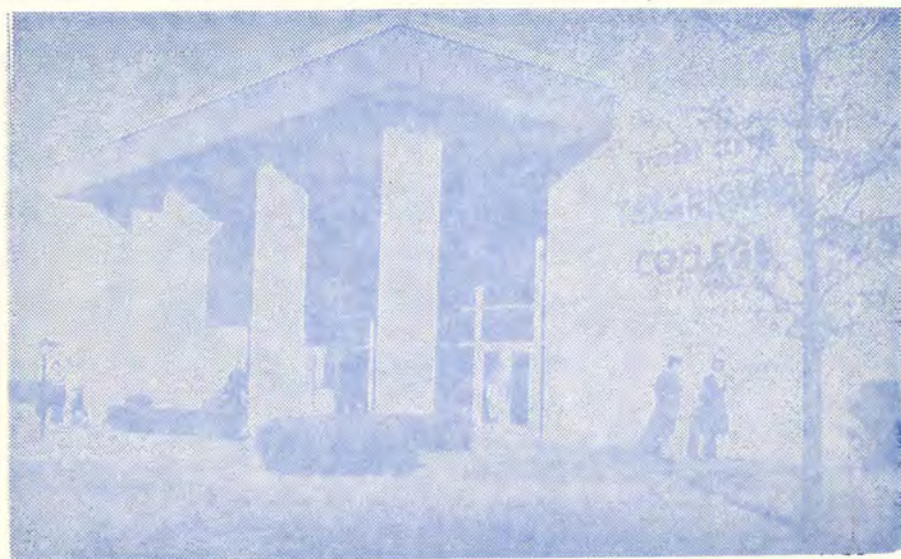


Announcements For

1965 - 1966

Texarkana College

TEXARKANA, TEXAS



Catalogue No. 35

February, 1965



Texarkana College

TEXARKANA, TEXAS

FOUNDED SEPTEMBER, 1927

Catalogue

1964 - 1965

* * * * *

Announcements

1965 - 1966

A PUBLIC JUNIOR COLLEGE OWNED AND OPERATED

by the

TEXARKANA COLLEGE DISTRICT



TEXARKANA COLLEGE
IS
APPROVED AND ACCREDITED
by
THE ASSOCIATION OF TEXAS COLLEGES
THE SOUTHERN ASSOCIATION OF COLLEGES
AND SCHOOLS
TEXAS EDUCATION AGENCY
TEXAS STATE BOARD OF NURSE EXAMINERS

* * * * *

MEMBERSHIP
in
THE SOUTHERN ASSOCIATION OF JUNIOR COLLEGES
AMERICAN ASSOCIATION OF JUNIOR COLLEGES
TEXAS ASSOCIATION OF JUNIOR COLLEGES
NATIONAL COMMISSION ON ACCREDITING



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COLLEGE CALENDAR**1965**

September 3, 4	Faculty Workshop
September 6	Holiday. Labor Day. Dormitories open—1:00 p.m.
September 7	Freshmen Orientation. All Freshmen required to attend. 9:00 a. m. College Auditorium.
September 7	Cafeteria open. 7:30 a. m.
September 7	Test Administration for all students who have not previously taken College Aptitude Test. 1:00 p. m. Administration Building.
September 7	Mathematics Placement Test for Science, Engineering, and Mathematics majors. 1:00 p. m. Administration Building.
September 7-9	Registration of Night Students. 6:30 p. m. Administration Building.
September 8	Registration for all former students.
September 8	Aptitude Test for Freshmen Music Majors. 9:00 a. m. Music Building.
September 9-10	Registration of Freshmen and New Transfer Students.
September 13	Classes meet as scheduled.
September 29	Last day for late registration.
October 8	Last day classes may be dropped without penalty.
November 11	Holiday. Veteran's Day.
November 12	End of Nine Weeks. Grades due in Registrar's Office November 15.
November 25, 26	Thanksgiving Holidays begin at close of all work November 24. Cafeteria closed.
December 18	Christmas Holidays begin at close of all work on December 17.

1966

January 3	Class work resumed.
January 17	Final Examinations.
January 24	Faculty complete reports for first semester.

January 25, 26	Registration for second semester.
January 27	Classes meet as scheduled.
February 11	Last day for late registration.
February 24	Last day classes may be dropped without penalty.
March 25	End of Nine Weeks. Grades due in Registrar's Office March 28.
April 8-11	Spring Holidays begin at close of all work April 7. Cafeteria closed.
April 12	Class work resumed.
May 20-26	Final Examinations.
May 27	Commencement.

SUMMER SESSION 1966

First Term		Second Term	
June 2, 3	Registration	July 18	Registration
June 6	Classes begin	July 19	Classes begin
July 15	End of First Term	August 26	End of Second Term

Night Session

June 1, 2	Registration
June 6	Classes Begin
July 29	End of Session

BOARD OF REGENTS
and
OFFICERS OF ADMINISTRATION
1965 - 1966

BOARD OF REGENTS

Dr. William R. Patterson	President
Dr. William E. Shields	Vice-President
Mannie Stevens	Secretary
John V. Massey	W. S. Chance
James C. Evans	Norman Russell
Robert T. Hughes	Dr. T. J. Wilbanks

OFFICERS OF ADMINISTRATION

J. W. Cady, Ed. D.	President
C. C. Burrus, M. A.	Dean-Registrar
C. O. Pinkerton, M. A.	Dean of Students
Robert L. Arnold, Jr., M. A.	Business Manager
B. J. Murdock, M. A.	Director of Evening College Division and Vocational Education

STAFF

C. Michael Ribariu, Ed. D.	Director of Public Relations
Gwendolyn Dean, M. L. S.	Librarian
Helen Click, M. L. S.	Assistant Librarian
Dick Akins	Manager Student Center and Supervisor of Maintenance

SECRETARIAL

Deanna Huddleston (Mrs.)	Secretary to the President
Joyce Gay (Miss)	Secretary to the Dean
Ruby Neil Keathley (Mrs.)	Assistant to the Registrar
Judy Free (Mrs.)	Secretary to the Dean of Students
Virginia D. Bridges (Mrs.)	Secretary to the Business Manager
Joyce Fulmer (Mrs.)	N. D. S. L. Clerk
Johnnie Wilson (Mrs.)	Switchboard Operator

FACULTY 1964 - 1965

- J. W. Cady (1964) President
 B. A. University of Arkansas
 M. S. E. University of Arkansas
 Ed. D. University of Arkansas
 University of Minnesota
- C. C. Burrus (1943) Dean-Registrar
 B. A. Howard Payne College
 M. A. East Texas State College
 University of Texas
 North Texas State University
- R. L. Arnold, Jr. (1963) Business Manager
 B. A. East Texas State College
 M. A. East Texas State College
 University of Texas
 Baylor University
- Claude O. Pinkerton (1946) Dean of Students
 B. A. East Texas State College
 M. A. East Texas State College
 Abilene Christian College
 University of Texas
 University of Colorado
 Michigan State University
- B. J. Murdock (1958) Director, Evening College Division
 B. S. Southern State College and Vocational Education
 M. A. East Texas State College
 East Texas State College
- Gwendolyn Dean (Miss) (1958) Librarian
 B. S. E. University of Arkansas
 M. S. in L. S. East Texas State College
- Raynal Barber (Mrs.) 1959) English
 B. A. Ouachita Baptist College
 M. A. Texas Christian University
 Ouachita Baptist College
- James H. Bennett (1957) Chemistry
 B. S. Southern State College
 University of Arkansas
 East Texas State College
- Iona B. Berry (Mrs.) (1959) Psychology
 B. A. Louisiana State University
 M. A. Columbia University
 University of Chicago
 Columbia University

