Readings, including entire works, are selected from prominent authors of each century. Discussion will be in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.
- 401-402. French Civilization and Culture**—A study of French civilization and culture from its origins to the present. Topics will include history, philosophy, art, music, and everyday life. Newspaper and magazine articles will supplement the text. Discussion and reports will be in French. Prerequisite: French 301-302 or consent of instructor. Three semester hours each semester.
- 490. Independent Study**—An individualized course of study in French language or literature. The content of the course will be determined by the student and a member of the French faculty. Prerequisite: French 302 or 312 or consent of instructor. One to three semester hours per semester with a maximum of six semester hours.

GERMAN

The minor in German will consist of 18 semester hours of classes beyond the level of German 111-112.

- 111-112. Elementary German**—The pronunciation and writing systems, oral mastery of basic structural patterns in dialog form, their variation through pattern drills, analysis of grammatical structures, reading, and written composition. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate German**—Continued conversational drill, oral practice in the variation of structural patterns, reading of selections from modern German literature, and written composition with a thorough review of pronunciation and grammar. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 301-302. Advanced Conversation and Composition**—Extensive practice in conversation and composition. Classes are conducted in German. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.
- 311-312. Survey of German Literature**—A study of the literature of the German-speaking peoples from its beginnings to the present. Reading and analysis of selections from the leading writers are included. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.
- 401-402. Seminar in German Studies**—A study of selected topics in German literature, language, or culture, according to the interests of the students. Prerequisite: German 302 or 312 or consent of instructor. Three semester hours each semester.
- 490. Independent Study**—Individualized readings or independent research in an area of the student's interest in German literature, linguistics, or civilization. Prerequisite: German 302 or 312 or consent of instructor. One to three semester hours.

GREEK

The minor in Greek will consist of 18 semester hours.

- 111-112. Elementary Greek**—A study of the elements of Koine Greek including drill on simple phrases and sentences and the acquisition of vocabulary. Readings in Johannine literature are included in the second semester. Three semester hours each semester.
- 221-222. Intermediate Greek**—The translation and grammatical analysis of New Testament passages representing a cross-section of Greek styles. The course also includes a study of intermediate grammar and some work with textual critical apparatus. Three semester hours each semester.

- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 331-332. Advanced Greek Readings**—Selected readings in the Septuagint, Philo, Josephus, and the Apostolic Fathers with attention to historical-theological contributions to these writers and works. Three hours each semester.

HEBREW

- 111-112. Modern Hebrew**—Reading, conversation, and composition, as well as basic grammar of Living Hebrew. Three class periods and two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate Hebrew**—Conversational drill, review of grammar, accelerated reading and composition, together with a cursory survey of Hebraic literature from Biblical times through the modern renaissance of Living Hebrew. Three class periods and one laboratory period per week. Three semester hours each semester.

SPANISH

- 111-112. Elementary Spanish**—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple Spanish. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate Spanish**—The reading of prose with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 311. Survey of Spanish Literature**—Reading of selections from the outstanding authors of Spain and some conversation and composition. Three semester hours.

HUMANITIES

The purpose of the major in humanities is to allow Milligan students to pursue an interdisciplinary course of study to fulfill the aims of the Area of Humane Learning. Although the major is not structured as a pre-vocational course, it does provide a broad undergraduate education from which a good student can move into several graduate programs or into secondary school teaching. It focuses upon the great ideas which have shaped history and created contemporary civilization.

Requirements for the humanities major are 24 hours of junior and senior level course work, including at least three hours of Humanities 490 and selected courses from among the disciplines of history, literature, philosophy, fine arts, foreign language, and Bible.

Each student majoring in humanities will work with an advisory committee selected from the humanities staff. Together they will design a program to meet the needs and desires of the individual student.

Students majoring in humanities will be encouraged to fulfill requirements for a minor from one of the above disciplines. However, students minoring in other fields may still major in humanities. There is no humanities minor.

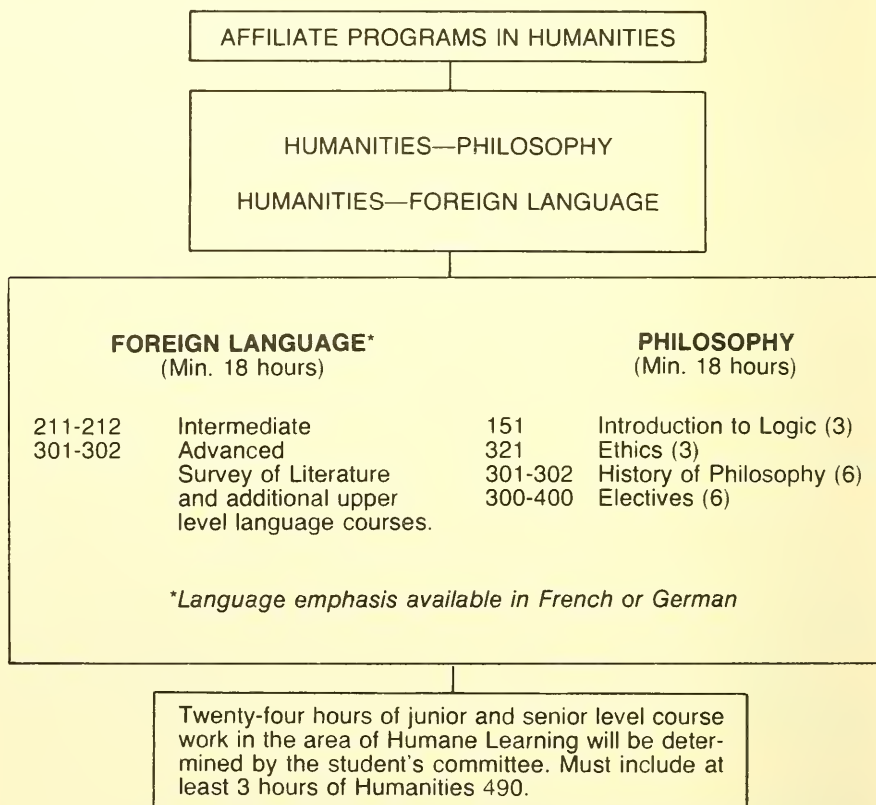
- 091. Reading Laboratory**—A direct and practical approach to reading skills (i.e., study-reading techniques, comprehension, speed reading), individualized to the needs of each student. Not applicable toward any major or minor. One semester hour.

- 093. Writing Laboratory**—A course providing extra instruction to freshman students who have below average writing skills. The course includes work in basic sentence structure, paragraph structure, and grammar. Students also learn to organize and develop an essay. Not applicable toward any major or minor. One semester hour.
- 101-102. Humanities**—An interdisciplinary course involving extensive reading in history, literature, philosophy, fine arts, and comparative religion as well as concentrated work in composition. Special attention is given to instruction in writing and to the history of civilization from prehistory to the eighteenth century, taking an integrated approach to learning. Six semester hours each semester.
- 200. Humanities European Study Tour**—A study tour of 12 European countries. Visits are made to sites of both historical and cultural significance. In addition to the travel students will complete reading and writing assignments and fulfill all the academic obligations outlined by the tour professor. Humanities 200 may be taken in lieu of Humanities 201 or 202. Students who have completed the required Humanities sequence may petition for credit in art or history. Prerequisite: Humanities 101-102. Six semester hours.
- 201-202. Humanities**—A continuation of the program of Humanities 101-102. Particular attention is given to the idea of progress and the general optimism of the nineteenth century as well as the anxiety and despair manifested in the twentieth century. World literature, philosophical themes, and artistic movements are given special emphasis. Six semester hours each semester.
- Note:** Humanities 101-102 is a required course of study for all freshmen working toward an A.S., B.A., or B.S. Degree. Humanities 201-202 is a required course of study for all sophomores working toward a B.A. or B.S. Degree.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 490. Reading and Research in the Area of Humane Learning**—An individualized course of study to be determined by the student and his advisory committee. At least three hours of Humanities 490 will be required for every humanities major. Students writing an undergraduate thesis in humanities may be allowed up to 12 semester hours of Humanities 490. One to six semester hours per semester.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

AFFILIATE PROGRAMS IN HUMANITIES

The Affiliate Programs in Humanities permit a student majoring in humanities to specialize in one of two areas: philosophy or a foreign language. Such programs would be especially advantageous to students wanting to do graduate study in one of these two areas without sacrificing the opportunity of doing the broader cross disciplinary humanities major at the undergraduate level. Students can also meet teacher certification requirements at the secondary level in the area of foreign language.

The requirements for the above majors include a minor in the field of concentration, additional courses in the area of Humane Learning to be determined by a committee from the area and chaired by the person responsible for the minor, and a suitable project or paper in Humanities 490.





MUSIC

The purpose of the Music Program is to provide musical training for careers in music and to promote understanding and enjoyment of music in the college at large. Milligan College offers both a major and minor in music. Students who participate in music should realize that this is an experience in aesthetics as well as in musical proficiency. Details of music requirements may be found in the Music Handbook.

Each student majoring in music selects either voice, piano, or organ for his primary area of concentration and must complete "applied Level VIII" requirements and present an acceptable senior recital. Music majors must be enrolled in an ensemble each semester that they attend Milligan College. The music major includes Music 143-4, 145-6, 243-4, 245-6, 381-2, 363, 385-6, and the applied music discussed above. All music majors must pass Freshman Comprehensive 199 at the end of the freshman year and Sophomore Comprehensive 299 at the end of the sophomore year. For those majoring in music and certifying to teach music, music shall be considered both the major and minor. In addition the music student wishing to certify to teach shall take Music 221, 222, 451, 452, Psychology 404, Education 407, and 461.

Milligan College offers a church music program designed specifically for those who wish to work with music in the church. Candidates will be trained in piano, conducting, voice, and building a graded choir for all ages. Opportunities for field work in local churches will broaden the student's musical and spiritual education while helping local congregations build their music programs. The church music major consists of Music 143-4, 145-6, 243-4, 245-6, 221-2, 363, 381-2, 385-6, 451-2, 462 (Hymnology), and 481. Twelve hours of applied music with a proficiency examination and seven hours of ensemble will be required.

The music minor consists of Music 143-144, 145-146, 381 or 382 or 301, 363, and applied music distributed as follows: a primary area of concentration (attaining Level VI and passing Proficiency 499) and a secondary area of concentration (attaining Level IV). Music minors are required to participate in a performing ensemble for a minimum of five semesters. (Participation in several ensembles in the same semester will count as one semester of the ensemble requirement completed.)

Auditions for senior recitals will be held at the beginning of the semester in which the recital is to be given, and recital material must be memorized at that time.

- 143-144. Basic Music Theory**—A course in beginning written theory and keyboard. Three semester hours each semester.
- 145-146. Basic Ear Training**—A partially programmed freshman course covering identification, sightsinging, and dictation. One semester hour each semester.
- 221-222. Instrumental Methods**—Basic performing, teaching, and maintenance techniques for the string, brass, woodwind, and percussion instruments, as well as selection of materials, methods, and instruments. One semester hour.
- 243-244. Advanced Music Theory**—A course in advanced concepts in music theory and keyboard. Prerequisite: Music 143-144. Three semester hours each semester.
- 245-246. Advanced Ear Training**—A sophomore course in advanced study of material similar to 145-146. One semester hour each semester.
- 301. Understanding Music**—Studies in techniques, forms, and style of music to acquaint the non-music major with the elements of musical culture. Three semester hours.
- 351. Music in the Elementary School**—Teaching music in the classroom kindergarten through sixth grade. Studies in the development of the child's musical abilities are included. Not open to music majors. Three semester hours.
- 363. Basic Conducting**—A study of conducting patterns, elements of interpretation, and practice in sightsinging. Prerequisite: Music 144 and 146. Two semester hours.
- 364. Advanced Conducting**—Choral conducting, including problems of tone, balance, and interpretation. Prerequisite: Music 363. Two semester hours.
- 381-382. Music History and Literature**—A survey of the development of Western music and studies of major composers and styles. Three semester hours each semester.
- 385-386. Form and Analysis**—A study of major forms of music. Two semester hours each semester.
- 451. Methods and Materials for Elementary Music**—A study of teaching methods and materials of music for children including studies of the child's musical development. Three semester hours.
- 452. Methods and Materials for Secondary Music**—A study of philosophy, curriculum, methods, and materials of teaching music and directing ensembles. Three semester hours.

- 462. Seminar**—Seminars in specific areas of music for advanced students in voice pedagogy, piano pedagogy, composition, accompanying, hymnology, organ literature, and opera workshop. Two semester hours.
- 481. Practicum in Church Music**—Applied music experience in an approved church music program. Six semester hours.

Comprehensive Evaluations

- 199. Freshman Comprehensive**—A test of general music accomplishment at the end of the first year of music study. See Music Handbook for details.
- 299. Sophomore Comprehensive**—A test of general accomplishment at the end of the second year of music study. See Music Handbook for details.
- 499. Proficiency**—A test of general accomplishment in the music major's secondary applied concentration. Music minors take Proficiency in their primary applied.

Applied Music

Each student majoring in music must select one area of applied music for his primary concentration. He must also pass Music 499. If a student does not select voice as a primary or secondary concentration, he will be required to take voice class but will not be required to pass a voice proficiency.

Each music major or minor will be expected to perform in his primary applied area before the music faculty each year. The senior student will perform a recital program.

Piano

- 101. Piano Class**—Rudiments of piano, for students with no prior training. One semester hour.
- 110, 111-410, 411. Piano for Majors**—Individual instruction in piano. One hour lesson per week. Two semester hours each semester.
- 150. Piano for Non-Majors**—Individual instruction for music minors and electives. One half-hour lesson per week. May be repeated. One semester hour.

Voice

- 104. Voice Class**—A study of the rudiments of vocal music, breathing, correct use of body control, diction, and the development of tone. Required of all prospective voice students with no prior training. Not applicable toward a major or minor in music. One semester hour.
- 114, 115-414, 415. Voice for Majors**—Individual instruction in voice. One hour lesson per week. Two semester hours each semester.
- 155. Voice for Non-Majors**—Individual instruction for music minors and electives. One half-hour lesson per week. May be repeated. One semester hour.

Organ

- 118, 119-418, 419. Organ for Majors**—Individual instruction with a concentration of music for the church organist and recital repertoire for qualified students. One hour lesson per week. Two semester hours each semester.
- 160. Organ for Non-Majors**—Individual instruction in orchestral instruments. One half-hour lesson per week. May be repeated. One semester hour.

Instrumental

- 116, 117-416, 417. Instrumental Instruction**—Individual instruction in orchestral instruments. One or two semester hours each semester.

Ensembles

Ensembles are considered the music laboratory for all music majors and minors and are to be taken each semester of the student's college career, except during Directed Teaching or Church Music Practicum. Placement in an ensemble is determined by an audition.