- Thelma L. Bollinger (Mrs.) (1964) Education
 A. A. Jacksonville Baptist College
 B. S. Stephen F. Austin College
 M. A. Stephen F. Austin College
- Ruth E. Bransford (Mrs.) (R. N.) (1961) Nursing
 B. S. University of Maryland
- John H. Calvert (1951) Business Administration
 B. S. East Texas State College
 M. S. East Texas State College
 University of Colorado
- Gene O. Carlisle (1962) Chemistry
 B. S. East Texas State College
 East Texas State College
- Betty Carter (Mrs.) (1953) French
 B. A. Lambuth College
 M. A. Louisiana State University
 University of Tennessee
- Helen Click (Mrs.) (1964) Assistant Librarian
 B. A. Hendrix College
 M. L. S. Texas Woman's University
- Tom Collins, Jr. (1960) Physical Education
 B. S. Midwestern University
 East Texas State College
- Olivia Crouch (Miss) (1963) Spanish-English
 B. A. Texas Woman's University
 M. A. Texas Woman's University
 University of Texas
- Joe M. Downs, Jr. (1964) Speech-Drama
 B. A. Ouachita Baptist College
 M. A. University of Arkansas
- Lois N. Duck (Mrs.) (1957) English
 B. A. Baylor University
 M. A. East Texas State College
 East Texas State College
 University of New Mexico
- Lucille Elgin (Mrs.) (1958) English
 B. A. Ouachita Baptist College
 M. A. East Texas State College
 University of London
 University of Arkansas
 Ouachita Baptist College

- Ruth Fomby (Mrs.) (1955) Mathematics
 B. A. Hendrix College
 M. A. East Texas State College
 North Texas State University
 University of Mexico
- C. O. Fowler (1954) Mathematics
 B. S. East Texas State College
 M. S. East Texas State College
 University of Houston
 Florida State University
- Bobby Fox (1959) Physical Education
 B. S. East Texas State College
 M. Ed. East Texas State College
- Etha B. Hand (Mrs.) (R. N.) (1963) Nursing
 B. S. Texas Woman's University
 Providence Hospital School of Nursing
 Baylor University
- Harold W. Hatchett (1962) Data Processing - Economics
 B. S. Louisiana State University
 M. B. A. East Texas State College
 North Texas State University
 Colorado State University
- Lou Ella Humphrey (Mrs.) (R. N.) (1960) Vocational Nursing
 Arkansas Baptist Hospital School of Nursing
 Little Rock University
 University of Texas
- Dell Jacobs (Mrs.) (1951) Business Administration
 B. B. A. University of Texas
 M. B. A. East Texas State College
- Burnham B. Jones (1964) Business Administration
 B. B. A. University of Texas
- Kenneth C. Keathley (1956) Biology
 B. S. North Texas State University
 M. A. Sam Houston State College
 University of Oklahoma
- Lillian K. Keith (Mrs.) (R. N.) (1962) Nursing
 R. N. Charity Hospital
 B. S. Northwestern State College
 M. S. University of Maryland
- Mabel King (Mrs.) M. D. T. A.
- James O. Knight, Jr. (1964) Engineering-Science
 B. S. University of Texas

- George M. Kyer (1961) Music
 B. S. Marshall University
 M. Mus. University of Texas
- Eva Landgraf (Mrs.) (R. N.) (1957) Vocational Nursing
 Providence Hospital School of Nursing
 Baylor University
 University of Texas
- Gene Livingston (Mrs.) (R. N.) (1960) Nursing
 B. S. Texas Christian University
 North Texas State University
- Otis O. Lumpkin (1959) Art
 B. S. University of Arkansas
- Carmon McFerran (Mrs.) (1958) Mathematics
 B. S. E. Arkansas State Teachers College
 M. Ed. East Texas State College
 Stanford University
 Florida State University
 University of Arkansas
- Paul McFerran (1958) Science-Engineering
 B. S. Arkansas State Teachers College
 M. S. East Texas State College
 Harvard University
 Florida State University
 University of Arkansas
 University of Southwestern Louisiana
 Arlington State College
- Lillian McKenzie (Miss) (1963) Piano-Organ
 B. A. Louisiana State University
 M. M. Southern Methodist University
 Louisiana State University
- Joel R. McGee, III (1957) Biology
 B. A. East Texas State College
 M. Ed. East Texas State College
- Robert R. Mills (1958) Business Administration
 B. S. East Texas State College
 M. Ed. East Texas State College
- Margaret B. Montgomery (Mrs.) (1957) English
 B. A. Southern Methodist University
 M. A. Southern Methodist University
 Ecole Normale de Musique, Paris, France
 University of London
 University of Oregon

- Norma Nelson (Miss) (1960) Physical Education
 B. S. East Texas State College
 M. S. East Texas State College
- Glen Owens (1962) Music
 B. M. University of Arkansas
 University of Houston
- Frank Lynn Payne (1961) Music
 B. M. University of Arkansas
 M. M. North Texas State University
- Willard Pyle (1958) Biology
 B. S. Arkansas A&M
 University of Arkansas
 East Texas State College
- C. Michael Ribariu (1964) Director of Public Relations
 B. F. A. College-Conservatory of Music of Cincinnati
 Ed. M. University of Cincinnati
 Ed. D. University of Cincinnati
- Grady L. Richardson (1959) Agriculture
 B. S. Texas A&M
 M. S. Texas A&M
 Vanderbilt University
 New Delhi University
- David Rison (1964) History
 B. A. Ouachita Baptist College
 M. A. University of California
- J. Elden Spencer (1959) Social Science
 B. A. Texas Christian University
 M. A. Texas Christian University
 University of Texas
 Texas Christian University
- Richmond P. White (1962) Engineering
 B. S. East Texas State College
 M. S. East Texas State College
- Robert G. Williams (1959) History-Government
 B. S. Stephen F. Austin State College
 M. Ed. Stephen F. Austin State College
 University of Texas
- Elizabeth G. Willis (Mrs.) (1962) (R. N.) Nursing
 R. N. University of Cincinnati
 B. S. University of Cincinnati
 M. S. Western Reserve University

- Walter E. Willis (1941) English-Journalism
 B. A. Southwest Texas State Teachers College
 M. A. University of Texas
 Northwestern University
 Columbia University
- Amma S. Woner (Mrs.) (R. N.) (1956) Vocational Nursing
 George Peabody College for Teachers
 Texarkana Hospital School of Nursing
 University of Arkansas
- Henry W. Wood, Jr. (1959) History
 B. A. Ouachita Baptist College
 M. A. East Texas State College
 Baylor University
 University of Mississippi

Note: Year following name indicates first year of service at college.

HISTORY OF THE COLLEGE

Texarkana College was founded in 1927 as a public junior college and as a branch of the Texarkana, Texas, Public School System. Dr. H. W. Stilwell served as both the Superintendent of Schools and as President of the College. W. P. Akin was selected as the first Dean of the College.

The first building housing the College was erected at the corner of 16th and Pine Streets. The building contained classrooms, laboratories, administrative and teachers' offices, and a gymnasium. The building was solely owned by the school district, and the laboratories and gymnasium were jointly used by the College and the high school. Following enabling legislation by the State of Texas, in 1941 the Texarkana College District was established by an election of the taxpayers of the public school district, and a tax rate of 20¢ per \$100 of assessed valuation was passed at the same time.

The College showed a slow but steady growth from the 109 enrollment in 1927 until the end of World War II. As veterans returned from the war, it became increasingly apparent that the growth in enrollment demanded enlargement of the College facilities. Accordingly, an election was called in 1948 for the issuance of \$400,000 in bonds to purchase a new campus and to finance the construction of new facilities. Upon passage of the election some 20 acres of land were purchased and the construction of the present Administration Building and the gymnasium was begun in 1950. The College was then moved to its present site in October, 1951. The enrollment for 1951-52 was 589 students.

In 1954 the taxpayers of the district voted to raise the tax rate to 40¢ per \$100 of assessed valuation. Shortly thereafter bonds in the amount of \$500,000 were voted for the construction of the College Auditorium and the Classroom Building.

In 1957, by act of the Board of Regents of the College and the Board of the Texarkana Independent School District, the same members serving on each Board, an agreement was reached to separate the two Boards. Shortly thereafter Dr. Stilwell relinquished his duties as Superintendent of Schools and gave his full time to the presidency of the College.

In 1958, through the issuance of \$475,000 revenue bonds, the Student Union Building was constructed and opened for use early in 1959. Through the issuance of revenue bonds the College acquired additional lands to bring the present campus to 88 beautifully landscaped acres. Using the same source of revenue, the following buildings were constructed: Boys' Dormitory, Girls' Dormitory, Music Building, Technical Building, and Bus and Maintenance shops. The Administration Building was air-conditioned and numerous improvements were made to other buildings on the campus.

In November 1959 Dr. Stilwell died. Dean W. P. Akin was appointed Acting President until Dr. Stilwell's successor, Dr. W. H. Hinton, was appointed in March, 1960. Mr. Akin then became Vice-President and served in this capacity until the resignation of

Dr. Hinton in June, 1962. Mr. Akin was then made President and served until his death in September 1963. Dean C. C. Burrus was named Acting President upon the death of Mr. Akin and served until March, 1964, when Dr. J. W. Cady was elected as the fourth President of the College.

The growth of the College can best be shown by comparing the enrollment of 109 students in 1927-28 with the enrollment of 1724 students in 1963-64. Summer enrollment in 1928 was 25 students; in 1964 summer enrollment was 724 students.

Future progress of the College necessitates the construction of additional buildings to house the library and science departments. Plans are now in progress for a science complex that will provide room for additional growth of the College.

GOVERNMENT

The government of Texarkana College is vested in a Board of Regents consisting of nine members. Administration of the policies of the board is delegated to the President of the College.

CLASSIFICATION, AFFILIATION, STANDING

Texarkana College is approved and accredited as a two-year college by the Texas Education Agency, the Association of Texas Colleges, Texas State Board of Nurse Examiners, and the Southern Association of Colleges and Schools. The College is also a member of the Texas Association of Public Junior Colleges, the Texas Association of Junior Colleges, the Southern Association of Junior Colleges, and the National Commission on Accrediting. With careful planning, credits earned at Texarkana College are transferable to senior colleges and universities.

LOCATION

Texarkana College is located on the northwest border of the city of Texarkana, Texas, at the junction of Robison Road and Tucker Street, about three miles from the downtown business district. The campus adjoins the Sherwood, Oaklawn and Westlawn Additions to the city, and is near the Beverly, Broadmoor, Brookhaven, Avondale, Brown and Watts additions.

The twin cities of Texarkana, Arkansas-Texas, serving a four-states area and popularly referred to as the Gateway to the Southwest, have a combined population of approximately 55,000. Widely known as a manufacturing, shipping, transportation, and railroad center, Texarkana is also noted for its lumber and dairy products. Located near the city is the U. S. Army Lone Star Ordnance Plant and Red River Army Depot, second largest arsenal in the nation. Texarkana is also known for its many schools and churches, many of them conforming to the very latest ideas in school and church construction.

BUILDINGS AND GROUNDS

Campus. The Texarkana College campus now consists of eighty-eight beautifully landscaped acres. Through the efforts of the Garden Clubs of Texarkana a continuing program of beautification is in progress.

Administration Building. The completely air-conditioned administration building constructed of brick, tile, and concrete contains the administrative offices, science and business administration departments, and the library. Laboratories in both science and business administration are equipped with the most modern equipment. The library has approximately 10,000 volumes especially selected and recommended for junior college students. Four daily newspapers are available to the students. The periodical library contains approximately 60 current subscriptions and more than ten per cent are bound for permanent reference material.

Classroom Building. The classroom building has twelve classrooms and twelve offices for instructors.

The College Auditorium. The Auditorium, which has a stage area of 2,900 square feet and a foyer area of 5,300 square feet, is air conditioned. It was erected at a cost of approximately one-half million dollars and seats 2,500.

The Texarkana College Student Center. In January, 1959, the new half-million dollar Student Center was opened. This structure, the prettiest on the campus, houses a large lounge and ballroom, a large cafeteria, snackbar, kitchen, bookstore, bowling alley, recreation room, post office, reading room, student publications room, a chapel, a terrace and a landing dock. The Continental Room provides facilities for small banquets and group meetings. Offices for the Dean of Students, for activities, for members of the faculty who sponsor student publications, and for the student council are also in the Student Center.

The reading room is equipped with comfortable chairs and tables to serve 200 students at one time. Special features for the comfort and convenience of the students are conference rooms for individual and group study and the browsing area for recreational reading.

The Gymnasium. The Gymnasium houses the offices of the coaches and physical education teachers as well as a regulation gymnasium floor, dressing rooms, and showers.

The Music Building. The Music Building contains five practice rooms for the Bulldog Band, the College Choir, and various ensemble groups. Individual practice rooms are provided as well as offices for the music faculty. This building is completely air conditioned and is modern in every respect.

The Technical Building. This building contains classrooms and laboratories for the Agriculture Department and for electronics.

The Art Department studio is also located here. This building is completely air-conditioned.

The Men's Dormitory. This modern two-story brick building has accommodations for 100 men. It is divided into two wings housing fifty men in each wing. Rooms are provided for single occupancy or for two men per room. Each wing has an apartment for the dormitory supervisors.

The Women's Dormitory. The Women's Dormitory is a modern two-story building housing 48 women in single or double rooms. A beautiful reception room is found on the first floor for entertaining guests. Also, on the first floor is an apartment for the dormitory supervisor.

Athletic Facilities. A modern football practice field is just north of the gymnasium. Surrounding the field is a 440-yard cinder track. It has a 220 yard straight-a-way with ten lanes. There are eight lanes in the 440 yard track. A lighted baseball field is also located on the campus, along with four lighted concrete tennis courts.

Science Complex. Plans are underway to construct a four-building complex to house the Science-Engineering Division and the Nursing Department. Presently under construction is the Biology Building, containing two classrooms, three laboratories with adequate storerooms, four teachers' offices, two instructors' research laboratories, and four student laboratories. The building is air-conditioned, and will be ready for occupancy for the fall semester of 1965. Plans are on the drawing board for a Chemistry Building. It is hoped that this building will also be ready for occupancy in the fall of 1965. The other two buildings will house the Physics, Engineering, and Data Processing departments, and the Nursing Department.

THE RESIDENCE OF STUDENTS

Residence Halls. Each room in the modern residence halls contains clothes closets, a study table, dresser, and two single beds. Each student is required to furnish four sheets, pillowcases, pillow, blankets, bedspreads, towels, laundry bags, and curtains, all of which should be plainly marked with the owner's name.

Women Students. Women students who do not live with parents or blood relatives are required to live in the women's dormitory. Should the capacity of the dormitory be exceeded, women may live in homes approved by the Dean of Students. Any change in residence may not be made without the approval of the Dean of Students.

Men Students. Men students who live on campus are housed in the men's dormitory. This dormitory is under the supervision of the Dean of Students.

Application for Rooms in Residence Halls. An application for room reservation should be addressed to the Dean of Students. No reservation is in effect until a student has an application for admission to Texarkana College on file in the office of the Dean of Students.

An application for a room must be accompanied by a deposit of ten dollars which is refunded upon official withdrawal from the College or upon graduation. If an applicant finds it necessary to cancel a reservation, the deposit is refunded only if the cancellation reaches the office of the Dean of Students three full weeks before the opening of the semester.

Occupancy. Residence halls are open for occupancy at 1:00 P. M. the day before Freshman Orientation and must be vacated by noon of the day following the close of the session. Space in college residence halls is limited, and assignments are made in the order applications are received, except that students in residence have first choice both in reservation and rooms.

All students living in the dormitories will be required to take their meals in the college cafeteria.

BUS TRANSPORTATION

Bus transportation will be provided when it is feasible to establish bus routes. Highway conditions and connections and the numbers of students who desire to ride the bus will be the determining factors in establishing routes. In some cases it may be possible to run feeder cars to connect with regular bus routes. A charge of \$20.00 each semester will be made for this service.

SOME ADVANTAGES OF JUNIOR COLLEGE TRAINING

1. In a junior college students can complete two full years of the regular four-year college course or of the specialized professional courses of engineering, law, medicine, and other pre-professional courses and can get full credit for two years of work when they transfer to any senior college or university.
2. Students in the junior college are afforded the continued influence of the home community and church for two more years after their graduation from high school. Certainly, students who have had this extra advantage can adapt themselves to their new surroundings when they do go away for their last two years of college work.
3. In a junior college which has a rather small enrollment young students have an opportunity for very close contact with their instructors, who counsel with them and give them the individual attention they need during their first two years in college.
4. Students in junior college also have much better opportunities to participate in student activities, make names for themselves, and to assume responsibilities where they are not overshadowed by upper classmen of a four-year institution.