Choral

- 131A, 132A-431A, 432A. Milligan Men**—An ensemble of selected voices studying representative literature. Each year the group performs two major concerts and a limited number of additional programs. Four rehearsals per week. One semester hour.
- 131B, 132B-431B, 432B. Women's Chorus**—An ensemble of selected voices studying representative literature. Each year the group performs two major concerts and a limited number of additional programs. Four rehearsals per week. One semester hour.
- 133, 134-433, 434. Concert Choir**—A mixed chorus with a repertoire of major choral selections. High standards of vocal technique and musicianship are required. Five rehearsals each week. One semester hour.
- 135, 136-435, 436. Chamber Singers**—A small mixed chorus of selected singers who study and perform varied repertoire. The singers perform for limited outside engagements and at the annual Madrigal Dinners. One semester hour each semester.



Instrumental

- 103. Chamber Ensembles**—A series of small instrumental combinations for the study and performance of the literature of each ensemble. Three rehearsals per week. One semester hour.
- 103A. Brass Ensembles**—Brass quintets, trios, and brass choir.
- 103B. Woodwind Ensemble**—Woodwind quintets and woodwind choir.
- 106, 107. Band**—Instrumental ensemble studying and performing wind ensemble literature of the Baroque and Classical periods, as well as nineteenth and twentieth century band compositions. Three rehearsals per week. One semester hour each semester.
- 108. Orchestra**—Performance with the Johnson City Symphony Orchestra. One rehearsal per week for two and one half hours. One semester hour.

PHILOSOPHY

The study of philosophy is designed to increase the student's ability to think intelligently about man and the universe and about man's views basic to everyday social, political, economical, religious, and scientific theories and activities.

It introduces the student to the names and basic ideas of philosophers who have influenced the thought and action of the modern world. The study of philosophy cultivates an understanding and appreciation of the history and function of philosophy as an academic discipline.

Students minoring in philosophy will complete eighteen semester hours which must include Philosophy 301, 302, and 401. Three hours of Humanities 202 may be applied toward the philosophy minor.

- 151. Introduction to Logic**—The study of traditional and symbolic logic, including practice in logical analysis, the detection of fallacies, and the use of the syllogism. Three semester hours.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301. History of Philosophy (Ancient)**—A study of the beginnings of Greek Philosophy, through Augustine. Three semester hours.
- 302. History of Philosophy (Modern)**—A survey of the more important philosophical systems of the western world from the Sixteenth Century to the Nineteenth Century. Three semester hours.
- 303. History of Philosophy (Contemporary)**—A survey of twentieth century philosophy to Wittgenstein and Sartre. Three semester hours.
- 321. Ethics**—A study of theoretical and practical problems of moral conduct and proposed solutions. Emphasis is given to the nature of ethics, value, rights, and obligations. Three semester hours.
- 331. Aesthetics**—A study of the philosophical problems concerning beauty. Questions considered include: Are there objective standards of beauty? Are aesthetic propositions meaningful? Three semester hours.
- 350. Comparative Religions** (See Religion 350)
- 351. Philosophy of Religion**—A study of the nature and meaning of religion within various world views, including a comparative study of the more important religious movements. Prerequisite: Either Humanities 202 or Philosophy 301 and 302. Three semester hours.

- 375. Philosophy in Literature**—A study of the philosophical questions in selected classics of world literature. Three semester hours.
- 390. Mathematical Logic**—A study of the sentential calculus, axiomatic discussion of Boolean algebras, and formalization of deductive theories. Three semester hours.
- 401-402. Seminar Studies in Philosophy**—A seminar designed to develop the ability to do independent research and writing. One to three semester hours each semester.
- 446. Readings in Philosophy**—A concentrated program of readings in philosophy. Prerequisite: Minimum academic average of B. One to three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SPEECH AND THEATRE ARTS

Speech Communication

- 121. Fundamentals of Speech**—An analysis of speech problems through the study of model speeches. Emphasis is given to organization and presentation of speeches for specific occasions through the manuscript, memorized, impromptu, and extemporaneous methods. Three semester hours.
- 275. Homiletics**—(See Christian Ministries 275).
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a single course. Not open to freshmen. One to three semester hours.

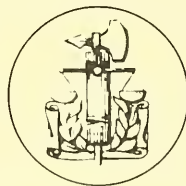
Theatre Arts

The theatre arts minor shall consist of eighteen semester hours and must include Theatre 151, 341, either English 460 or 461, and two semester hours selected from Music 104 and 155. Health and Physical Education 208 may also apply toward the minor.

- 151. Introduction to Theatre**—The history and literature of the theatre from its Greek origins to the present. Also emphasized will be theatre techniques such as lighting, costuming, and set design. Three semester hours.
- 340. Directing**—A course emphasizing study of the various elements in the production of a play: theory, selection of plays, interpretation of the play, scene design, costuming, and make-up. Directing is a laboratory experience which is especially recommended for students preparing to supervise plays in the public schools. Three semester hours.
- 341. Acting**—A course providing experience in the theory of effective acting techniques: methods of acting, stage movement, stage business procedures. Laboratory experience includes participating in a play. Three semester hours.
- 342. Advanced Acting**—A course providing advanced acting with an emphasis on Greek, Shakespearian, and Restoration comedy techniques. Prerequisite: Theatre 341. Three semester hours.
- 490. Readings in Drama**—A concentrated program of readings in drama designed to provide a solid repertory available to the beginning dramatist. Prerequisite: Six hours in drama. One to three semester hours.
- 491. Theatre Workshop**—An opportunity to gain experience in practical theatre work—costuming, lighting, set design, production, and direction. Open to juniors and seniors only. One to six semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

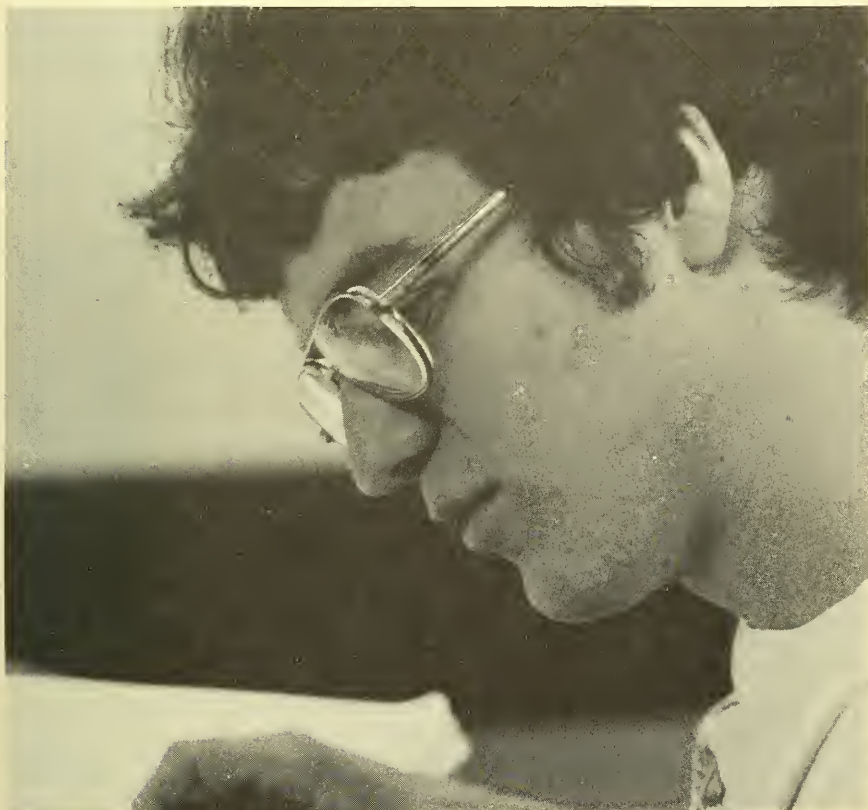
Area of Professional Learning

Dr. Paul Clark
Mr. Eugene Price, Co-Chairmen



The curricula in the Area of Professional Learning are offered to those students who are planning careers in business or education. Courses in accounting, business administration and economics, health and physical education, secretarial science, and education are designed to prepare students for employment in these fields, to give them knowledge of the history and literature of the respective disciplines, and to make them aware of related problems. They are also designed to provide such curricula leading to degrees as will combine specialized training with a liberal education. Study in any one of these professional fields will prepare the qualified student for graduate study.

A student majoring in business administration and economics may not minor in accounting. A student majoring in accounting may not minor in business administration and economics. Any courses counting toward a major may not also count toward a minor or a second major.



ACCOUNTING

Courses in accounting are designed to prepare the student for careers in accounting and related areas. Basic skills are learned and practiced, and the use of accounting as a management tool is emphasized.

The Bachelor of Science degree with a major in accounting consists of 33 semester hours which must include Economics 201-202, Accounting 211-212, Accounting 301-302, Accounting 415, Economics 301, and nine semester hours of accounting electives at the junior and senior level. A grade point average of 2.25 is required in the major.

The accounting minor consists of 24 semester hours which must include Economics 201-202, Accounting 211-212, Accounting 301-302, and six semester hours of accounting electives at the junior and senior level.

- 211-212. Introductory Accounting**—An introduction to the principles of accounting. Covered are the fundamentals of recording, summarizing, and analyzing business transactions; also given are detailed consideration of recording in books of original entry, posting to ledger, completion of period summary, and preparation of accounting statements. Three semester hours each semester.
- 301-302. Intermediate Accounting**—A continuation of the study of the principles of accounting with emphasis upon the more intricate details of the accounting process. Special attention is given to unusual accounting problems and to statement analysis and application. Prerequisite: Accounting 211-212. Three semester hours each semester.
- 311. Cost Accounting**—A study of the methods of accounting for material labor and overhead in manufacturing. The job order cost system, process cost, and standard cost systems are considered. Offered alternate years. Prerequisite: Accounting 211-212. Three semester hours.
- 312. Auditing**—A study of audit theory and procedure as applied to verification of accounts, internal control, professional ethics, and the preparation of reports. Prerequisite: Accounting 211-212. Offered alternate years. Three semester hours.
- 411-412. Income Tax Accounting**—An introduction to federal taxes on income and the preparation of tax returns for individuals, partnerships, and corporations. The course includes a study of the concepts of income, capital gains and losses, and deductible expenses. Also covered are accounting methods, including withholding procedures, inventories, estate taxes, gift taxes, and social security taxes. Prerequisite: Accounting 211-212. Three semester hours each semester.
- 415. Advanced Accounting: Theory**—A continuation of the study of the principles of accounting with emphasis on the more complex accounting environment. This includes such areas as business combinations, bankruptcies and other liquidations, intercompany transactions, segment reporting and accounting, and reporting for the SEC. Prerequisite: Accounting 302. Three semester hours.
- 416. Advanced Accounting: Problems**—This course concentrates on preparing the student to handle complex accounting problems of the type that frequently appear on the CPA exam. While the course is primarily oriented to the student planning to go into public accounting, it also will have substantial value for the student interested in large company controllership. Prerequisite: Accounting 401. Three semester hours.

BUSINESS ADMINISTRATION AND ECONOMICS

Courses in business administration are primarily of a vocational nature and are concerned with the specific application of general economic and commercial principles. They emphasize knowledge and techniques useful to students intending to pursue careers in business.

The main purpose of the courses in economics is to develop in the student the ability to analyze and understand economic principles and institutions from a historical as well as a contemporary point of view. These courses furnish the theoretical background necessary for the achievement of a particular vocational or professional goal. They also constitute the academic basis for graduate study in economics and related fields.

The Bachelor of Science degree with a major in business administration and economics consists of thirty semester hours including Business Administration 211-212; Economics 201-202, 301, 451; and twelve hours of business or economics electives at the junior and senior level. A grade point average of 2.25 is required in the major.

The business administration and economics minor consists of eighteen semester hours including Business Administration 211-212, Economics 201-202, and six hours of business or economics electives at the junior and senior level.

A student may elect to take a Bachelor of Arts degree with a major in business administration and economics by substituting six semester hours of a foreign language at the intermediate level for six hours of business or economics electives.

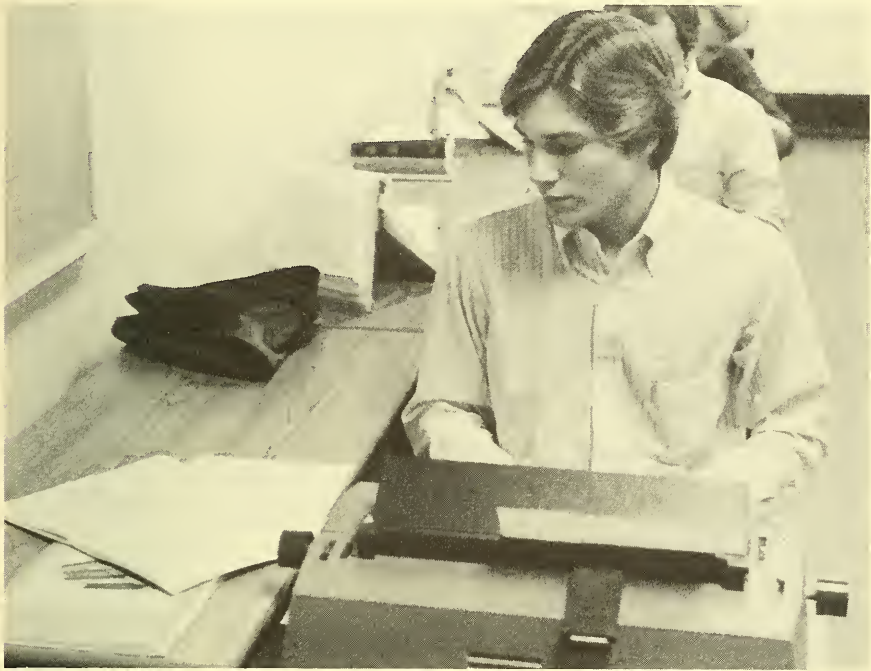
BUSINESS ADMINISTRATION

290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
304. **Advertising**—A study of the principles of advertising along with its function and aims in business. Attention is given to the economic and psychological principles involved. There is also a study of market analysis and its importance to the field of advertising. The mechanics of layout, media, and copy writing are considered. Offered alternate years. Three semester hours.
315. **Marketing**—A survey of marketing principles and problems and a detailed analysis of markets, market prices, and marketing agents. Consideration is also given to the struggle among the various agencies for the control of the market. Prerequisite: Economics 201-202. Three semester hours.
361. **Principles of Management**—A study of the basic principles of management. Also considered are decision-making and the fundamental function of management, planning, organizing, actuating, controlling, and the application of the process of management to selected areas. Studies of individual firms are discussed. Prerequisite: Economics 201-202. Three semester hours.
362. **Personnel Management**—A study of the principles and policies governing employer-employee relationships and a consideration of the problems and practices of hiring, supervising, and terminating workers. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.
363. **Industrial and Public Relations**—A study of the principles involved in developing and carrying out a satisfactory business and ethical relationship with people and with other business firms. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.
- 401-402. **Business Law**—A study of the law of contracts, agency, negotiable instruments, property, sales, bailments, insurance, partnerships, corporations, bankruptcy, and business torts and crimes. Emphasis is placed upon the application of principles to commonly occurring commercial situations. Offered alternate years. Three semester hours each semester.

- 491. **Field Work**—A practicum experience that will involve the student in a position in business under adequate supervision for the joint purposes of learning about business and possible occupational choices. One to three semester hours.
- 495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

ECONOMICS

- 201-202. **Principles of Economics**—A comprehensive study of the principles and factors of production, exchange, distribution, and consumption of economic goods. Included are a rapid survey of existing economic systems and a brief history of economic thought. Three semester hours each semester.
- 290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301. **Corporate Finance**—A study of the basic financial structure of the corporate type of business enterprise. Emphasis is given to the various methods of financing and to the role that management plays in determining financial policy. Prerequisite: Economics 201-202 and Business Administration 211-212. Three semester hours.
- 304. **Government and Business**—(See Political Science 304).
- 311. **History of Economic Thought**—A review of principal analytical ideas of the great economists and an analysis of the socio-economic conditions which influenced their ideas. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 312. **Economic History of the United States**—An examination of the economic development and growth of the United States economy from the Colonial Period (Seventeenth Century) to the present time. Emphasis is on the economic impact and consequence of historical events and developments. Offered alternate years. Prerequisite: Economics 201-202 or History 311. Three semester hours.
- 401. **Labor Economics**—A study of the labor movement in the United States with emphasis on pertinent federal and state legislation regulating labor-management relations and the effects of such regulation upon the national economy. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 402. **Public Finance**—A study of public expenditures, public revenues, fees, taxes, and public debt. A thorough consideration is given to the present tax system. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 403. **Money and Banking**—A study of our monetary system and theory along with a survey of the commercial banking system of the United States. Banking principles are analyzed, and banking institutions are studied to observe the application of principles. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 451. **Comparative Economic Systems**—A comparative and analytical study of capitalism, socialism, and communism, as they have developed in the countries whose economies they now characterize. Prerequisite: Economics 201-202. Three semester hours.
- 495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



SECRETARIAL SCIENCE

Secretarial science majors may work toward the Bachelor of Science degree with a major in secretarial science or, by taking six semester hours of a foreign language on the intermediate level rather than six hours of electives, may work toward a Bachelor of Arts degree with a major in secretarial science.

Secretarial science majors should complete the thirty-one hours of secretarial science courses which are described below. Minors should complete eighteen semester hours.

An intensive two-year terminal secretarial program has been designed for students who desire to acquire vocational competence in secretarial skills in the setting of a Christian liberal arts college. The curriculum consists of Secretarial Science 131-132, 143-144, 231-232, 243-244, 351-352, 470-472; Bible 123-124; Economics 201-202; Psychology 155; two hours of physical education activity courses; and twenty hours of elective courses.

A student who wishes to certify for the teaching of business education should complete Business Administration 211-212; Economics 201-202; Secretarial Science 131-132, 143-144, 231-232, 243-244, 351-352, 470-472; and Mathematics 108.

The Associate in Science degree in secretarial science is designed for the two-year terminal secretarial student who wishes a broad liberal arts background and an accredited degree. Hours completed for the A.S. degree may also be applied toward the B.S. degree. Required courses are Bible 123-124, Humanities 101-102, Secretarial Science 131-132, 143-144, 231-232, 243-244, 351-352, 470-472, Economics 201-202, Psychology 155, Accounting 211-212, and one elective course of three semester hours.

Students who have taken typing in high school may take a placement test before registration to demonstrate typing proficiency. Students demonstrating proficiency will not be required to take Secretarial Science 131.

- 131-132. Beginning Typing**—Mastery of keyboard and other working parts of the typewriter. Emphasis is placed upon accuracy, speed, and continuity of movement. Letter writing, centering, tabulation, envelope addressing, and arrangement of typewriter material are stressed. One and one-half semester hours each semester.
- 143-144. Beginning Shorthand**—A thorough and systematic study of the basic shorthand principles and outlines of Gregg shorthand through the reading of shorthand and drill in dictation. Three semester hours each semester.
- 231-232. Advanced Typing**—A comprehensive review of letter writing and tabulation. Manuscripts, proofreading, numbers, legal documents, and other business forms are emphasized. Three semester hours each semester.
- 243-244. Advanced Shorthand**—Intensive practice in reading and writing for the development of speed and accuracy, advanced study in dictation and transcription, machine practice in dictation, and study of secretarial procedures and practices. Three semester hours each semester.
- 331. Legal Office Typing**—A comprehensive program in four major fields of law: Real Estate and Property Transfer; Litigation; Wills, Estates, and Guardianships; and Partnerships and Corporations. Practice material is provided to familiarize the student with legal terminology and procedures and to acquaint the student with legal format, parlance, vernacular, and dictation rules in order that the student may feel at home the first day in the law office. Prerequisite: Secretarial Science 231. Three semester hours.
- 351. Business English**—A review of English grammar and a study of the various types of business letters. The purpose is to establish in the mind of the student the principles underlying effective business letters and to provide practice in applying these principles. Two semester hours each semester.
- 352. Communications in Business**—A consideration of the principles of good business writing: clarity, conciseness, the "you-attitude," and verbal precision. A study of the differences between persuasion and conciliation, between the delivery of bad news and the delivery of good, between memos that must effectively request and those that must effectively demand. Two semester hours.
- 360. Records Management**—A systems approach to the field of records management including the criteria by which records are created, stored, retrieved, and disposed of and the procedures for the operation and control of manual and automated storage systems. The concept of business information systems is applied to record management. Machine coding systems including the punched-card system, the KWIC Retrieval System and coding to the computer system are studied. Two semester hours.
- 470. Administrative Office Management**—A study of systematic information processing and its role in administrative office management. Also included is an in depth study of the three main components of effective information processing: employees, equipment, and work process. Three semester hours.
- 472. Secretarial Practice**—An advanced course in office procedures and the use of business machines. Prerequisite: Secretarial Science 241-242 and 243-244. Three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



EDUCATION

The program of teacher education is designed to serve persons who wish to be certified for teaching elementary, secondary, early childhood, and exceptional children. In addition to their service to the professional student, courses in this discipline are prepared to give the religious education student knowledge of the principles of education. These courses will also give the student who may become a member of the school board or the parent-teacher association an acquaintance with the public school and education methods. The knowledge and experiences in human interaction and leadership included in the educational program provide an excellent general education experience.

Students in Milligan do their observation and student teaching in the public schools of the nearby communities. A special feature of the program is a semester of professional education. During one of his senior semesters a student will do nine weeks of full-time student teaching and will attend a group of seminars which are especially designed to give a combination of theory and practical experiences in education.

Admission to the Teacher-Education Program

A student who desires to enter the teacher-education program should make formal application through the Director of Teacher Education. Transfer students desiring to enter the program should apply for admission the first semester they are enrolled in Milligan.

To be admitted to this program, the student must have a grade point average of 2.0 and have completed Psychology 252 with a grade of "C." In addition to applying for admission, the student will be required to take a battery of tests which will be administered by the College Director of Testing. This test battery includes a personality evaluation and selected tests from the California Achievement Test which are now required by the Tennessee Department of Education. Test administration will be scheduled during the registration week each semester. Final approval will be given by the committee on admissions in the education program. Since this approval is a necessary prerequisite to enrolling in education classes, students should be admitted at least by the end of the sophomore year.

A student must be recommended by the faculty in his major field and have a 2.25 grade point average to be admitted to the education semester.

A minimum of two semesters is required in the regular teacher-education program. Admission to the program does not guarantee completion. If for any reason the education faculty decides that the student should not continue in the program, he may be required to withdraw any time before completion.

Certification

Milligan offers curricula for certification issued by the State of Tennessee for elementary and secondary teachers. For the past several years a large percentage of Milligan's graduates have entered the teaching profession. Course work in Milligan has enabled these students to be certified not only in Tennessee but also in states throughout the nation. Milligan is accredited by the National Council for the Accreditation of Teacher Education.

National Teacher Examination

Students in the teacher program will be required to take the National Teacher Examination during the last semester of their senior year.

Student Teaching

Students applying for student teaching should have completed Psychology 252 and either Education 411 or Education 471. The student teaching will be done during the senior year. The application should be made by May 1 for the fall semester or by December 1 for the spring semester.

The student teacher applicant should have a minimum grade point average of 2.25 and expect to take only 18 hours of credit during the student-teacher semester. As a part of the application, the Director of Student Teaching will ask for a list of courses which the student plans to take for each of the remaining semesters of his Milligan B.A. or B.S. program.

Special Arrangements of Education Courses

Elementary Education students should plan to take in a block arrangement three courses: Education 315, Introduction to Reading; Education 316, Teaching of Reading; and English 354, Children's Literature. A five-day-a-week, three-hour time period is scheduled for these courses. In the activities of these courses students have an intensive period of instruction, a time for a clinical arrangement with a child with reading problems, and a period of time to work with a reading group in the public school.

The elementary education semester includes Education 230, Exceptional Children in the Public School (if the student has taken Education 231, this course is not required); Biology 350, Science for the Grades; Education 412, Materials and Methods of Elementary; and Education 421, Directed Teaching. The secondary education semester includes Education 230, Exceptional Children in the Public School; Psychology 404, Educational Psychology; Education 472, Materials and

Methods; and Education 461 or 481, Directed Teaching. The theoretical courses are completed in the first half of the semester. The practicum during the second half of the semester includes directed teaching with an accompanying seminar period.

Elementary Education Major

The major in Elementary Education is designed for those desiring a career as an elementary school teacher. The general education requirements for this major includes: Bible 123, 124, 471; Humanities 101, 102, 201, 202; Psychology 155, 252; Biology 110; Physics 103; Sociology 201, 303; and 2 hours of physical education activities.

The Elementary Education major consists of Math 103, 104, 105; Speech 121; H&PE 203, 208, 311 (1 hour), 411; Art 301, 311; History 309, 310; Biology 350; Music 351; English 354; and Education 230, 315, 316, 407, 412, 421.

Students completing the elementary education major must also complete an area of concentration which may be chosen from the following special curricula created by various areas and available only to those majoring in elementary education: The *Biblical Studies* concentration consists of Bible 201, 202; 6 hours of advanced Old Testament; and 6 hours of electives in Old and New Testament. The *Social Studies* concentration consists of Political Science 311 and 15 hours of electives in economics, sociology, political science, and history. The *Mathematics* concentration consists of Math 111, 112, 201, 214, 215 and 3 additional hours of mathematics electives. The *Science* concentration has two options: Track I consists of Biology 120, 140, 360 and four additional hours selected from Chemistry 150, 251 or Physics 201. Track II of the Science concentration consists of Chemistry 103, 104; Biology 360; and an elective chosen from Biology 250 or 210. The *Foreign Language* concentration consists of English 312 and 18 hours beyond the elementary level of a foreign language. The *Language Arts* concentration consists of English 311, 402; Speech 151 or 340; and 12 hours of electives in English, speech, and theatre arts at the junior or senior level.

Elementary majors may choose to take a second major instead of one of the areas of concentration described above. Elementary education students will have as their academic advisers the Director of Teacher Education and a professor from their chosen area of concentration or second major.

Secondary Education Curriculum

The program for certification in secondary education is designed for those interested in a teaching career in the junior or senior high school. Students completing the certification will also complete an academic major and an academic minor. If the student selects a major that is not approved for certification, he should have a sufficient number of hours in one of the following areas for certification endorsement: Biology, Business, Chemistry, English, History, or Mathematics. Secondary certification may be completed with the Bachelor of Science degree (selected majors) or the Bachelor of Arts degree (language through the intermediate level required). In addition to the general education requirements and those of a major and minor, certification in secondary education requires completion of the following: H&PE 411 or Sociology 303 and one hour of physical education activity; Math 103; and 24 hours of professional education which must include Education 230, Education 407; Education 471; Education 472; Education 481; Psychology 252; and Psychology 404.

K-12 Curriculum

Music and Health and Physical Education are K-12 teacher education programs, but the professional education courses are only slightly different from the secondary program. Students in these areas take special methods courses. Health and physical education students should add Mathematics 103 to their general education program. Music students should add, in addition to Mathematics 103, four hours of health and physical education to their general education program.

Special Education Curriculum

Milligan College offers a special education curriculum which is a noncategorical program with emphasis in learning. The special education student, who is required to certify in either elementary or secondary education in addition to special education, will qualify for modern mainstreaming or the teaching of a special education class. Students will have practicum experience with at least three of the following types of children: learning disabled, mentally retarded, emotionally disturbed, physically handicapped, or gifted. The following courses are required for certification: Education 231; Education 315; Education 316; Psychology 357 or Psychology 353; H&PE 406; Education 432; Education 433; Education 434; Education 435 (6 hours); and Psychology 454.

Early Childhood Curriculum

Milligan College offers a program in early childhood education. The following courses should be added to the elementary education certification in order to qualify the student for certification in early childhood education: Education 441, 442, and 443.

230. **Exceptional Children in the Public Schools**—A course including a summary of the special characteristics of exceptional children including the gifted, mentally retarded, emotionally disturbed, brain injured, visually impaired, hearing impaired, speech handicapped, and learning disabled. The course also includes a discussion of the mainstreaming approach to reaching exceptional children. Two semester hours.
231. **Psychology and Education of Exceptional Children**—An introduction to the education of exceptional children and the psychological aspects of these exceptionalities. The exceptionalities include high mental ability, mentally retarded, brain injuries, visual impairment, impaired hearing, speech handicaps, and learning disabilities. The course includes observation. Two semester hours.
252. **Developmental Psychology**—(See Psychology 252).
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
315. **Introduction to Reading**—A study of the reading process as it is presented in public schools. The course will include the related factors involved in reading such as language arts, vocabulary development, comprehensive skills, and study skills. Three semester hours.
316. **Teaching of Reading**—A study of the objectives, materials, and techniques of reading in grades one through eight with emphasis upon developing readiness, preventing retardation, and planning a balanced reading program. The class includes lectures and supervised observation. Three semester hours.
404. **Educational Psychology**—(See Psychology 404).
407. **History and Philosophy of Education**—A survey of the development of education from ancient Greek times to the present. Three semester hours.
- 411-412. **Materials and Methods of Elementary Education**—A general study of the materials and methods of elementary education with specific attention to the teaching of the language arts, mathematics, and social studies. Two semester hours each semester.
421. **Directed Teaching in the Elementary School**—A teaching experience in the public school under the supervision of the classroom teacher with the aid of the college supervisor and major professor. Teaching may be done at two levels. Eight semester hours.