5. Certainly the expense of attending a junior college is far less than that of attending a large college or university away from home.
6. Statistical surveys prove that junior college graduates do as well as or better than students do who have had their first two years work in senior colleges or universities.

OBJECTIVES OF TEXARKANA COLLEGE

The primary objectives of the Texarkana College are to meet the educational needs of the region in which it is located. These needs are fulfilled in the following ways.

1. The offering of pre-professional and liberal arts courses that are fully accredited toward a baccalaureate degree.
2. The offering of vocational training, developing skills, and technical training on a semi-professional level.
3. The provision of continuing education to high school graduates and other adults in order to increase individual competence.
4. The provision of general and broad cultural advantages.
5. The provision of guidance in aiding students to find their place in society.

STUDENT ACTIVITIES

Texarkana College encourages and fosters worthwhile student activities under the direction of competent faculty advisors. This is done in the belief that students should experience the opportunity to realize their aspirations and cultivate their interests in popular lines of endeavor outside the classroom.

A general calendar for all student functions will be made up in consultation with the faculty committee on student interests, activities, and organizations during the first month of each semester. No student activity will be approved later than two weeks prior to the date on which this activity is to be held. The Student Senate and the Dean of Students maintain the college activity calendar. All club and student organization activities are cleared through the Student Senate for date of specific functions.

All funds of every organization must be deposited in and disbursed from a central student activity account. Disbursement will be made on the presentation of properly executed vouchers.

The expense of social affairs given by various clubs must be paid by the organization sponsoring the function.

The college auditorium with a seating capacity of 2500 brings the very best cultural and educational entertainment to the Four States Area. It also provides facilities for college dramatic productions, musical programs, assemblies, and club meetings. Through cooperation with the Texarkana Civic Music Association all students are admitted to the concerts presented by the Association upon presentation of a student activity card.

STUDENT GOVERNMENT

The Student Senate. The Student Senate of Texarkana College is composed of a president, vice-president, secretary-treasurer, the presidents of the freshman and sophomore classes, and one elected representative from each officially recognized campus organization. For a representative to be officially recognized from another club, the club of which the representative is a member must have a constitution approved by the Student Senate on file in the Office of Dean of Students.

The Student Senate is a civic organization which assumes leadership in promoting worthwhile student enterprises. It also serves as an advisory organization representing the student body in its relations with the faculty and administration. Students who are elected to serve on the Student Senate receive invaluable training and experience in civic leadership.

The Student Senate is sponsored by the Dean of Students.

CLUBS AND FRATERNITIES

Tee Cee. An organization for men of the college who desire to render service to both the college and the community. There is also opportunity for social contacts among the men and an opportunity for the development of leadership among them.

Delta Psi Omega. Students who meet the requirements may become members of this national dramatic fraternity.

Blue Jackets. A service organization of young women who are chosen on the basis of scholarship, leadership, and service. The membership is limited. This is a young woman's civic organization which makes an unusual contribution toward the enrichment of college life.

Student TSEA. A professional organization the membership of which is composed of students who think they may want to become teachers. Its objective is to interest the best young men and women in education as a life career.

Phi Theta Kappa. National Junior College Honorary Scholastic Society which has as its aims the promotion of scholarship, the development of character, and the cultivation of fellowship among the students. To be eligible for active membership, a student must be of good moral character and must possess recognized qualities of citizenship as judged by a faculty committee. At the time of election the student must be within the upper scholastic ten per cent of the regularly enrolled student body. The chapter endeavors to send every year a delegation to the national convention. This contact with outstanding college students throughout the United States is a stimulating and worthwhile experience.

The English Club. An organization of students interested in extending their personal enjoyment of literature, in increasing their

appreciation of literary forms and ideas, and in opportunities for creative writing. The membership is limited.

Circle K. An international service organization for college men. Membership is based on character, scholarship, and the desire to be of service to the college and to the community.

Pre-Medical Club. A professional organization whose membership is open to pre-medical, pre-dental, and para-medical students of the college. The club makes information concerning the medical and dental professions available to its members and strives to inspire and encourage its members in their academic preparation.

Phi Beta Lambda. A social and professional organization affiliated with both the national and state organization whose membership is open to all students taking business administration courses. The club promotes interest in the commercial department and aids students who are interested in a secretarial, clerical, or business career. Social functions, business-industry tours, and business education workshops are among the club's activities.

The French Club. Each year at the beginning of the second semester a certain percentage of those students making the highest grades in Elementary French are invited to join **Le Cercle Francais**, a chapter of the **International Federation of French Alliances**.

Los Conquistadores. Spanish club for students interested in a better understanding of the Spanish language and the peoples speaking it.

Phi Rho Pi. The National Honorary Forensic Society for Junior Colleges. Its purpose is to promote the interests of oratory, extemporaneous speaking, debate, radio speech, dramatic interpretation and other speech activities. Membership is conferred only upon regular junior college students in good standing who have represented their college in inter-collegiate forensic contests or who have achieved distinction in public speaking.

Science Club. The club seeks to enrich the program of students at the college through its aims: stimulation of the knowledge of science, promotion of scholastic excellence, aid in the perfection of scientific skills, opportunities for service to the community, and providing an understanding of the importance of science in life today.

Professional Nurses Club. An organization for professional nursing students. Its purpose is to foster interest in the nursing profession. The Professional Nurses Club is affiliated with the Texas Nursing Students Association and the National Student Nurses Association.

Mu Upsilon Sigma. The purpose of **Mu Upsilon Sigma** is to foster and promote fellowship among the students of Texarkana College who are active in the band programs of the college; to give opportunity for leadership to select members of the bands who

are members of **Mu Upsilon Sigma**; to provide a means of recognition for superior talent and academic accomplishment.

Texarkana College Players. The purpose of this organization shall be to promote interest and participation in theatre activities among the student body; to provide quality entertainment for members, the student body, and the community; and to uphold the ethical and scholastic standards of educational theatre.

Archaeology Club. The purpose of this organization shall be to promote a better understanding of the American Indian and other archaeological findings of this area; to establish a museum, library, and workshop at Texarkana College; and to follow the regulations of Texarkana College in pursuit of the goals of this organization.

Rodeo Club. An organization of students whose membership is open to anyone interested in the sport of rodeo. The purpose is to encourage active interest and participation in this competitive sport. The club sponsors rodeos during the fall and spring semesters.

STUDENT PUBLICATIONS

The Kennel. The Kennel is the college newspaper published by and for the students. Students who are interested in journalism find the opportunity to serve on the staff of The Kennel a real chance for the development of leadership.

The Bulldog. The Bulldog is the college annual presenting a pictorial review of the year's activities. This publication gives opportunity for application in many fields of student interest. Experience in advertising is provided as well as in editorial and art work.

RELIGIOUS ORGANIZATIONS

The following organizations have active groups on the campus: Baptist Student Union (B. S. U.), Wesley Foundation, Westminster Fellowship, Missionary Baptist Student Fellowship (M. B. S. F.), and the Newman Club.

ATHLETIC AND SPORTS

Texarkana College encourages the physical and social development of students by sponsoring a program of intramural athletics to meet the desire and needs of its students. At various times campus groups have participated in tennis, basketball, archery, and track and field events. Facilities for these sports are available for students who wish to participate in them.

POLITICAL ORGANIZATIONS

The following political organizations are active on the campus: The Young Democrats and The Young Republicans.

REGULATIONS CONCERNING EXPENSES

All Fees Are Non-Refundable

Terms may be arranged for payment of room and board. No refund will be made on board unless a student is absent at least two weeks in succession.

Room — per semester	\$ 56.25
Board — per semester	\$191.25

LATE REGISTRATION FEE

A late registration fee of \$5.00 will be charged all students who enroll after the last designated registration day of any semester or term.