- 432. Learning Problems of Exceptional Children**—A study of the learning problems of exceptional children including reading problems, arithmetic problems, auditory problems, visual problems, and perceptual motor problems. An introduction to some of the diagnostic tests will be included. Three semester hours.
- 433. Educational Procedures for Exceptional Children**—Educational procedures and materials for teaching exceptional children including learning disabled, mentally retarded, emotionally disturbed, physically handicapped, gifted, and socially maladjusted with an emphasis on learning. Techniques discussed include behavior modification, perceptual remediation, cognitive and intellectual development, and the use of various apparatus helpful to exceptional children. Three semester hours.
- 434. Practicum in Special Education**—A student practicum in a special education classroom. Three semester hours.
- 435. Trends and Issues in Special Education**—Readings and research in special education. One to six semester hours.
- 441. Early Childhood Education**—A study of philosophical and theoretical foundations of early childhood education. Child study and observation in off-campus kindergarten are required. Two semester hours.
- 442. Methods and Materials for Kindergarten**—Observation and participation in kindergarten. Basic needs and characteristics of three, four, and five-year-olds in all areas of development; the kindergarten program; curriculum, routine activities, records, and parent-teacher relationships will be emphasized. Two semester hours.
- 443. Early Childhood Practicum**—A two-hour-a-day experience, lasting for one semester, in a student teaching situation at the early childhood level. Three semester hours.
- 461. Directed Teaching K through 12**—A teaching experience at both the elementary and secondary levels in the public schools. The teaching experience is supervised by the classroom teacher with the aid of the college supervisor and the major professor. Eight semester hours.
- 471. Materials and Methods in Specific Secondary Subject Areas**—Courses in materials and methods in the specific subject matter areas in which Milligan College offers secondary teacher education programs. Three semester hours.
- 472. Materials and Methods of Secondary Education**—A study of the materials and methods of secondary education with specific attention to curriculum construction and the solution of problem situations. Two semester hours.
- 481. Directed Teaching in the Secondary School**—A teaching experience in the public school under the supervision of the classroom teacher with the aid of the college supervisor and major professor. Teaching may be done at two levels. Eight semester hours.
- 490. Modern Educational Problems**—A survey of modern educational problems. The course may be an intensive supervised individual study or a seminar with regular meetings throughout the semester. One to six semester hours.

HEALTH AND PHYSICAL EDUCATION

Milligan College recognizes the need for physical and social as well as intellectual and spiritual development for the student seeking a liberal education. Courses are designed to give every student an opportunity to participate in a variety of sports as well as prepare himself to teach physical education and health in the public schools. Helpful courses are also available in the field of recreation.

A student may major in health and physical education. A minor in either physical education or health may be selected by a student who does not choose to major in health and physical education.

A major in health and physical education consists of a minimum of 34 semester hours including Health and Physical Education 111, 203, 204 or 205 or 206, 208, 209, 211, 300 or 302, 301, 311, 312, 403, 404, 406, 411. The major must also include Biology 250-251 and either Sociology 303 or Psychology 353 or 358. Health and Physical Education 302 is recommended for prospective coaches.

The above major with the professional education requirements for certification will allow a student to be prepared to teach both physical education and health in the public schools.

The minor in physical education consists of a minimum of 18 hours including Health and Physical Education 203, 204 or 205 or 206, 208, 209, 300, 312, 403, 404, and 406. For the teacher education student Biology 250-251 is also required. The teacher education student may elect an emphasis at the elementary or secondary level within this minor.

The minor in Health consists of a minimum of 18 semester hours and includes Health and Physical Education 111, 211, 311, 411, Sociology 303, and Psychology 353 or 358.

111. **Personal Health**—A consideration of problems pertaining to the physical and social well-being of the individual. Included is a study of drugs, diseases, and important knowledge relating to health habits and attitudes. An overview of the health field is explored, with an emphasis on health careers. Three semester hours.
151. **Team Sports**—Active participation in such sports as football, field hockey, soccer, and volleyball. One semester hour.
152. **Team Sports**—Active participation in such sports as basketball, team handball, speedball, and softball. One semester hour.
153. **Golf and Racketball**—Instruction and participation at the beginning levels in each of these sports. Special fee. One semester hour.
154. **Beginning Swimming**—A course designed for non-swimmers. American Red Cross certification is available for beginning swimming, advanced swimming, and basic survival swimming. One semester hour.
155. **Beginning Badminton and Tennis**—A study of basic strokes and skills for beginning students in each of these lifetime sports. One semester hour.
156. **Intermediate Badminton and Tennis**—A study of skills and techniques of play for those beyond the level of beginners. One semester hour.
157. **Gymnastics, Stunts, and Tumbling**—Stunts and tumbling activities and gymnastics commensurate with student's ability and available apparatus. One semester hour.
158. **Snow Skiing**—Instruction at a nearby ski resort. The class is divided according to level of skill, beginner to advanced. Special fee. One semester hour.
159. **Horseback Riding**—Instruction at nearby stables on gaited horses and English tack, for beginners as well as intermediate and advanced riders. Special fee. One semester hour.
161. **Archery and Racketball**—Knowledge and skill development in target archery and racketball. One semester hour.
199. **Special Activity**—Activities not offered as material in regular course offerings, but as student interest indicates. Possibilities include scuba diving, weight lifting, karate, bicycling, and others. One semester hour.
203. **Physical Education for Elementary Schools**—A course designed to prepare the student to direct a full program of physical education activities for grades one through eight. Three semester hours.

204. **Intermediate Swimming**—A course designed for students who need additional work on various strokes and diving. Advanced survival swimming will be stressed. American Red Cross certification is available in both intermediate and advanced survival. One semester hour.
205. **Advanced Swimming and Senior Lifesaving**—A course designed primarily for those interested in pool and beach life-guarding. American Red Cross certification is available for swimmer, advanced swimmer, and lifesaving. One semester hour.
206. **Water Safety Instructor Course**—American Red Cross certification available for Instructor of Beginning Swimming and for Water Safety Instructor. Prerequisite: American Red Cross certification in lifesaving. One semester hour.
207. **Conditioning Exercises and Weight Training**—A study of theory and practice in conditioning exercises suitable for men and women. Consideration is given to weight training for good body contour, strength, and endurance as desired by the individual. One semester hour.
208. **Folk Dance and Rhythmical Activities**—Rhythmical exercises, elementary steps and folk dances of various countries. One semester hour.
209. **Motor Learning**—A study of basic skills, knowledge, and psychology of movement education and the application of mechanical principles to skills and skill learning. The student selects an emphasis on the elementary or secondary education level. Two semester hours.
211. **Community Health**—A study of the function and organization of Public Health with emphasis on work of various agencies and the individual's responsibility for community health. Various kinds of pollution, chronic diseases, use of drugs, and consumer health are studied. Three semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
300. **Teaching Secondary School Physical Education**—A study of materials and methods, skills and techniques in teaching secondary public school sports and physical education activities. Three semester hours.
301. **Teaching Individual and Dual Sports**—Emphasis on teaching knowledge, skills, and appreciation of lifetime sports. Two semester hours.
302. **Coaching and Officiating Football, Basketball, Baseball, Volleyball, Track, and Soccer**—A study of coaching techniques and strategy, designed to add in-depth understanding and preparation for coaching these sports at various levels. In addition to coverage of officiating the course includes coaching philosophies, coach-player-team-school relationships. One to six hours with choice of sports.
309. **Applied Physical Education (or Health)**—A course available in specific areas of health or physical education for the major or minor student. The student works closely with the professor to further prepare for teaching. Two semester hours.
311. **Safety Education and First Aid**—A course designed to include a wide range of safety programs. The first six weeks will be devoted to first aid training, including Cardio-Pulmonary-Resuscitation. Red Cross Certification is available (one hour). The remainder of the course is designed to include safety programs for school, community, vocations, and leisure time. One or three semester hours.

- 312. Introduction and History and Philosophy of Physical Education**—An introduction to the profession. Consideration is given to the pioneers in the field, to its historical development, and to the principles and philosophy which led to the modern program. Three semester hours.
- 403. Measurement and Evaluation in Physical Education**—An analysis of current testing programs. Skill tests, physical fitness, and motor fitness tests are included. Two semester hours.
- 404. Organization and Administration of Health and Physical Education**—A study of school problems, including curriculum development, program organization and supervision, and intramural and inter-school athletics. Three semester hours.
- 406. Adaptive Physical Education**—A study of programs and services for the atypical student at all grade levels. Two semester hours.
- 409. Recreational Leadership and Outdoor Education**—A study of recreation programs; personnel, areas and facilities; and current practices in camp leadership and administration. The study includes such outdoor activities as camping, hiking, mountain climbing and boating. Limited practical application. Three semester hours.
- 411. Health Education**—A survey of the principles and practices of health education. Emphasis is placed on methods and techniques for teaching. Three broad areas are included: health instruction, school health services, and healthful school living. Three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



Area of Scientific Learning

Dr. Eddie Leach, Chairman



BIOLOGY

The biological studies seek to acquaint the student with the basic phenomena pertinent to an understanding of the living world. The relationships of chemistry and physics to the living activity and survival are stressed, and the student is made aware of his role in the environment. It gives attention to the student who is interested in a general grasp of the field, as well as those who are directing their activity to medicine, dentistry, or some specific area of the biological discipline. Students interested in a biology degree should see a member of the biology faculty early in their program.

The Bachelor of Arts degree in biology is designed for those seeking sufficient training in the field to enable them to teach the science in an elementary or secondary school. It is to be considered as a terminal program and is not designed to prepare the student for pursuing an advanced degree in biology or for a medical career. The requirements for the Bachelor of Arts degree in biology consist of twenty-four hours of biology courses which must include Biology 110, 120, 140, 210, 250, and 251; fourteen hours of chemistry, including Chemistry 251; and Mathematics 111 and 112.

The Bachelor of Science degree should be sought by those who wish to continue their studies in biology for an advanced degree and by those who plan to enter a medical field of study. The requirements for the Bachelor of Science degree are thirty-six hours of biology courses which must include Biology 110, 120, 140, 210, 220 or 240, and 310; a minor in chemistry, including Chemistry 301 and 302; Mathematics 111 and 112, with calculus recommended, and Physics 201, 202.

Two special concentrations in Science are available only to those who are also majoring in Elementary Education. In addition to the science required of all students and the elementary education major, Track I consists of Biology 120, 140, 360, and four additional hours selected from Chemistry 150, 251, or Physics 201. Track II consists of Chemistry 103 and 104, Biology 360, and an elective selected from Biology 210 or 250.

After evaluation of each student's curriculum, the biology faculty may require additional courses in order to assure that the student will be adequately prepared to enter his chosen field of study.

A biology minor must include Biology 110, 120, 140, and two elective four-hour courses.

No more than four hours credit in either Biology 215 or 490 or a combined total of six hours in both courses may be applied toward the requirements for a major in biology. Credit in 215 or 490 may not be applied toward a minor in biology.

- 110. Human Biology**—A study of fundamental biological concepts of particular relevance to man and his place in the living world. Included are discussions of the present and future status of the survival of man in a world of increasing biological problems. Four semester hours.
- 120. Botany**—An intensive survey of the Plant Kingdom. Prerequisite: Biology 110. Four semester hours.
- 140. Zoology**—An intensive survey of the Animal Kingdom. Prerequisite: Biology 110. Four semester hours.

210. **Genetics**—A study of fundamental principles of heredity with related statistics and probability. Prerequisite: Eight hours of biology. Four semester hours.
215. **Field Studies in Biology**—An analysis of selected biological problems and or an in-depth study of unique ecosystems. Subject content will vary according to selected topics. The course is conducted at an off-campus location, and additional expenses may be incurred by the student for travel. A student may not accumulate more than four hours credit in this course. This course should not be used to satisfy college degree requirements in science except by permission of the area chairman. Prerequisite: Biology 110 or consent of instructors. One to four semester hours.
220. **Plant Taxonomy**—A comprehensive study of plant identification and classification. Prerequisite: Biology 120. Four semester hours.
240. **Comparative Vertebrate Anatomy**—A comparative study of the embryologic and phylogenetic development of the principal systems of selected classes of vertebrates. Prerequisite: Biology 140. Four semester hours.
241. **Parasitology**—A survey of the more common parasites of man. It includes life histories, incidences, morphology, taxonomy, and control of parasitic helminths, protozoa, and the more important vectors of parasites. Prerequisite: Biology 140. Four semester hours.
- 250-251. **Anatomy, Physiology, and Kinesiology**—A study of the structure and function of the organ systems of mammals with special reference to human anatomy and physiology. The course is designed for those seeking a Bachelor of Arts degree in biology and for those pursuing nursing, physical therapy or a physical education career. It is not acceptable for credit toward Bachelor of Science degree with a major in biology. Prerequisite: Biology 110. Four semester hours each semester.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
310. **Biochemistry**—See Chemistry 310.
340. **Animal Physiology**—A study of the function and structure of the organ system of vertebrates in general, but with emphasis on mammals. Prerequisite: Biology 310. Offered alternate years. Four semester hours.
341. **Animal Histology**—A study of the microscopic structure of the various types of tissues found in vertebrates. Prerequisites: Eight hours of biology and eight hours of chemistry. Offered alternate years. Four semester hours.
342. **Vertebrate Embryology**—A study of the general principles of vertebrate development from the formation of gametes to the formation of tissues and organs. Prerequisite: Biology 240 or permission of the instructor. Offered alternate years. Four semester hours.
350. **Science for the Elementary School**—An emphasis on the coordination of science content and teaching techniques for the elementary school teacher. Prerequisites: Biology 110 and Physical Science 103 or the equivalent. Four semester hours.
360. **Ecology**—A study of relations between organisms and their environment, factors affecting plant and animal structures, behavior and distribution, energy and material cycles, and populations. Prerequisite: Biology 120 and 140. Four semester hours.
362. **Vertebrate Field Biology**—A survey of the native vertebrate animals with emphasis on collecting, preservation, identification, and taxonomic relationships. Prerequisite: Biology 140. Offered alternate years. Four semester hours.

- 380. Microbiology and Immunology**—A basic course in the study of microbiology including the preparation of media, sterilization, the isolation of microorganisms and their identification, culture, and staining. Topics covered in immunology will include definitions and relationships of antigens and antibodies, host-antigen interaction, bursal and thymic influences on lymphoid cells, and humoral and cellular response mechanisms. Prerequisite: Permission of the instructor. Four semester hours.
- 440. Endocrinology**—A study of the structure and function of the endocrine glands with emphasis on their control and integration of biological processes. Prerequisite: Biology 340. Offered on demand. Four semester hours.
- 490. Research Problem**—Research on special problems in biology under direct supervision of a faculty member. Prerequisites: Twenty-four hours of biology courses and consent of biology faculty member to direct the research problem. One to four semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

CHEMISTRY

The chemistry curriculum is designed for the student planning a career in industry, research, engineering, teaching, or the biological sciences. It also contributes to the appreciation of this science as it applies to daily life.

The chemistry major leading to the Bachelor of Arts degree consists of twenty-four hours. Mathematics 111 and 112 are required.

The chemistry major leading to the Bachelor of Science degree consists of thirty-four hours which must include Chemistry 103-104, 202, 301-302, 401-402; Mathematics through Calculus 303; and Physics 201 and 202.

The chemistry minor consists of eighteen hours including Chemistry 103 and 104.

- 103-104. Inorganic Chemistry**—A study of the principles of inorganic chemistry including qualitative analysis. Five semester hours each semester.
- 150. Inorganic Chemistry for Non-Majors**—A one semester survey of the principles of inorganic chemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.
- 202. Quantitative Analysis**—A course including representative types of gravimetric and volumetric analysis and a study of the techniques and fundamental principles of analytical chemistry and the stoichiometric problems. Four semester hours.
- 251. Organic and Physiological Chemistry**—A one semester survey of organic chemistry and elementary biochemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. Organic Chemistry**—A study of the preparation, properties, structure, and reactions of organic compounds. Aliphatic compounds are studied in the first semester and the aromatic compounds in the second. Prerequisite: Chemistry 103-104. Four semester hours each semester.



310. **Biochemistry**—A comprehensive study of the chemical processes taking place in living cells with special emphasis on metabolism and related chemical principles. Prerequisites: Chemistry 302 or concurrent registration and at least eight hours of biology or the consent of the instructor. Four semester hours.
311. **Organic Qualitative Analysis**—A course in the standard methods of identification of organic compounds. Prerequisite: Chemistry 302 or concurrent registration. Four semester hours.
- 401-402. **Physical Chemistry**—The study of the states of matter, elementary thermodynamics, solutions, electromotive force, chemical and ionic equilibria, colloids, and atomic and nuclear structure. Prerequisites: Chemistry 104, 202, and Physics 201-202. Four semester hours each semester.
405. **Advanced Inorganic Chemistry**—A systematic study of the elements including atomic structure, bonding, molecular structure, and the Periodic Table. The laboratory consists of selected inorganic preparations. Prerequisite: Chemistry 202. Four semester hours.
490. **Research Problem**—Research on special problems in chemistry under the direct supervision of an instructor. Prerequisite: Twenty hours of chemistry and consent of faculty member to direct the research problem. One to four semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

MATHEMATICS

The aims of the mathematics program at Milligan College are to develop a systematic basis for logical reasoning, to promote an attitude of unprejudiced inquiry, to provide a general mathematical foundation for life's activities, to supply the working tools for other disciplines, and to promote a desire for further investigation and study. It is designed for students interested in teaching, engineering, computer science, chemistry, and business.

A major in mathematics shall consist of thirty semester hours which must include Math 211, 212, 303, and 18 additional hours of math courses numbered above 200. Especially recommended for all math majors are Math 201, 214, 305, 307, and 308. An exception to this requirement exists when a student completes a double major in an area (such as biology or chemistry) complementary to mathematics. In this instance Math 111 and 112 may be included among the 18 hours of required math courses beyond calculus.

A minor shall require twenty-four semester hours which must include Math 111, 112, 211, and 212. Math 111-112 will be waived with possible credit for students who exhibit adequate proficiency.

A special concentration in Mathematics is available only to those who are also majoring in Elementary Education. In addition to the Mathematics required in the Elementary Education major, the concentration includes Math 111, 112, 201, 214, 215, and 3 hours of electives in Mathematics.

- 090. Mathematics Laboratory**—A review of the fundamental mathematical principles and techniques such as addition, subtraction, multiplication, division, the number system, prime numbers, greatest common divisors, least common multiple, and square roots. A short review of algebra is included. Will be waived for students who exhibit adequate proficiency. Not for credit toward any major or minor. One semester hour.
- 103. Fundamental Concepts**—A study of the real number system and its field properties, as well as a study of elementary geometry. As tools for the development of topics, a study is also made of set theory and various numeration systems. Emphasis is placed on problem solving, knowledge of the metric system, and creative use of the calculator in the classroom. Appropriate teaching strategies for each of the above will be introduced. Three semester hours.
- 104. Fundamental Concepts**—An introductory study of logic, probability, statistics and elementary algebra, together with appropriate teaching strategies for each of these. Three semester hours.
- 105. Materials and Methods in Elementary Mathematics**—An intensive study of methods, materials, and media appropriate for teaching elementary mathematics. Attention is given to the development of materials for a mathematics laboratory. Practical experience in the classroom under supervision will be included, as is a study of testing and evaluation and a study of various possibilities for working with both the gifted and low achievers. Two semester hours.
- 108. Mathematics of Finance**—A study of mathematical tools directly related to the field of management and finance, including a study of percent, simple and compound interest, simple and general annuities, amortization, depreciation, and capitalization. For business majors and teacher certification only. Three semester hours.
- 111. Algebra**—A study of mathematical methods, the natural numbers, rational numbers, real numbers, relations and functions, algebraic expressions, polynomials, complex numbers, fractions, exponents and radicals, equations, matrices and determinants, progressions, permutations, combinations, and probability. Three semester hours.

112. **Trigonometry**—A study of trigonometric functions, triangles, exponents and logarithms, identities, inverse trigonometric functions, complex numbers, and trigonometric equations. Two semester hours.
121. **Math for the Liberal Arts**—An informal survey of sets, logic, geometry, probability, statistics, linear programming, and computer science. Not open to math or science majors. Prerequisite: High school algebra. Three semester hours.
201. **Introduction to Computer Science**—A general introduction to the concepts and basic features of the electronic computer. The student learns basic computer language and algorithms by their application in constructing workable programs. One or two semester hours.
211. **Calculus I**—A study of functions, limits, derivatives, and integrals including their definition, calculation, and application. Prerequisite: Math 111. Four semester hours.
212. **Calculus II**—A study of transcendental functions, their differentiation and integration, formal integration the conics, Taylor's formula and infinite series. Prerequisite: Math 112 and 211. Four semester hours.
214. **Statistics**—A study of probability distributions and inferential as well as descriptive statistics. Topics such as frequency tables, measures of central tendency and dispersion, confidence intervals, and tests of hypothesis are included. Recommended for math majors. Three semester hours.
215. **Modern Geometry**—A study of axiomatics, logic, Euclidean and non-Euclidean geometries from a historical viewpoint. Euclidean incidence, betweenness, congruence, and separation are studied along with models for non-Euclidean geometries and their impact on mathematical thought. Recommended for prospective teachers of mathematics. Offered alternate years. Three semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
303. **Multivariable Calculus**—A study of three dimensional analytic geometry, curves, calculus of functions of several variables, line integrals, and differential equations. Prerequisite: Math 212. Four semester hours.
305. **Differential Equations**—A study of the differential equations, their meaning, types of solution, and uses. Recommended for math majors and minors interested in chemistry and applied math. Prerequisite: Math 303. Three semester hours.
307. **Linear Algebra**—A study of vector spaces, matrices and linear systems, determinants, inner products, and linear transformations. Recommended for all math majors. Offered alternate years. Three semester hours.
308. **Modern Algebra**—A study of algebraic structures such as rings, fields, groups, and integral domains. Recommended for math majors. Offered alternate years. Three semester hours.
310. **Topology**—A study of open sets, closed sets, functions, continuity, compactness, connectedness, product spaces, and homomorphism. Offered alternate years. Three semester hours.
390. **Mathematical Logic**—(See Philosophy 390).
408. **Numerical Analysis**—A study which enables one to write mathematical processes such as integration, differentiation, matrix inversion, and estimation of roots, with arithmetic operations. Study includes orientation toward machine computation. Prerequisite: Math 303. Offered alternate years. Three semester hours.



- 411. Introduction to Analysis**—A study of topological preliminaries, convergence, continuity, differentiability, the Riemann integral, sequences and series of functions, measure and generalized integration. Prerequisite: Math 303. Offered alternate years. Three semester hours.
- 415A, B, C. Independent Work in Mathematics**—Individual work offered on demand. Topics such as number theory, projective geometry, multivariable calculus, linear programming, game theory, and complex variables are possibilities. Prerequisite: Major with 3.0 grade point average in math. Offered alternate years. One to three semester hours.

PHYSICS

- 103. Physical Science**—A study of basic concepts in physics, astronomy, and chemistry. Recommended for students with limited high school science and mathematics background. A working knowledge of algebra recommended. May not be used to satisfy the College's science requirement if Physical Science 104 has been completed. Not applicable toward a science major except for Elementary Education majors. Four semester hours.
- 104. Earth and Space Science**—A study of the structure and mechanical principles of the universe. Recommended for students with backgrounds in high school algebra and science. May not be used to satisfy the College's science requirement if Physical Science 103 has been completed. Not applicable toward a science major except for Elementary Education majors. Four semester hours.
- 201-202. General Physics**—A study of the fundamental principles of mechanics and thermodynamics the first semester. Electricity and magnetism, wave motion, sound, light, and modern physics are studied in the second semester. Prerequisite: Algebra and trigonometry required. Calculus recommended. Four semester hours each semester.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

Area of Social Learning



Dr. Orvel Crowder, Chairman

The social learning program of Milligan College is designed to provide for the student a broad and appreciative understanding of man in his social relationships. The approach is both humane and scientific. The purpose of the discipline is to develop the student's comprehension of contemporary problems and to motivate him to seek their solutions in terms of Christian ethics.

A special concentration in Social Studies is available only to those who are also majoring in Elementary Education. In addition to the social studies required of all students and those included in the Elementary Education major the concentration includes Political Science 311 and 15 hours of electives in Economics, Sociology, Political Science, and History.

ECONOMICS

For course descriptions in Economics see the Area of Professional Learning, Economics:

Economics 201-202	Principles of Economics
Economics 301	Corporation Finance
Economics 304	Government and Business
Economics 311	History of Economic Thought
Economics 312	Economic History of the United States
Economics 401	Labor Economics
Economics 402	Public Finance
Economics 403	Money and Banking
Economics 451	Comparative Economic Systems

HISTORY

An adequate understanding of the present and an intelligent shaping of the future depend upon the knowledge of history. It is, therefore, in keeping with the mission of Milligan College that a sound program of historical study be offered. The major in history consists of thirty hours, of which six will normally be included in the two year Humanities sequence. History majors will advance toward the Bachelor of Arts degree, which requires a language. A history major must include History 301, 309-310, six hours of United States history beyond 309-310, and six hours in some aspect of Western world history not primarily dealing with the United States.

The minor in history consists of eighteen hours, of which six are included in the two year Humanities sequence. History 301 and 309-310 are required.

- 224. History of Rome**—A survey of Rome's progress from Republican times to its decline and replacement by the Germanic kingdoms in the fourth and fifth Christian centuries. Two semester hours.
- 271. History of Christian Missions**—(See Christian Ministries 271). Not applicable toward history major or minor.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.



- 301. History and Historians**—A study of the discipline of history and the role played by historians in recording, writing, and interpreting history. Required of all history majors. One semester hour.
- 306. Medieval History**—A study of the development of western culture from the beginning of the Roman Empire to 1500. The degeneration of Roman institutions with consequent feudalism is carefully traced. The commercial revival and cultural revolution is studied, along with other factors leading toward the Protestant Reformation. Three semester hours.
- 309-310. American History**—A study of the history of the United States from the Colonial Period to World War II with special reference to the history of Tennessee. Careful study is given to the growth of American political institutions and the social and economic life of the people of the United States. Required of all history majors and minors. Three semester hours each semester.
- 311. History of Economic Thought**—(See Economics 311).
- 312. Economic History of the United States**—(See Economics 312).
- 321. History of the Renaissance**—A study of the transition from the Middle Ages to the Modern World emphasizing cultural change from 1300 to 1600. Three semester hours.
- 331-332. History of England**—A study of the history of England from the earliest times to the present, emphasizing the English constitutional development, the concept of representative government, and the building of the Empire. Prerequisite: Humanities 101-102 is desired. Offered alternate years. Three semester hours each semester.
- 341-342. Church History**—A study of the history of the church from its beginning to the present. Attention is given to the rise of theological patterns, denominational developments, and the church's response to prevailing culture. Prerequisite: Humanities 101-102. Three semester hours each semester.
- 361-362. History of Russia**—A survey of the history of Russia with emphasis upon major developments in the modern and contemporary scene. Offered alternate years. Three semester hours each semester.
- 371. American Colonial Period**—A study of American colonial history beginning with the establishment of North American colonies and concluding with the American Revolution with an emphasis upon factors in this period having an effect upon American growth and development. Three semester hours.
- 376. Jefferson to Jackson**—A study of the period between the lives of Thomas Jefferson and Andrew Jackson with attention given to the ideas and events which resulted in the emergence of the nation and the development of the frontier. Three semester hours.
- 381. The Revolutionary Era**—A study of the emergence of democratic ideas, the Industrial Revolution, the emergence of nationalism, and the role of political and cultural revolution in Europe from 1760 to 1870. Three semester hours.
- 401-402. Intellectual History of the Western World**—A study of the development of selected ideas within Western culture and an evaluation of their impact upon the modern world. Offered alternate years. Two semester hours each semester.
- 421. History of the Ancient Near East**—A study of the history of the emerging Mesopotamian civilization from earliest times through the fall of the Sassanid Persian Empire. The diffusion of this civilization into the rest of the Near East is traced. Two semester hours.

- 422. Cultural History of the Ancient Near East**—An examination of the ancient Near Eastern response to life as revealed in myth and epic, belles lettres, religion, institutions, and sociological patterns. Two semester hours.
- 424. Modern Near Eastern History**—An appraisal of the Near Eastern role in the Western World from the Ottoman Turkish Empire through the present Arab-Israeli confrontation. Two semester hours.
- 431-432. Reformation of the Nineteenth Century**—A study of the background issues, and courses of the nineteenth and twentieth century efforts to restore New Testament Christianity. Prerequisite: History 341-342. Not applicable toward a history major or minor. Three semester hours each semester.
- 445. Historical Research**—A study of the theory and exercise in the practice of original historical research. Prerequisite: A grade point average of 3.0. Three semester hours.
- 446. Historical Readings**—A concentrated program of readings in history and its related fields, designed to broaden perspectives and to deepen insights. Prerequisite: A grade-point average of 3.0. Three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

HUMAN RELATIONS

Human Relations Major

The Sub-Area of Human Relations provides a major and a minor in human relations with curricula leading to a B.A. or to a B.S. degree. The major enables students to develop specialty programs in psychology, sociology, social agency administration, youth leadership, and government business leadership. The B.S. degree requires 36 hours. The B.A. degree requires 30 hours plus 12 hours of a foreign language. A major in human relations requires a core program of 9 to 12 hours of the core courses listed below. Remaining courses for elective credit must be taken from the specific courses listed for that track unless otherwise arranged in consultation with the Track Chairman and approved in writing. Students may not use any courses counted toward the major to meet requirements for a minor or a second major.

Core Courses

Sociology 201 (3 hours) Psychology 250 (3 hours)
Sociology 303 (3 hours) or Psychology 350 (3 hours)

Track One: Psychology

Required

Courses: (6 hrs.)
Psy. 259
Psy. 353

Electives: (15-21 hrs.)

To be chosen with written approval of Track Chairman to meet student's educational objectives (i.e., teaching, psychiatry, mental health, business, law, research, community planning, parenthood, etc. Cf. Track-brochure)

Track Two: Sociology and Anthropology

Required

Courses: (9 hrs.)
Soc. 210
Soc. 401
Soc. 451

Suggested

Electives:

Math. 214
Soc. 311
Soc. 312
Soc. 314
Soc. 360
Soc. 403
Soc. 413
Soc. 414
Soc. 421
Soc. 426
Soc. 416
Soc. 456
Soc. 461
Soc. 490
Soc. 491

Track Three: Social Agencies*

Required

Courses: (15 hrs.)
Soc. 311
Soc. 403
Soc. 451
Soc. 491 (6 hrs.)