ACTIVITY AND PUBLICATION FEE

Activity and Publication Fee \$5.00 Per Semester

This fee is mandatory for all students taking 12 or more semester hours. Students who are taking less than 12 semester hours may elect to pay this fee. The fee entitles the student to admission to all college sponsored activities and to **The Kennel**, the college newspaper. If enrolled for both semesters the fee also entitles the student to a copy of the college yearbook, **The Bulldog**.

GRADUATION FEE

A graduation fee of \$5.00 is paid by all who graduate from the Texarkana College. This fee includes cost of cap, gown, and diploma.

ROOM RESERVATION

Reservation, Breakage, and Key Deposit Fee
for all students residing in dormitory.....\$10.00
(refundable at end of year on return of key and evidence of no breakage.)
Student parking sticker fee50¢

LABORATORY FEES

(Payable in Advance)

Laboratory and equipment use fees shall be charged each semester as follows:

Chemistry	\$ 3.00
Biology	3.00
Physics and Physical Science	3.00

Nursing Students: Uniforms and Cap	28.50
Surveying	3.00
Office Machines	5.00
Typewriting	2.50
Nursing Fee	5.00

(The uniforms and cap remain the property of Texarkana College. The student has the privilege of using the uniforms while enrolled in the Department of Nursing. Upon graduation the cap becomes the property of the student.)

L. V. N. Tuition	\$100.00
Data Processing	8.00
Tuition for private music is in addition to all regular charges.	
Tuition for private music for students enrolled in other classes and paying regular fees:	
One 30 minute lesson per week	\$30.00
Two 30 minute or 1 hour lessons per week.....	50.00

TRANSPORTATION FEE

A charge of \$20.00 each semester for those riding buses will be made for transportation.

TUITION

The school year is divided into two semesters of eighteen weeks each and a summer session. The students are charged accordingly for all fees.

SCHEDULE OF GENERAL CHARGES FOR ALL STUDENTS EACH SEMESTER

The charges as listed cover tuition for the number of semester hours indicated. These are due and payable upon registration.

Full time students registered	
for 12 or more semester hours	\$100.00
Registered for 11 semester hours	91.67
Registered for 10 semester hours	83.33
Registered for 9 semester hours	75.00
Registered for 8 semester hours	66.67
Registered for 7 semester hours	58.33
Registered for 6 semester hours	50.00
Registered for 5 semester hours	41.67
Registered for 4 semester hours	33.33
Registered for 3 semester hours	25.00
Registered for 2 semester hours	16.67
Registered for 1 semester hour	15.00

The above charges apply for auditing courses. Students who are not residents of the State of Texas are charged a non-resident fee which under the Texas Statutes shall be an amount equivalent to the amount charged students from Texas by similar schools in the state in which the said non-resident student shall be a resident,

providing that this fee is not less than the fee charged Texas residents. The application of this provision of the law is that residents of Arkansas attend the Texarkana College for the same registration fees required of Texas residents.

The residents of other states will pay the Texas non-resident charge unless it is found that the state of which they are residents can comply with the exemption as stated in the Texas Statutes as follows:

"Non-resident registration fees shall not apply to Junior Colleges located immediately adjacent to State boundary lines, which institutions shall collect from each non-resident student an amount equivalent to the amount charged students from Texas by similar schools in the state of which the said non-resident student shall be a resident."

Policy Concerning Refunds.

Upon presentation to the Registrar of his receipt from the Auditor showing payment of the fee, any student withdrawing officially (a) during the first full week of classwork of a semester will receive a refund of 70 per cent of the applicable portion of the fee; (b) during the second week, 60 per cent; (c) during the third week, 40 per cent; (d) during the fourth week, 20 per cent; (e) during the fifth week and thereafter, nothing.

An immediate refund will not be made to a student who withdraws within fifteen days after the payment of his fees; but upon request, a check covering all refunds due will be mailed to the address left with the Registrar.

A student who enters the spring semester not knowing his fall semester grades and is required to withdraw because of failure in the work of the fall semester will have all of his registration and tuition fee for the spring semester refunded.

No refund provided for above will be granted unless applied for within one year after official withdrawal.

Exemption of Veterans.

Men and women who are citizens of Texas, who are residents of Texas at the time of induction, and who served in the armed forces and were honorably discharged therefrom (except certain limitations for age, personal requests, and period of service) and who are not eligible for educational benefits provided for veterans by the U. S. Government, are exempted from certain required fees but not for deposits, course fees, and certain fees fixed for all students. To obtain this exemption a photostatic or certified copy of the discharge papers and a notarized statement by the veteran that all benefits have expired must be presented to the registrar for record.

Since the college receives state aid only on those students who are registered on the 12th class day of the regular session, and who have completed fewer than 64 semester hours of credit, veterans who are not registered on this date, or who have completed 64 or more hours of credit, will not be eligible for the above exemption.

That is, persons not registered for the first semester will not be eligible for exemption the second semester of this year.

SCHOLARSHIPS, LOANS AND EMPLOYMENT

Employment.

The college will attempt to find part-time work for those students who wish to work for a part of their college expense. Everything possible will be done to assist worthy students in finding such work. A Student Placement Service, administered by the Dean of Students, is maintained for the primary purpose of helping students secure part-time employment. This service also includes personal interviews, the maintenance of personal records, and the list of job opportunities.

This service also assists graduates and ex-students of the Texarkana College in finding employment in their chosen fields of work.

Scholarships.

Scholarships which are good for one regular session are awarded by the Texarkana College to the first honor graduate of affiliated high schools.

The Altrusa Club of Texarkana grants each year a two-year scholarship to an outstanding girl from both the Texas Senior High and the Arkansas Senior High School.

The Atlanta Rotary Club provides a scholarship for an outstanding graduate of the Atlanta High School. The award is made on the recommendations of the high school and the regulations as set up by the club.

Dr. C. P. Klein provides scholarships for two students studying X-Ray Technology.

The Soroptimist Club of Texarkana provides two scholarships for students in Vocational Nursing.

The National Defense Transportation Association awards a scholarship to an area student on the basis of scholastic ability and need.

The East Texas Hospital Association awards a scholarship to a student of the William Buchanan Department of Nursing on the basis of scholastic ability and need.

The Texarkana Rotary Club provides a scholarship for a student from the Texarkana, Arkansas, High School and the Texarkana, Texas, High School. These students are selected under the regulations set up by the club.

The Rho Chapter of Alpha Delta Kappa Sorority provides a scholarship for a girl student who is a graduate of a Miller County high school.

The Texarkana Junto Club awards two scholarships, one to a girl from the Texarkana, Arkansas, High School, and the other to a girl from the Texarkana, Texas, High School. These girls are selected by the faculties of the respective high schools.

The Southwestern Bell Telephone Company provides two scholarships for employees of the company.

The DeKalb Lions Club has provided a scholarship for a graduate of the DeKalb High School.

The American Business Women's Association of DeKalb provides a scholarship for a girl graduate of DeKalb High School majoring in business.

The Texas City Council of P.T.A. awards a scholarship to an outstanding graduate of the Texas Senior High School.

The Future Homemakers Club of the Texas Senior High School provides a part scholarship for a Texas High School girl majoring in homemaking.

Through the assistance of the following individuals and firms scholarships are awarded to a number of top ranking graduates of high schools in this area: The Texarkana National Bank, The State National Bank, The Texarkana Oaklawn Bank, The Borden Company, Southwestern Electric Power Company, Mannie Stevens, Belk-Jones Company, Montgomery Ward, D & W Packing Company, W. F. Murphy, Jr., Dillard's, Inc., and Sears Roebuck.

Loan Funds.

The Gazette and News Student Loan Fund. The late Mr. C. E. Palmer of the Texarkana Gazette and Daily News made available a loan fund to be used as personal loans to students when needed for emergencies. The fund will be administered by the Student Senate.

Federal Loans under the provisions of the National Defense Education Act of 1958 are now available at the Texarkana College. Students interested in these loans should make inquiry to the Business Manager of the college for details and applications. The Rotary Club of Texarkana and the Texarkana Kiwanis Club provided the necessary matching funds for this program.

Other organizations and individuals have funds which are available as loans. These funds are obtainable at a low rate of interest and repayment is not expected until the student has an opportunity to begin earning after completing the college course.

PRIZES AND AWARDS

The Rotary Club Good Citizen Award is presented to the student chosen by the faculty for outstanding citizenship qualities during the year.

The Blue Jacket Award goes to the student selected by the students as the best all-round student for the year.

The Hale Parker-Porter Akin Memorial Fund was established in 1963. The purpose of the Fund is to foster excellence in scholarship. An award will be made to an outstanding graduate each year at the spring commencement exercises.

HONORS AND DISTINCTIONS

Students enrolled for 12 semester hours or more who make a 3.8 quality point average are placed on the President's List. Those with a quality point average of 3.2 are placed on the Dean's List.

The College awards to graduates with the Associate of Arts Diploma, Associate of Science Diploma, or Associate of Business Diploma, distinction for excellent scholarship, as follows:

1. Diplomas with Special Distinction to all students having not less than a 3.8 grade point average on all their college work.
2. Diplomas with Distinction to all students having not less than a 3.2 grade point average on all of their college work.

REQUIREMENTS FOR ADMISSION

General Requirements: In order to be admitted to the Texarkana College a prospective student must (1) complete the application blank found on page 80 of this catalogue, (2) arrange for a transcript of his credits to be forwarded by the last school attended, (3) furnish the health certificate as found on pages 78 and 79, and (4) furnish satisfactory test scores on the ACT or the CEEB Test. If he has not taken either of these tests, he must take the ACT Test on the afternoon of the Freshman Orientation day.

Students will facilitate registration by sending their entrance credentials at least two weeks before the opening of the semester. Registration will not be complete without these credentials. All applicants for admission whose transcripts are not on file will be required to report for individual conferences before registration is begun.

For Admission Without Condition. For full admission without condition to academic or commercial courses for credit, graduation from a standard, affiliated high school with at least fifteen units of high school credits, including three units in English, is required. Electives must be chosen from the list approved by State Departments of Education. For students who expect to continue work toward a degree the following prescribed units are recommended:

English — 3 units

Mathematics — 2 units

Social Science — 2 units. (At least one unit in history.)

Language — 2 units, or Science — 2 units.

Not more than four units in Vocational courses are usually acceptable.

Admission by Examination. Students who are not high school graduates may absolve deficiencies in entrance requirements by taking examinations. Other aptitude and placement tests will be given as counseling indicates they are needed or advisable.

Admission by Individual Approval. Any person over twenty-one years of age, or any student who has served in the Armed Forces of the United States, provided he is at least 18 years of age, may, at the discretion of the college, be admitted without examination, to any class below the sophomore level. Satisfactory

completion of college work carried together with tests and other devices will be used for satisfying the 15 units entrance requirements. Students admitted in this manner must satisfy the entrance requirements before graduation.

Admission to Vocational and Non-Credit Courses. Any person who shows a need for these types of courses will be admitted.

Advance Standing. Students presenting a satisfactory transcript of credits and an honorable dismissal from a recognized and approved college will be allowed credits toward graduation for the work satisfactorily completed.

Health Certificate. All students entering Texarkana College for the first time will be required to file a health statement from a recognized physician.

The examining physician should certify that the student is free from communicable disease and that in his judgment the student suffers no condition that would endanger the health of other students and that he is physically fit to carry on regular college work.

X-rays, immunizations, and other laboratory tests should be satisfactory to the examining physician.

Hazing. The student pledges himself neither to encourage nor take part in hazing in the college.

REQUIREMENTS FOR GRADUATION

Sixty semester hours of work, exclusive of Physical Training, are required for graduation. Four semester hours of Physical Education are also required for graduation. Since most college degrees require more than 120 semester hours of work and since senior colleges usually accept 66 semester hours, or one-half the number of hours required for a degree, it is recommended that students complete at least this amount of work in their two years at junior college.

For the Associate Degree the required courses are:

English — 12 hours. Three hours of speech may be substituted for three hours of English.

Texas and Federal Government (Constitutions) — 3 hours.

United States History — 6 hours.

Physical Education — 4 hours.

Additional courses required for:

Associate in Arts—

Mathematics, Foreign Language, Fine Arts, Humanities, and/or Social Sciences. 18 semester hours.

Associate in Science—

Mathematics and Natural Sciences. 18 semester hours.

Associate in Business—

Major in the field of Business with 18 hours in this field.

Substitutions must be approved by the Dean and the faculty.

The remaining hours may be chosen to meet the needs of the student.

Eighteen semester hours must be of sophomore standing. The

student must complete a minimum of fifteen semester hours of residence at the Texarkana College in the second year.

In addition to the quantitative requirement, a student must have a total of 120 grade points on all work presented for graduation.

RULES AND REGULATIONS

Transcripts. The first transcript issued will be free. Each one thereafter will carry a charge of \$1.00.

Change of Classes. A student making a change in his class schedule after completion of his registration will follow this procedure.

1. Obtain proper forms from registrar's office.
2. Secure the signatures of advisor and of the professor in whose class he is enrolling or dropping.
3. Present forms to the Dean for approval.
A fee of \$1.00 is made for each change.

Dropping of Classes. Courses may be dropped without penalty under the following circumstances:

1. Extreme illness, in which case a physician's certificate must be submitted and approved by the Dean.
2. Other circumstances beyond the student's control, approved by the Dean.

In the event of the above conditions the student will receive the grade WP (signifying passing at the time of withdrawal) or the grade WF (signifying failing) as indicated by the instructor. Any withdrawal after the fourth week of a semester shall be recorded WF, unless for reason (1) or (2) as stated above.

A student is allowed one absence for each hour credit the course carries in a semester dating from the time the class began. No laboratory cuts. After four absences on the Monday, Wednesday, Friday schedule or three absences on the Tuesday and Thursday schedule, a student will automatically be dropped from the course. He may, upon written application to the Dean, give satisfactory explanation for his absences and show cause for being allowed to continue the course. To receive credit for a course the class must be met at least 80% of the time. (Late entrance, official trips, sickness and all absences are counted.)

Absences before and after holidays will count as double "cuts." If a student is tardy in arriving for his class three times, he will be counted as absent for one time.

When a student is dropped from a course because of excessive absences, a semester grade of "F" will be recorded for the course.

Assemblies. At the discretion of the Administration special convocations of the student body will be called. Each student will be expected to attend. Programs for these convocations will be arranged by an Assembly Committee, and every effort will be made to present programs of broad interest or of cultural value.

General Academic Regulations. The unit for counting credits is the semester hour. A semester hour is defined as an hour of class work a week or its equivalent in laboratory, pursued for one semester or 18 weeks.

The following grades are used in evaluating the students' work: A, B, C, D, and I. A, B, C, and D are passing grades; F is failure. A failure can only be removed by repeating the course in class. I, indicating incomplete work, or absence from examination by excuse, must be made up by mid-semester of the next semester of the student's residence; otherwise, the incomplete becomes a failure. W indicates withdrawal during the first three weeks. WP is withdrawal from a course and signifies that the student was passing the course at the time of the withdrawal. WF is withdrawal from a course and signifies that the student was failing the course at the time of withdrawal.

The value of each grade in quality points is as follows: A—4; B—3; C—2; D—1; F—0; per semester hour.

The normal load for full time students is five courses (15 to 17 hours) of academic work. Except by special permission of the Dean, students will not be permitted to take more than this normal load. Students holding jobs outside of their college work should not register for a full time academic load. The amount of college work permitted must be approved in relation to the job time requirement by the Dean. Registration for more than nine semester hours on a three day schedule must be approved by the Dean. No student holding full-time employment will be permitted to register for more than nine semester hours. Students registered for day classes will not be permitted to register for night courses without the permission of the Dean.

Reports. Reports on the work of students will be issued at the end of the ninth week and at the end of the semester. It is to be understood that the report at the end of the ninth week covers the instructor's estimate of the student's work for the first nine weeks of the semester. It does not indicate that a student is certain to pass or to fail the course, but does enable the parent and student to judge the quality of work during the first half of the semester. This mid-semester report will enable parents and students to know when students need extra attention in order to pass or make better grades at the end of the semester.