Suggested

Electives:

Psy. 252
Psy. 352
Psy. 353
Psy. 401
Psy. 458
Soc. 210
Soc. 312
Soc. 411
Soc. 413
Soc. 426
Soc. 490
Soc. 491

Track Four: Youth Leadership

Required

Courses: (12-14 hrs.)
H&PE 409
Psy. 357
R.E. 317
Psy.-Soc. 491 (4-6)

Suggested

Electives:

Soc. 311
Soc. 312
Soc. 314
Soc. 360
Soc. 403
Soc. 421
Soc. 426
H&PE 111
H&PE 203
H&PE 206
H&PE 300
H&PE 301
H&PE 302

Track Five: Government/Business Leadership

Required

Courses: (21 hrs.)
Pol. Sci. 203
B. Adm. 361
B. Adm. 363
Econ. 201
Econ. 202

Suggested

Pol. Sci. 304 or 311
Pol. Sci. 491 or
B. Adm. 491

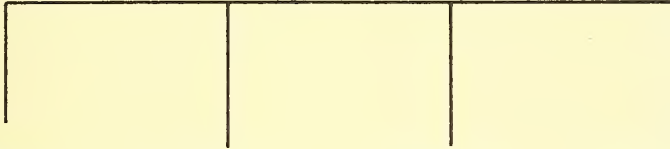
Other B. Adm. and

Econ. courses
Other Pol. Sci. courses
Psy. 353
Soc. 426

*For those interested in agency and institutional management a minor in Accounting or Business Administration is suggested.

Human Relations Minors

The Sub-Area of Human Relations provides a major and a minor in human relations with curricula leading to B.S. and B.A. degrees. A minor in human relations is 18 hours including the required courses for the track selected. Only those electives specifically listed may apply to the minor and are to be arranged in consultation with the Area Chairman.



**Track One:
Psychology**

**Required
Courses:** (15 hrs.)

Psy. 250
Psy. 259
Psy. 350
Psy. 353
Soc. 201

**Recommended
Electives:** (3 hrs.)

Math 214
Psy. 252
Psy. 357
Psy. 358
Soc. 303
Soc. 426
To be chosen
with written
approval of
Track Chairman

**Other Possible
Electives:**

Any other Psy.
course
Soc. 210
Soc. 360
Soc. 414

**Track Two:
Sociology and
Anthropology**

**Required
Courses:** (15 hrs.)

Psy. 250
Soc. 201
Soc. 210
Soc. 303
Soc. 451

**Recommended
Electives:** (3 hrs.)

Math 214
Psy. 350
Soc. 311
Soc. 314
Soc. 401
Soc. 426

**Other Possible
Electives:**

Any other Soc.
course

**Track Three:
Social Agencies**

**Required
Courses:** (15 hrs.)

Soc. 201
Soc. 303
Soc. 311
Soc. 403
Psy. 250

**Recommended
Electives:** (3 hrs.)

Pol. Sci. 304
Psy. 350
Psy. 352
Psy. 353
Psy. 458

**Other Possible
Electives:**

B. Adm. 361
B. Adm. 363
B. Adm. 401
B. Adm. 402
Econ. 201-202
Psy. 401
Any other Soc.
course

**Track Four:
Youth Leadership**

**Required
Courses:** (17 hrs.)

H&PE 409
Psy. 250
Psy. 357
R.E. 317
Soc. 201
Soc. 303

**Recommended
Electives:** (1 hr.)

H&PE 111
H&PE 203, 300,
or 301
Psy. 252
Psy. 353
R.E. 261
R.E. 318
Psy./Soc. 491
Soc. 311
Soc. 426

**Other Possible
Electives:**

Psy. 358
Psy. 404
Psy. 405
Psy. 458
R.E. 304
R.E. 308
Any other Soc.
course

POLITICAL SCIENCE

The political science minor is designed for those who wish to study law or prepare for government service or secondary school teaching. Students desiring a major should examine the Human Relations Track V although the political science minor may not be taken with this major because of similar requirements. The Track V major may be elected with a major or a minor in another field such as history or business administration and economics. The political science minor consists of eighteen hours which include 203, 304, 311, and 402 or 403, plus six hours of electives.

- 203. American National Government**—A survey of the principles of the American federal system and a study of the structure and function of the national government. Three semester hours.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 304. Government and Business**—A survey of governmental regulation of economic activity, such as public utilities, transportation, security issuance and commodity markets, competitive practices, and agriculture with brief reference to labor and total wartime controls. Both the economic and political effects of such regulation are considered. Three semester hours.
- 311. State and Local Government**—A study of the structure and function of state and local governments in the United States and the political environment in which they exist. Prerequisite: Political Science 203. Three semester hours.
- 402. Political Theory (Ideology)**—A comparative study of four contemporary ideologies—Fascism, Communism, Conservatism, and Liberalism—and their implications for the state, the individual, progress, leaders and followers, freedom, justice, fraternity, etc. Offered alternate years. Three semester hours.
- 403. American Constitutional Law**—A survey of the historical development of the American Constitution with emphasis on the role of the judicial branch of the government as arbiter in determining the respective limits on national and state power, in protecting the individual against that national and state activity which offends the Bill of Rights and other constitutional guarantees of liberty and property, and in securing civil rights. Selected court cases will be studied. Three semester hours.
- 490. Readings in Political Science**—Supervised independent readings for a greater depth or a different approach than provided in other courses. Prerequisite: Political Science 203. One to six semester hours.
- 491. Field Work**—A practicum experience that will involve the student in a position in government under adequate supervision for the joint purposes of learning about government and possible occupational choices. Prerequisite: Political Science 203. One to three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. Prerequisite: Political Science 203. One to three semester hours.

PSYCHOLOGY

The psychology curriculum emphasizes the principles and applications of substantive psychological knowledge both as a natural science and a social science. The major and minor are designed to insure that each student will receive a broad background in psychology while at the same time offering opportunities, if desired, to pursue specialization in an interest area. The field of psychology has been undergoing very rapid change. New jobs and programs are constantly evolving. The best source of information about these will be the student's adviser.

Early in the student's career at Milligan, preferably by the end of the first year, the Psychology major (Human Relations, Track One) must fill out a *Degree Plan Sheet* with the Track Chairman. This will be done in triplicate. All copies are to be signed by the student and the Chairman. The student will keep one for future reference, and the others will be filed with the Registrar and Track Chairman. If later the student wishes to change the Degree Plan, he must arrange this revision with the Track Chairman.

- 092. Study Skills Laboratory**—A direct and practical approach to study skills (i.e., study methods, library skills, outlining), individualized to the needs of the student. One semester hour.
- 155. The Psychology of Adjustment**—A study of basic principles of personality adjustment. Emphasis is upon personal application of concepts related to topics such as interpersonal communication, abnormal behavior, self-concept, and social interaction. Three semester hours.
- 250. General Psychology**—An introduction to the discipline of psychology. The study covers the background, methodology, and major findings from each of the major sub-areas of psychology. Three semester hours.
- 252. Developmental Psychology**—A study of the origins of psychological processes and general genetic principles and development of the individual in physical, lingual, social, intellectual, emotional, and personal areas. The course is offered under the direction of either the Psychology or Education areas. Unless the student plans to certify as a teacher, it should be taken under a professor in psychology. In Education: Four semester hours. In Psychology: Three semester hours.
- 259. Experimental Psychology**—A study of research methodologies in psychology with special emphasis upon experimentation. The study covers research planning, experimental design, data collection and analysis, and the construction of models and theories. Laboratory work emphasizes application of these concepts. Prerequisite: Psychology 250 or concurrent enrollment. Three semester hours.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 350. Social Psychology**—A study of the findings of science with regard to the individual in society. Some emphasis is given to research and experimentation. Three semester hours.
- 352. Industrial and Business Psychology**—A study of the practical applications of psychological principles in industry, business, advertising, and the professions. Three semester hours.
- 353. Personality, Motivation, Development, and Assessment**—A course to give students a sound introduction to the scientific study of personality. The basic orientation is substantive and empirical, but some attention is given to theories of personality; learning theories, psychoanalysis, and recent developments in cognitive theory. The course may be substituted for Psychology 358, Abnormal Psychology, as a required course for psychology majors and minors. Prerequisite: Psychology 155. Three semester hours.
- 357. Introduction to the Theory and Practice of Counseling**—A course designed for students to learn about counseling and psychotherapy primarily by practicing the skills that constitute the counseling process. The aim is to utilize class-members for the practical applications and implementation of techniques in therapeutic process, as well as to develop a balanced view of the major concepts of various therapies. Three semester hours.
- 358. Abnormal Psychology**—A careful consideration of the data and principles which have proved helpful in interpreting deviations from normal behavior. Three semester hours.



- 401. **Systems and Theories**—An overview of the major systems and theories of contemporary psychology, with in-depth study in areas of specialization, including refresher practicum in statistics and experimentation. Three semester hours.
- 404. **Educational Psychology**—A treatment of growth and development of children and adolescents with emphasis on the learning process and the evaluation of the educational program. Three semester hours.
- 405. **Theories of Learning**—A study of both the behaviorist and cognitive approaches to issues in learning, memory, and cognition. The course examines issues from both an empirical and theoretical viewpoint and covers applications of learning theory to areas such as clinical and educational psychology. Prerequisite: Psychology 250. Three semester hours.

- 427. Perception and Physiological Psychology**—A study of the various modes of operation of perceptual systems and the physiological mechanisms that underlie behavior and experience. Topics include human information processing, biological bases of learning, memory, and mental disorders, the central nervous system, and sleeping and dreaming. Prerequisites: Psychology 250 and 259. Three semester hours.
- 452. Pastoral Counseling**—An introductory course, primarily for preministerial students, considering the theory and processes of sound counseling and clinical psychology. Three semester hours.
- 454. Introduction to Psychological Testing**—A study of the theory and methods of measuring human behavior, including a survey of representative tests of ability and tests of typical performance. Three semester hours.
- 456. Reading Seminar in Psychology**—Presentations by staff of relevant problems in all areas of psychology and problems involving communication with other disciplines. One to three semester hours.
- 459. Psychology of Christian Consciousness**—A study of "the mind of Christ," from Moses to the present day. If Christ be the definitive human and psychology be the scientific study of human mental life, then the scientific study of the mental life of Christ is the only definitive humanistic psychology. Voegelin, Jaspers, W. Thompson, and Julian Jaynes are contemporary scholars whose work is basic to the course. Three semester hours.
- 490. Special Problems in Psychology**—Supervised independent readings or minor research on selected problems in the field of psychology. Prerequisite: Consent of instructor. One to three semester hours.
- 491. Field Work in Psychology**—Supervised field work in various institutions and agencies, including children's homes, schools, homes for the aging, delinquency and probation programs as well as work with other agencies. Prerequisite: Consent of instructor. Three to six semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SOCIOLOGY AND ANTHROPOLOGY

The sociology and anthropology curriculum emphasizes the principles and applications of sociological knowledge. The major and minor (Human Relations Track II) are designed to insure that each student will receive a broad background in sociology while at the same time offering opportunities, if desired, to pursue specialization in an interest area. New jobs and programs are constantly evolving. The best source of information about these will be the student's adviser or a member of the sociology faculty.

Early in the student's career at Milligan, preferably by the end of the first year, the student interested in sociology should consult with the sociology and anthropology faculty in order to plan his curriculum. Human Relations Track II is designed for the student who wishes a broad view of sociology and anthropology. This track is also for those wishing to continue their preparation in graduate school. Human Relations Track III is designed for students interested in a career in the social services. Field experience is required; students will be placed with a social agency in a local community for a period of time. Track IV is for those who wish to prepare for a career in some facet of youth leadership. This track also requires formal field experience.

SOCIOLOGY

201. **Introduction to Sociology**—A scientific study of human society and the various means by which individuals and groups adjust to each other and to their physical and social environment. Three semester hours.
210. **Introduction to Cultural Anthropology**—A study of the dynamics of culture and society; folkways, mores, and institutions and their significance for comprehending the variations in contemporary cultural orientations, customs, and manners. Three semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
303. **Family**—A study of the social significance of the modern American family viewed in the perspective of its cultural heritage. Three semester hours.
311. **The Sociology of Crime and Delinquency**—A study of the nature of crime and delinquency, including criminal statistics, casual factors, theories, and procedures in prevention, treatment, and corrections. Prerequisite: Sociology 201. Three semester hours.
312. **Juvenile Delinquency**—An assessment of the nature of the delinquency problem, major sociological causes and their implications for control, and the administration of juvenile justice. There will be field contacts with juvenile counselors and the Johnson City Juvenile Court. Three semester hours.
314. **Race and Ethnic Relations**—A study of racial and cultural contacts and conflicts, including an analysis of prejudice and discrimination, status and participation of minority groups, and national and international aspects of minority problems. Prerequisite: Sociology 201. Three semester hours.
350. **Social Psychology**—(See Psychology 350). Does not meet general education requirements for sociology, economics, or government. Three semester hours.
360. **Problems of Cross-Cultural Communication**—A study of inductive and theoretical analysis of the problems encountered in the communication of ideas across culture boundaries, their basis and origin, their consequences and approaches to overcoming them. Prerequisite: Sociology 201. Three semester hours.
401. **Sociological Research**—An introduction to the methods of data collecting and analysis and the interpretation of social data. Required of all majors in Track Two. Three semester hours.
403. **Urban Sociology**—A study of the sociology of urban life, including theories of urban growth, ecology, and dynamics of urban change. Prerequisite: Sociology 201. Three semester hours.
413. **Seminar in Aging and Retirement**—A study of the life-circle, psychological and physiological changes, adaptation to old age and retirement, and disengagement. Prerequisite: Sociology 201 and 303. Three semester hours.
414. **Seminar in Kinship**—A study of anthropological theories and methods in the study of kinship around the world; an inductive analysis based on ethnographic reports. Prerequisite: Sociology 201. Three semester hours.
421. **Sociology of Religion**—A study of interactive relationships between religious and other social institutions with special attention to the contemporary American religious scene. Three semester hours.
426. **Sociology of Small Groups**—A social-psychological approach to small group dynamics and interaction. Prerequisite: Sociology 201. Three semester hours.