Examinations. The examinations given consist of regular examinations and special examinations. Regular examinations are given at the end of each semester according to a schedule determined by the academic dean. These examinations are taken by all students. There are no exceptions.

Examinations given during the semester are to be scheduled at the discretion of the instructor, preferably on the completion of a unit of work. These should be given frequently enough so that a check on progress may be made and the student given the experience of evaluating the work covered.

Special examinations are those given to students to remove conditions on subjects when the condition was caused by time lost due to illness or some other emergency. In order to be permitted to take a special examination the student must secure the approval of the Dean and the teacher of the course. The request for this permission must be submitted in writing to the Dean within one week after the student returns to class. A fee of \$1.00 is charged for each special examination.

Scholastic Requirements. A student must maintain a satisfactory scholastic standing in order to remain enrolled in Texarkana College. A "C" average (2.0 quality point average) is required for graduation. Full-time students failing to maintain a 1.5 quality point average will be placed on probation. A student taking less than 12 hours must make two grade points for each hour of credit attempted or be placed on academic probation for one semester. One semester is given for removal from probation. The student who shows little progress in his work may be suspended at any time from the college.

Probationary status may be removed by attaining a 1.5 quality point average for the subsequent semester for full-time student, or a quality point average of 2.0 for those carrying less than 12 semester hours.

A student may apply in writing to the faculty academic committee to review his case before he is excluded from the college.

Any student on academic probation shall not be permitted to represent the college in any activity sponsored by the college. Any student who is on scholarship furnished by the college will be removed from the scholarship should he be placed on academic probation.

Conduct. The college expects and requires from every student decorous, sober, and upright conduct as long as he remains a member of the college.

While the administration and discipline committee cannot assume the full responsibility for the students not on the campus, they reserve the right to make such regulations at any time as may seem advisable, and the violation of the regulations on the part of the student may deprive him of the college privileges. Any time the college excludes a student whose conduct is deemed improper or is contributory to impeding the welfare of the college community, the student will not be eligible for re-entrance during the remainder of the semester in which he is excluded and the next semester. Summer school is not counted as a semester. Because Texarkana College students are well-known for their exemplary conduct, there are few stated restrictions. Gambling and use or possession of beverage alcohol are violations of college policy.

VOCATIONAL REHABILITATION

The Texas Education Agency through the Division of Vocational Education and Rehabilitation offers assistance for tuition to

students who have certain physical disabilities, provided the vocational objective selected by the disabled person has been approved by a representative of the division. Application for Vocational Rehabilitation assistance should be made to the nearest rehabilitation office or to the Director of Vocational Rehabilitation, Austin, Texas. Similar assistance is also available from the Arkansas Rehabilitation Department.

VOCATIONAL NURSING PROGRAM

Texarkana College offers a twelve month program in Vocational Nursing which is designed to prepare the mature person for nursing care under the supervision of a registered nurse or physician. The program is approved by the Texas Board of Vocational Nursing and the Arkansas Board of Nurse Examiners. New classes begin in April and October of each year. Upon successful completion of the program a student is awarded a certificate of graduation; the title of L.V.N. is conferred upon the student passing the State Examination for Licensing. Interested students should contact the Director of Vocational Nursing for further information regarding registration in the Vocational Nursing Program.

GENERAL INFORMATION

DIVISIONS OF THE COLLEGE

Texarkana College is organized in eight divisions as follows: Business Administration, Fine Arts, Language Arts, Mathematics, Natural Science and Engineering, Nursing, Physical Education, and Social Science.

Satisfy → Under certain divisions, suggested courses of study are listed. These courses of study are composites taken from the requirements for the freshman and sophomore years of representative colleges and universities. This means that the course of study will not invariably fulfil the requirements of every college and university. This makes it imperative that students planning to transfer to a specific college or university should so inform his counselor so that a program may be outlined that will precisely conform to the college or university to which he plans to transfer.

THE COLLEGE YEAR

The College year is divided into two semesters for the long session and two terms of six weeks each for the summer session.

RESTRICTION ON COURSE OFFERING

Classes are sometimes scheduled which do not attract sufficient enrollment to justify teaching the courses. As a rule, a minimum of ten students will be required in any course for it to be offered. The College reserves the right to cancel any course not meeting this minimum requirement.

COURSE NUMBERING SYSTEM

A three-digit system is used to indicate courses offered in any division, except under Applied Music in the Division of Fine Arts. (The system used in Applied Music is explained under the Division of Fine Arts.) The first digit represents the level of the course: "1" for freshman level and "2" for sophomore level; the second digit represents semester hour value of the course; and the third digit differentiates courses within the division.

ART AND SCIENCES CURRICULUM

Frequently students are undecided as to a major field of study. The following is a suggested curriculum that may be followed for those in this category. These courses may be used to fulfill the requirements for many degrees, or may be used for elective credit.

ARTS AND SCIENCES

FRESHMAN YEAR			
1st Semester	Hours	2nd Semester	Hours
Eng. 131	3	Eng. 132	3
Hist. 231	3	Hist. 232	3
Modern Language	4	Modern Language	4
Math 131	3	Math 132	3
Biol. 141	4	Biol. 142	4
P. E. 111	1	P. E. 112	1
SOPHOMORE YEAR			
1st Semester	Hours	2nd Semester	Hours
Eng. 233	3	Eng. 234	3
Gov. 231	3	Gov. 232	3
Modern Language	3	Modern Language	3
Chem. 141	4	Chem. 142	4
Elective	3	Elective	3

DIVISION OF BUSINESS ADMINISTRATION

Mrs. Jacobs, Chairman, Mr. Calvert, Mr. Hatchett, Mr. Jones,
and Mr. Mills

GENERAL STATEMENT

The terminal programs are designed to help students to qualify for positions in the business world in a short period and at the same time receive as many of the advantages of college training and experience as time will allow. Many of the courses offered in the term-

inal programs are identical to those offered in the program leading to a four-year degree. Most of the courses offered in the terminal programs grant full college credit. This is a distinct advantage in qualifying for positions in government and industry. Also, this fact will make it possible for those who have the opportunity to do so to return to college at some later time and complete the requirements for a college degree.

Students who enroll in any terminal program and expect to graduate from Texarkana College with an associate in business degree must fulfill the graduation requirements as listed on page 30.

One Year Terminal Clerk, Typist, Stenographer, Secretary

1st Semester	Hours	2nd Semester	Hours
Eng. 131	3	B. A. 132 or Shnd. 132 or 133	3
Math 133	3	Typ. 132 or 133	3
Acct. 131	3	B. A. 134	3
B. A. 133	3	D. P. 131	3
Typ. 131, or 132	3	B. A. 231	3
B. A. 131 or Shnd. 131 or 132	3	P. E. 112	1
P. E. 111	1		

Two Year Terminal — Secretarial Science

FRESHMAN YEAR

1st Semester	Hours	2nd Semester	Hours
Eng. 131	3	Eng. 132	3
Math 133	3	Math 134	3
Acct. 131	3	B. A. 132	3
Typ. 131 or 132	3	B. A. 134	3
Shnd. 131 or 132	3	Typ. 132 or 133	3
B. A. 131 or 133	3	Shnd. 132 or 133	3
P. E. 111	1	P. E. 112	1

SOPHOMORE YEAR

1st Semester	Hours	2nd Semester	Hours
Eng. 233	3	Eng. 237	3
Acct. 231	3	Acct. 232	3
Eco. 231	3	Eco. 232	3
Hist. 231	3	Hist. 232	3
Typ. 133 or 134	3	Shnd. 133 or 134	3
Gov. 231	3	Elective	3
P. E. 211	1	P. E. 212	1

DATA PROCESSING TECHNOLOGY

FRESHMAN YEAR

1st Semester	Hours	2nd Semester	Hours
Eng. 131	3	Eng. 132	3
B. A. 131	3	B. A. 132	3
D. P. 131	3	D. P. 132	3
Math 130 or 131	3	Math 133 or 134	3
Acct. 131	3	B. A. 134	3
P. E. 111	1	P. E. 112	1