451. **Sociological Theory**—A study of the origin and growth of sociological thought, beginning with Comte, Spencer, and LePlay. Special attention will be given to the contemporary developments in sociological theory. Prerequisite: Consent of the instructor. Three semester hours.
456. **Reading Seminar in Sociology and Anthropology**—A concentrated program of readings in sociology and anthropology for the advanced student designed to broaden perspectives and to deepen insights. Prerequisite: Consent of the instructor. One to three semester hours.
461. **Dynamics of Culture Change**—A study of the identification of the processes of culture change, both internal and external, and critical study of theories offered to account for culture change. Three semester hours.
490. **Special Problems in Sociology**—Supervised independent minor research, reading, or experience in group leadership. Prerequisite: Sociology 201 and the consent of instructor. One to six semester hours.
491. **Field Work in Sociology**—Supervised field work in various institutions and agencies, including children's homes, homes for the aging, delinquency and probation work, as well as work with other agencies. Prerequisite: Sociology 201 and consent of instructor. Three to six semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



THE MILLIGAN COMMUNITY



THE MILLIGAN COMMUNITY

We distinguish those who hold some form of membership in the College as the "Milligan Community." Membership consists of five classifications: trustees, advisors, faculty, students, and alumni. The term "Community" thus refers not to a geographic or social locality but rather to persons sustaining a relationship to one another through their membership in the College. These persons are held together by a common heritage, by common ideals, and by commitment to a common ultimate goal. We speak informally of the association as "the Milligan Family." Experience set in such a community is productive of a common spirit, a deep affection, a mutual trust, and enthusiasm in discharging the responsibilities and enjoying the rewards incident to membership in the college.

The Board of Trustees

The trustees are the members of the College to whom are committed the ownership and oversight of the physical property of the College and the responsibility of electing the officers of administration and of instruction. Upon recommendation of the faculty, they authorize the advancement of candidates to the degree for which they have qualified. The Board of Trustees is self-perpetuating. Members are chosen from the Advisers for their commitment to the purpose of the College.

The Trustees, January, 1981

Robert H. Alexander, Minister, Agoura Hills Christian Church, Agoura, California

Charles E. Allen, Physician, Johnson City, Tennessee

Robert E. Banks, *Secretary*, Attorney, Elizabethton, Tennessee

Russell F. Blowers, Minister, East 91st Street Christian Church, Indianapolis, Indiana

Theodore Cord, Minister, Fort Worth, Texas

Jordan Crouch, Executive Vice President and Secretary, Nevada Bankers Association, Reno, Nevada

John Davis, Executive, Delta Airlines, East Point, Georgia

Henry Gruenberg, Retired, North Miami, Florida

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Ard Hoven, Professor, Kentucky Christian College, Grayson, Kentucky

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C. Howard McCorkle, Educational Consultant, Johnson City, Tennessee

Mrs. L. W. McCown, Historian and Church Woman, Johnson City, Tennessee

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Donald Marshall, Minister, First Christian Church, Elizabethton, Tennessee

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Wade Patrick, Businessman, Johnson City, Tennessee

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Donald Sams, Minister, Christian Church, High Point, North Carolina

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The Advisers, January, 1980

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Richard Crabtree, Minister, First Christian Church, Canton, Ohio
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Ross H. Dampier, Minister, East Point Christian Church, East Point, Georgia
Glen Daugherty, Minister, Central Christian Church, Greeneville, Tennessee
Cort Davison, Businessman, Indianapolis, Indiana
Harold J. DeVault, Businessman, Concord, Tennessee
D. E. DeTraz, Businessman, Tarpon Springs, Florida
Jeffery Douds, Student, Emmanuel School of Religion, Johnson City, Tennessee
Robert Elliott, Assistant Superintendent of Schools, Kingsport, Tennessee
James L. Evans, Minister, Westside Christian Church, East Point, Georgia
Shelburne Ferguson, Attorney, Kingsport, Tennessee
W. Edward Fine, Minister of Education, Central Christian Church, St. Petersburg,
Florida
Jack Gilbert, Financial Coordinator, Allison Division, General Motors, Indianapolis,
Indiana
Joseph Harper, Businessman, Ironton, Ohio
Fred I. Head, U.S. Government Office of Economic Opportunity, Peachtree City,
Georgia
Frank Heiling, Retired, Dallas, Texas
Max R. Hickerson, Minister, Spring Branch Christian Church, Houston, Texas
Henry E. Hill, Minister, Downtown Christian Church, Johnson City, Tennessee
Robert L. Huckstep, Businessman, Charlottesville, Virginia
David C. Hughston, Insurance Executive, Brownsville, Texas
Gary Jenkins, Minister, First Christian Church, Aurora, Illinois
E. P. Jones, Executive, Boy Scouts of America, Atlanta, Georgia
Mrs. Sue Kettelson, Church Woman, Indianapolis, Indiana
Robert Kroh, Minister, Central Christian Church, Las Vegas, Nevada
James Landrum, Minister, Northside Christian Church, Bloomington, Indiana
E. LeRoy Lawson, Minister, Central Christian Church, Mesa, Arizona
John Lecky, Associate Minister, Mountain Christian Church, Joppa, Maryland
Marshall Leggett, Minister, Broadway Christian Church, Lexington, Kentucky
Kent E. McQuiston, Accountant, Indianapolis, Indiana
David Marler, Chaplain, Veterans Administration, Indianapolis, Indiana
Kenneth A. Meade, Minister, Church of Christ at Manor Woods, Rockville, Maryland
Gordon Mehaffey, Minister, Christian Church, Cambridge City, Indiana
John Mills, Minister, First Church of Christ, Painesville, Ohio
John Newman, Businessman, Louisville, Kentucky
William Norris, Retired, Johnson City, Tennessee
Paul F. Nourse, Minister, First Christian Church, Evansville, Indiana
Mrs. Ann O'Connell, Businesswoman, Las Vegas, Nevada
John Orth, Physician, Joppa, Maryland

John R. Pierce, Minister, First Christian Church, Ft. Myers, Florida
David Pugh, Teacher, Indianapolis, Indiana
Henry Richardson, Businessman, Havre de Grace, Maryland
Robert Robinson, Insurance Executive, Indianapolis, Indiana
Tim Ross, Assistant Minister, Christian Church, Cambridge City, Indiana
John C. Samples, Minister, Mount Pleasant Christian Church, Greenwood, Indiana
John R. Selders, Minister, Greenford Christian Church, Greenford, Ohio
Mrs. Ruth Settles, Retired, Louisville, Kentucky
Allen Sharp, United States District Court Judge, South Bend, Indiana
Robert W. Shaw, Minister, Central Christian Church, Coral Gables, Florida
Ralph Sims, Minister, First Christian Church, Johnson City, Tennessee
Ronald Spotts, Businessman, Beechcreek, Pennsylvania
Max Stucker, Accountant, Chicago, Illinois
Joseph Sutherland, Professor, Emmanuel School of Religion, Johnson City,
Tennessee
Marvin Swiney, Principal, Mountain Mission School, Grundy, Virginia
Thomas Tatham, Attorney, Miami, Florida
Robert A. Walther, Minister, Perry Christian Church, Canton, Ohio
Paula Welshimer, First Christian Church, Winston-Salem, North Carolina
John J. Wiggins, Businessman, Plainfield, Indiana
Jerry Williams, Minister, Ben Davis Christian Church, Indianapolis, Indiana
Ron Zimmerman, Executive, Allison Division, General Motors, Indianapolis,
Indiana



FACULTY AND ADMINISTRATION 1980-81

JESS. W. JOHNSON, President (1966)

B.Th., Northwest Christian College, B.D., Christian Theological Seminary; D.D., Milligan College; University of Oregon; Butler University; Union Theological Seminary; LaSalle University.

DEAN EVEREST WALKER, Chancellor, (1950)

B.A., Tri-State College; M.A., B.D., Butler University; D.D., Milligan College; S.T.D., Kentucky Christian College; Litt.D., Tri-State College; Bethany College; Ohio University; University of Chicago; University of Edinburgh.

EUGENE H. WIGGINTON, Executive Vice-President and Director of Development (1971)

B.A., Cincinnati Bible Seminary; Bellermino College; East Tennessee State University.

KENNETH W. OOSTING, Academic Dean (1976)

A.B. Ed., University of Michigan; M.A., Central Michigan University; Ph.D., University of Minnesota; Muskegon Community College; American University; Michigan State University; University of Colorado; Emmanuel School of Religion.

B. J. MOORE, Business Manager (1965)

B.S., East Tennessee State University.

Administration

BERTRAM S. ALLEN, JR., Assistant Professor of Psychology and Director of Student Life (1979)

B.A., Milligan College; M.A., Ed.D., Lehigh University; University of Maryland; School of Law, University of Richmond.

PAUL BADER, Director of Student Enlistment and Student Union Building Manager (1976)

B.S., Milligan College; St. Louis Christian College.

PHYLLIS DAMPIER FONTAINE, Registrar and Director of Admissions (1963)

B.S., M.A., East Tennessee State University; Milligan College.

RODNEY D. IRVIN, Director of Communications (1972)

B.A., Milligan College; M.S., University of Tennessee.

KENNETH JOHNSTON, Director of Church Relations (1972)

B.Th., D.D., Northwest Christian College; Oregon College of Education; Butler School of Religion.

JOE P. McCORMICK, Assistant to the President (1956)

B.S., L.L.D., Milligan College.

JOHN W. NETH, Director of the P.H. Welshimer Library (1953-58, 1962)

B.S., Bethany College; M.A., Butler University; B.D., Christian Theological Seminary; M.A. in L.S., Peabody College for Teachers; University of Santo Thomas (P.I.); George Washington University; Western Reserve University.

Professors

PAUL A. CLARK, Chairman, Area of Professional Learning, Professor of Education, and Director of Teacher Education (1965)

B.A., Harding College; M.A., East Tennessee State University; Ed.D., University of Kentucky.

ORVEL C. CROWDER, Chairman, Area of Social Learning and Professor of Psychology and Bible (1957)

B.A., Hiram College; M.A., Cincinnati Bible Seminary; Th.B., Harvard University; D.D., Atlanta Christian College; University of Tennessee.

CHARLES W. GEE, Professor of Biology and Education (1967)

B.S., University of Wisconsin; M.S., Oklahoma State University; Ph.D., Michigan State University; University of South Carolina; Ohio State University.

- WILLIAM C. GWALTNEY, JR., Chairman, Area of Humane Learning and Professor of Bible (1964)
Th.B., Cincinnati Bible Seminary; B.A., Wilmington College; Ph.D., Hebrew Union College; University of Cincinnati; University of Chicago; Oriental Institute; Yale University.
- EDDIE LEACH, Chairman, Area of Scientific Learning and Professor of Biology (1969)
B.A., M.A., Baylor University; Ph.D., Texas A&M University.
- JOHN L. MORRISON, Professor of Education (1968)
B.Th., San Jose Bible College; A.B., M.A., San Jose State College; Ph.D., Stanford University; Cambridge University.
- KENNETH W. OOSTING, Academic Dean and Professor of History and Political Science (1976)
A.B. Ed., University of Michigan; M.A., Central Michigan University; Ph.D., University of Minnesota; Muskegon Community College; American University; Michigan State University; University of Colorado.
- RICHARD PHILLIPS, Professor of Bible (1967)
B.A., Th.M., Lincoln Christian College; M.Div., Christian Theological Seminary; M.A., Butler University; Ph.D., Vanderbilt University; J.D., University of Tennessee.
- EUGENE P. PRICE, Chairman, Area of Professional Learning and Professor of Business Administration and Frank H. Knight Professor of Economics and Business (1949)
B.A., M.A., Duke University; Harvard University.
- JAMES. L. SHIELDS, Professor of Education and Director of Student Teaching (1959)
B.Sc.in Ed., University of Southern California; B.A., M.A., Pacific Christian College; M.A., University of California, Long Beach; Ed.D., University of Tennessee; Talent Education Institute, Matsumoto, Japan; East Tennessee State University.
- DUARD B. WALKER, Professor of Health and Physical Education (1951)
B.A.and B.S. in Physical Education, Milligan College; M.A., Teachers College, Columbia University; University of Tennessee.
- HENRY E. WEBB, Chairman, Area of Biblical Learning and Dean E. Walker Professor of Church History (1950)
B.A., Cincinnati Bible Seminary; Ph.B., Xavier University; B.D., Ph.D., Southern Baptist Theological Seminary; Butler University; Union Theological Seminary; Oxford University.

Associate Professors

- JAMES BALCH, Associate Professor of Mathematics (1972)
B.A., Arkansas College; M.S., Ed.D., Oklahoma State University.
- PATRICIA JANE BONNER, Associate Professor of Health and Physical Education (1966)
B.A., Milligan College; M.E., University of Arizona; M.R.E., Emmanuel School of Religion; Ed.S., George Peabody College for Teachers; Ed.D., Highland University; San Fernando State College; Fullerton State College; Pepperdine College; University of Colorado; University of California at Los Angeles.
- ROWENA BOWERS, Associate Professor of Health and Physical Education (1958)
B.S., M.A., East Tennessee State University; University of Tennessee.
- JEANNETTE E. CROSSWHITE, Associate Professor of Music (1967)
B.M.E., Longwood College; B.C.M., M.C.M., Southern Baptist Theological Seminary; Memphis State University.
- TERRY J. DIBBLE, Associate Professor of English (1971)
B.S., M.S., Fort Hays Kansas State College; Ph.D., University of Nebraska.
- JOHN DOWD, Associate Professor of Music (1963-67, 1969)
B.M., M.M., New England Conservatory of Music; Ph.D., University of West Virginia; Boston University; University of Tampa.

- ROBERT B. HALL, Associate Professor of Sociology (1967)
 B.A., Cincinnati Bible Seminary; B.S., M.A., Butler University; M.A., East Tennessee State University; Ph.D., University of Tennessee; Southern Baptist Theological Seminary; Vanderbilt University; University of Chattanooga; Harvard University.
- JUANITA JONES, Associate Professor of English (1968)
 B.A., Milligan College; M.A., University of Tennessee; East Tennessee State University; University of Chicago.
- JACK L. KNOWLES, Associate Professor of English (1970)
 B.A., Milligan College; M.A., University of Tennessee; Ohio State University.
- RICHARD D. LURA, Associate Professor of Chemistry (1971)
 B.A., University of Wisconsin; Ph.D., Iowa State University.
- EDWIN S. NELSON, Associate Professor of Bible (1974)
 B.A., Platte Valley Bible College; M.Div., Lincoln Christian Seminary; M.Th., Gordon Conwell Theological Seminary; Colorado State College; Harding Graduate School of Religion; Boston University.
- CAROLYN NIPPER, Associate Professor of English (1966)
 B.A., Milligan College; M.A., University of Tennessee; University of Kentucky.
- EUGENE NIX, Associate Professor of Chemistry (1967)
 B.S., M.S., Ed.D., University of Georgia; West Georgia College; Fort Hays Kansas State College; Oak Ridge Associated University.
- EUEL J. OWNBY, Associate Professor of Education (1961)
 B.A., Carson-Newman College; M.A., George Peabody College; Ed.D., University of Tennessee.
- IRA READ, Associate Professor of History (1967)
 B.A., Milligan College; M.A., Ph.D., Emory University.
- BILL W. RHOADES, Associate Professor of Business Administration (1979)
 B.S., University of Missouri, Certified Public Accountant.
- DAVID C. RUNNER, Associate Professor of Music (1972)
 B.Mus., Boise State University; M.Mus., D.M.A., Eastman School of Music, University of Rochester.
- DONALD SHAFFER, Associate Professor of German (1963-68, 1973)
 B.A., Albion College; M.A., Ph.D., Indiana University; Michigan State University; Cincinnati Bible Seminary; East Tennessee State University; University Hamburg.
- B. HAROLD STOUT, Associate Professor of Health and Physical Education (1958)
 B.S., East Tennessee State University; M.S., University of Tennessee; Ed.D., East Tennessee State University.
- EARL STUCKENBRUCK, Associate Professor of Bible (1951-52, 1968)
 B.A., University of Kansas; B.D., Butler University; University of Birmingham, England; University of Tuebingen, Germany.
- GARY O. WALLACE, Associate Professor of Biology (1967-68, 1971)
 B.S., Austin Peay State College; M.S., Ph.D., University of Tennessee.
- CAROLYN WOOLARD, Associate Professor of French (1972)
 B.A., Bridgewater College; M.A., University of Kentucky; University of Strasbourg.

Assistant Professors

- SUE ABEGGLEN, Assistant Professor of Education (1977)
 A.B., Lincoln Christian College; B.S., M.S., Indiana University; Memphis State University.
- BERTRAM S. ALLEN, JR., Assistant Professor of Psychology and Director of Student Life (1979)
 B.A., Milligan College; M.A., Ed.D., Lehigh University; University of Maryland; School of Law, University of Richmond.

- ANNA MAY CROWDER, Assistant Professor of English (1965)
A.B., B.M., Oklahoma College for Women; M.A., East Tennessee State University; University of Arkansas; University of California; Christian Choral School (Chicago); Columbia University.
- SUSAN GAYLE HIGGINS, Assistant Professor of Sociology (1977)
B.A., Lincoln Christian College; M.A., Ph.D., Indiana University.
- JANICE F. HUANG, Assistant Professor of Mathematics (1979)
A.B., Pembroke College in Brown University; M.A., University of Illinois; Milligan College.
- VIRGINIA LAWS, Assistant Professor of Secretarial Science (1974)
B.S., Milligan College; M.A., East Tennessee State University.
- WAYNE E. MILLER, Assistant Professor of Business Administration (1975)
B.S., East Tennessee State University; M.A., University of Kentucky.
- BILLIE B. OAKES, Assistant Professor of Library (1980)
B.S., Milligan College; M.S.L.S., Eastern Illinois University; East Tennessee State University; Kansas State University; University of South Florida.
- JOHN C. WAKEFIELD, Assistant Professor of Music (1974)
B.A., MacMurray College; M.M., Northwestern University; Yale University School of Music.
- PHILLIP A. WORRELL, Assistant Professor of Physical Education (1969)
B.S., Milligan College; M.S., Indiana State College; Butler University; Kent State University.

Support Personnel

- Sam Combs, Director of Food Operations
Glenn R. Davis, Controller
Buford Deaton, Director of Encounter Ministries
Larry Huff, Financial Aid Officer
Chuck King, Superintendent of Buildings and Grounds
Opal Lyons, L.P.N., Campus Nurse
Steve Marshall, Student Enlistment Officer
Mark Richardson, Student Enlistment Officer
Jennifer Robinson, Student Enlistment Officer
Joe Wallenfelsz, Student Enlistment Officer
Robert Williams, Student Enlistment Officer

Faculty Associates

Because Milligan College wishes to continue its relationship to those who have given unusual service as faculty or administrators, special status has been conferred on the following individuals who are no longer serving in a full-time capacity.

- ROBERT O. FIFE, Professor at Large (1954)
B.A., Johnson Bible College; B.D., Butler University; Ph.D., Indiana University; University of Glasgow.
- HOWARD A. HAYES, Professor Emeritus of Bible (1967)
B.A., Milligan College; B.D., School of Religion, Butler University; M.A., Butler University; S.T.M., D. Min., Vanderbilt University.
- DENNIS HELSABECK, Professor Emeritus of Counseling (1963)
B.A., Johnson Bible College; M.A., University of Michigan; B.D., Butler University; Ph.D., University of Wisconsin; Ball University; College of the Bible.
- IVOR JONES, Professor Emeritus of History (1942)
B.A., Milligan College; M.A., University of Tennessee; Columbia University; George Peabody College; Duke University; Oxford University.
- LONE L. SISK, Professor Emeritus of Chemistry (1948)
B.A., Carson-Newman College; B.S., East Tennessee State College; M.A., George Peabody College; D.Sc., Milligan College; University of Tennessee; Vanderbilt University.

- HAZEL TURBEVILLE, Professor Emeritus of Secretarial Science (1950)
B.A., Western State Teachers College; M.A., University of Kentucky; Ed.S.,
George Peabody College; Bowling Green Business University.
- C. ROBERT WETZEL, Professor at Large (1961)
B.A., Midwest Christian College; M.S., Fort Hays Kansas State College; Ph.D.,
University of Nebraska; University of Cambridge.

ENDOWMENT FUNDS OF MILLIGAN COLLEGE

Milligan College is a church-related, liberal arts college. It is dedicated to high scholarship and Christian character. It receives its income from endowments, gifts, and student fees. It is not a tax-supported school.

The following Endowment Funds, Trust Funds, and Memorial Funds have been established in Milligan College.

Named Funds

- The Hoover-Price Trust Fund
- The McWane Foundation Fund
- The Waddy Trust Fund
- The Johnson City Endowment Fund
- The Corinna Smithson Cashman Fund
- The Adam B. Crouch Memorial Fund
- The Sarah Eleanor LaRue Hopwood Memorial Fund
- The Josephus Hopwood Memorial Fund
- The C. W. Mathney Memorial Fund
- The Frank P. Walthour, Sr., Memorial Fund
- The Robert A. Balderson Memorial Fund
- The Thomas Wilkinson Memorial Fund
- The E. E. Linthicum Memorial Fund
- The Elizabethton Endowment Fund
- The Ministerial Scholarship Fund of the Erwin Christian Church
- The Milligan College Building and Endowment Fund
- The McCowan Fund
- The Perry L. Gould Memorial Fund
- The L. G. Runk Endowment Fund
- The Milligan Alumni Endowment Fund
- The Derthick Memorial Fund
- The Kelton Todd Miller Memorial Fund
- The Horace E. and Mary Surepta Burnham Memorial Fund
- The Anglin Fund
- The Aylette Rains Van Hook Memorial Fund
- The Mary Harvey Taber Memorial Fund
- The McCormick Fund
- The Florence Ley Walker Memorial Fund
- The Philip Scharfstein Scholarship Fund
- The Webb D. Sutton Trust Fund
- The Edith B. Cottrell Memorial Fund
- The Milligan College Memorial Foundation
- The Barbara Mains Memorial Fund
- The Wiley Wilson Memorial Fund
- The B. D. Phillips Fund
- The Milligan College Cemetery Association
- The George Iverson Baker Memorial Fund
- The Anna Lucas Kennedy Fund
- The Sam J. Hyder Memorial Fund
- The Ada Bennett Memorial Fund
- The Asa F. and Marguerite Cochrane Memorial Fund
- The Stewart-Roberts Fund
- The Arthur H. Miller Memorial Fund
- The Mary Hardin McCown Living Endowment Fund
- The Dorothy S. Wilson Memorial Fund
- The Clarence and Lela Anderson Brumit Memorial Fund

The Guy and Rhea Oakes Memorial Fund
The Evangeline K. Lucas Memorial Fund
The Joseph R. Crandall Memorial Fund
The Myrtle C. King Memorial Fund
The Lone L. Sisk Endowment Fund
The Mr. and Mrs. Fred Proffitt Memorial Fund
The Dr. Charles E. and Florence A. Burns Memorial Fund
The Dr. H. O. Bowling Memorial Fund
The Ira and Irene Atkinson Memorial Fund
The John C. Paty, Sr., Memorial Fund
The James H. Smith Memorial Fund
The Herschell J. Springfield Memorial Fund
The Dora D. and Nat D. Shoun Memorial Fund
The Clyde Ratliff Memorial Fund
The Virginia Burns Elder Memorial Fund
The Edgar Ralph Turner Memorial Fund
The W. Sylvester Hughes Endowment Fund
The 1968 Class Fund
The 1976 Class Fund
The 1977 Class Fund
The Mrs. William Butler Van Hook Memorial Fund
The William E. and William R. Clem Endowment Fund
The 1978 Class Fund
The John L. Kuhn Memorial Fund
The William E. Axamethy Memorial Fund
The Aileen V. Ellis Memorial Fund
The Edna L. Hedges Memorial Fund
The Clyde and Hassie Ann Smith Memorial Fund
The Carl C. Monin Memorial Fund
The Harry A. Smith Memorial Fund
The 1979 Class Fund
The 1980 Class Fund
The Roy G. True Memorial Fund
The Dimple Hart Christian Memorial Fund
The T. Jayne Gressel Memorial Fund
The Roger Lance Wood Memorial Fund
The Alfred Keefauver Memorial Fund
Raymond R. Roach Fund

It is hoped that through the years many other funds may be established. Anyone wishing to establish such a fund should write to the President of the College.

Living Link Relationship

Christian churches which contribute \$3,000 or more annually to the general fund of Milligan College are eligible to select one of the professors of the college as the living-link Christian educator of that congregation.

Sharing in this special relationship are:

Christian Church, Brownsburg, Indiana; Plainfield Christian Church, Plainfield, Indiana—Dr. Robert O. Fife

East 91st Street Christian Church, Indianapolis, Indiana—Dr. C. Robert Wetzel

First Christian Church, Johnson City, Tennessee—Dr. John L. Morrison

First Christian Church, Chicago, Illinois; THE DEAN E. WALKER CHAIR OF CHURCH HISTORY—Dr. Henry E. Webb

First Christian Church, Erwin, Tennessee—THE FRANK H. KNIGHT CHAIR OF ECONOMICS AND BUSINESS—Professor Eugene P. Price

Churches desiring information concerning this program may write to the President of the College.

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MILLIGAN COLLEGE CALENDAR

Summer Session, 1981

Registration	June 8
First Term Classes	June 8 - July 8
Second Term Classes	July 9 - August 7

Fall Semester, 1981

Dorms Open to Freshmen	August 22
Conference for Parents of Freshmen	August 22
Freshmen Orientation	August 22-25
Faculty Conference	August 24
Dorms Open to Upperclassmen	August 24
Registration (Upperclassmen)	August 25
Registration (Freshmen and Transfers)	August 26
Classes Begin	August 27
Matriculation	August 28
Freshmen and Transfers Reception	August 28
Fall Break	5:00 p.m., October 7 to 8:00 a.m., October 13
Founder's Day	November 13-14
Thanksgiving Holidays	5:00 p.m., November 25 to 8:00 a.m., December 3
Last Day of Classes	December 14
Final Examinations	December 15-18

Spring Semester, 1982

New Student Orientation	January 11
Registration	January 12, 13
Classes Begin	January 14
Spring Break	Noon, March 12 to 8:00 a.m., March 22
Awards Dinner	April 29
Final Examinations	May 10-14
Baccalaureate and Commencement	May 16

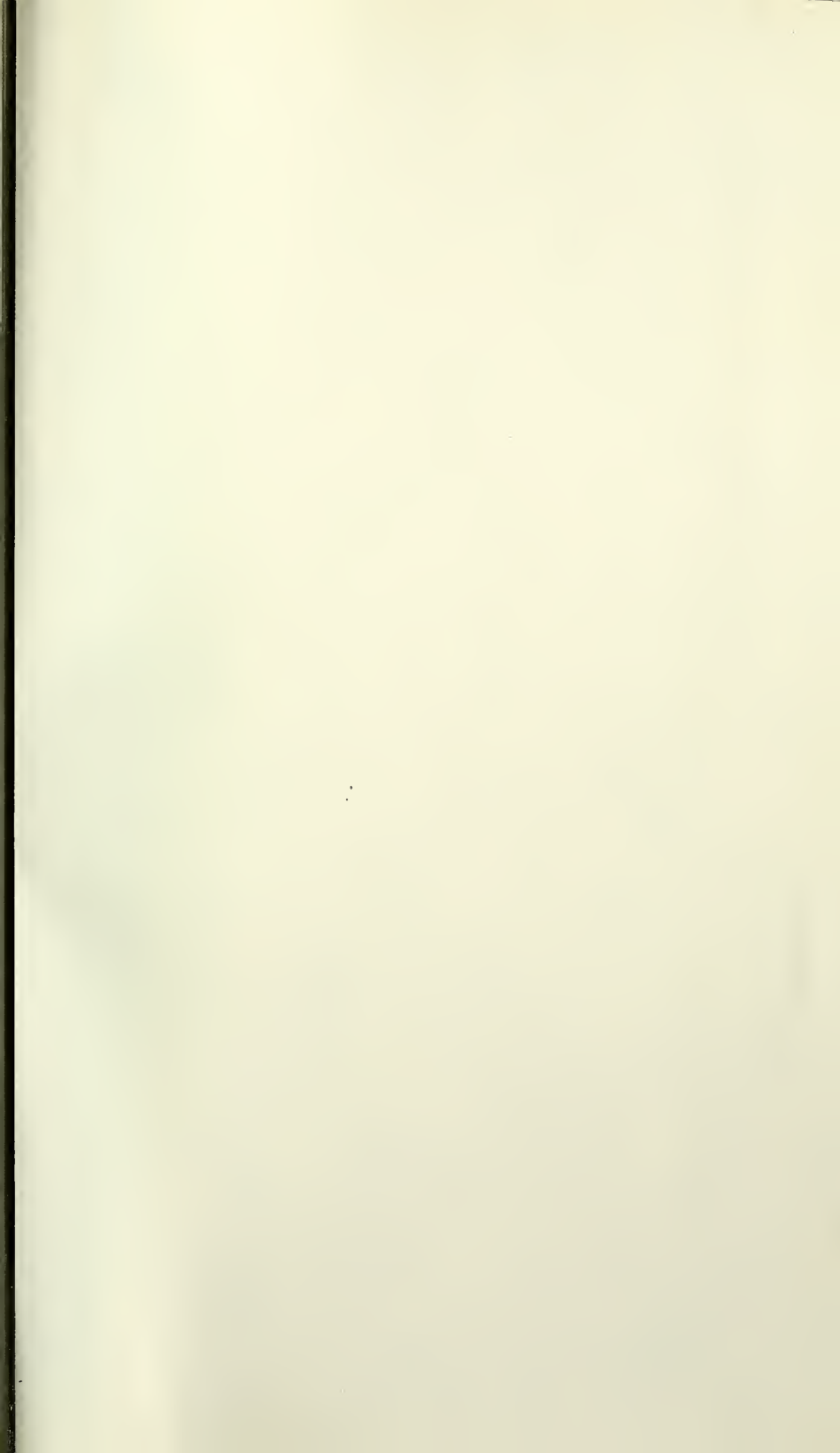
Summer Session, 1982

Registration	June 14
First Term Classes	June 14 - July 14
Second Term Classes	July 15 - August 13

Fall Semester, 1982

Dorms Open to Freshmen	August 21
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Milligan College Library



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