SOPHOMORE YEAR			
1st Semester	Hours	2nd Semester	Hours
Acct. 231	3	Acct. 232	3
D. P. 231	3	D. P. 232	3
Eco. 231	3	Eco. 232	3
Eng. 233	3	Eng. 237	3
Gov. 231	3	Psych. 234	3
Hist. 231	3	Hist. 232	3
P. E. 211	1	P. E. 212	1

Leading to Four Year Degree Plan

FRESHMAN YEAR			
1st Semester	Hours	2nd Semester	Hours
Eng. 131	3	Eng. 132	3
Math 130 or 131	3	Math 133	3
Science	4	Science	4
Hist. 231	3	Hist. 232	3
B. A. 131	3	B. A. 132	3
P. E. 111	1	P. E. 112	1

SOPHOMORE YEAR			
1st Semester	Hours	2nd Semester	Hours
Acct. 231	3	Acct. 232	3
Eng. 313	3	Eng. 314 or 317	3
Gov. 231	3	Gov. 232	3
Eco. 231	3	Eco. 232	3
Elective	3	Elective	3
P. E. 211	1	P. E. 212	1

GENERAL BUSINESS

131, 132. — Business Principles. An orientation course designed to acquaint the student with the modern business world. The course includes a brief presentation of characteristics of business organization, business records, financial organization risks, personnel, marketing, business association and business and its public. It broadens the student's understanding of the business field and provides background for further study.

133. — Office Practice. A course designed for students who are interested in clerical or secretarial work. Business ethics, grooming for business, proper work habits and attitudes, development of an employable personality, office mail, telephone techniques, receptionist duties, banking and financial duties, securing employment, and systems of filing. Assignments are given under typical office situations as nearly as possible.

134. — Office Machines. Instruction and practice in operating the office machines most often used in business. A working knowledge of calculating, adding, duplicating, and transcribing machines is required. Stencil preparation. Stress is given to developing skill on at least one type of calculator and one type of duplicator.

231. — Principles of Economics. A study of the factors entering into production, distribution, and exchange; how values and prices are determined under competition, monopoly, and partial monopoly.

232. — **Economic Problems.** Special problems dealing with money and banking, labor problems, taxation and public debt, tariffs, and business fluctuations. All principles are tested by application to economic problems current at the time. Prerequisite: Eco. 231.

233. — **Commercial Law.** A terminal course in business law on such subjects as contracts, negotiable instruments, insurance, agency bailments, property and carriers. The case-discussion-lecture method is used in teaching the course. Actual legal cases are used as a basis for all subjects covered. Degree students should ascertain transfer value with college they plan to attend.

234. — **Family Finance.** A study of the financial problems which people ordinarily encounter in managing their family financial affairs. The course includes financial planning, budgeting, various types of insurance coverage, sources and costs of credit, problems and costs of home ownership, savings and investments, and tax problems.

235. — **Public Relations.** Methods and policies used by business organizations to create and maintain public goodwill. Relation of the organization to public agencies, customers, suppliers, employees. Studies of public relations systems in current use.

236. — **Money and Banking.** Nature and functions of money, commercial banking, history of monetary standards and currency in the United States, credit and credit instruments, the money market, the Federal Reserve System, Agricultural Credit Institutions.

ACCOUNTING

131. — **Elementary Accounting — First Course.** An introduction to bookkeeping and accounting in which the principles of double-entry bookkeeping are studied. Emphasis is given to each phase of the accounting cycle as the principles are applied to the single proprietorship type of business organization. The course is designed for students who wish to take a one or two year business course and for those who did not take bookkeeping in high school.

231, 232. — **Principles of Accounting.** This course is designed as a first year accounting course at the college level. The fundamental accounting principles are developed rapidly through their application to the single proprietorship, partnership, and corporate forms of business organizations. Modern concepts of net income determination and accounting valuation are stressed for the matching of revenues and related expired costs and for the financial statement presentation of assets and equities. The course is designed for those who are majoring in areas of Business Administration that require only six hours of accounting.

241, 242. — **Principles of Accounting.** In this course the fundamentals of accounting are developed rapidly in their application to single proprietorship, partnership, corporation, manufacturing, and cost accounting. The course will offer a comprehensive and intensive

study of the procedures involved in net income determination, financial statement presentation of assets and equities, and financial statement analysis and interpretation. The course is designed primarily for those who plan to major in accounting.

233. — **Intermediate Accounting.** Designed to develop a better and more comprehensive knowledge of accounting; accounting records; end-of-period procedures; correction of profits of prior periods; accounting statements; comparative statements; analysis of working capital; miscellaneous ratios; profit and loss analysis; corporation accounting, including organization, capital stock transactions and surplus. Prerequisite, Business Administration Accounting 242.

234. — **Intermediate Accounting.** A comprehensive examination of cash and receivables; inventories; tangible fixed assets; intangible fixed assets; investments; liabilities; reserves; determination of net income; statement of application of funds. Prerequisite, Accounting 233.

133. — **Income Tax Accounting.** A course in Federal Income Taxation which includes a study of the development of this very important phase of our national economy, the laws concerning such taxation, the regulations issued thereunder, and the concept of taxable income as interpreted by the U. S. Department of Internal Revenue.

MANAGEMENT

231. — **Industrial Supervision and Foremanship.** The aim of this course is two-fold: first, to train students in the principles, methods and techniques of industrial supervision; and second, to offer students training in the principles, methods, and techniques for training supervisors and foremen. Students are given actual practice in group discussion methods for solving supervisory problems. Thirty-two phases of the supervisory job are considered, including giving of orders, safety and accident prevention; reducing wastes, discipline, orientation, planning job instruction, improving processes and methods, labor problems.

232. — **Industrial Safety.** A study of accident costs, causes of accidents, fundamentals of accident prevention, and the planning and operating of industrial plants for safety.

233. — **Office Management and Practices.** This course is a survey of the office from the standpoint of: Organization, Practices, Building and Equipment, Personnel and Supervision, and Executive Control of office work.

234, 235. — **Industrial Management, Production, Planning and Control.** A study of the principles of plant layout, materials handling and control, production planning, production methods, and with consideration of present-day issues and new trends in production technique. Time and Motion studies.

236. — **Training and Supervisory Techniques.** Study of the responsibility of the supervisor for leadership in planning and directing the work of employees. Special attention is given to the training of new employees, including improvement of work operations, morale, and the methods and techniques of training that have been used successfully in business and industrial organizations.

237. — **Labor Relations.** Trends in industrial relations; the industrial relations policy; evolution of the management attitude toward labor; trends in labor-management relations; collective bargaining; negotiating a labor contract; administering the labor agreement; labor legislation; labor-management conflict and cooperation; fact-finding and the profit dollar; social, political and economic significance of labor-management relations.

MARKETING

231. — **Retail Selling.** Participation of each student in demonstration sales and analysis of practical selling cases. Study of selling principles. Includes what salespersons should know about customers; development of sales talks.

232. — **Credits and Collections.** Types of credit, credit terms, credit department organization and operation, source of credit information, credit appraisal, collection devices, creditors' legal aids, handling embarrassed and insolvent accounts. Emphasis on practical applications of credit and collection principles.

233. — **Sales Management.** Consideration of the methods and problems of sales department organization and administration. Includes sales research; selection, recruiting and training of personnel; sales territories or areas; pay off sales personnel; quotas; sales promotion; supervision; costs; operating policies.

234. — **Fundamentals of Advertising.** Relationship of advertising to other business functions; economic and social influence of advertising; study of campaigns; appropriations and media; survey of activities of those engaged in advertising work.

235. — **Principles of Marketing.** The survey course of the marketing function and institutions; consumer motivation, population trends and the market, retailing, wholesaling, marketing industrial goods, marketing research, marketing legislation, pricing.

DATA PROCESSING

131. — **Unit Record Systems.** This course offers the principles of operation in the punched card accounting machine system including key punches, sorters, accounting machines and summary punches.

132. — **Accounting Methods.** Instruction is given in the opera-

tion and wiring of accounting machines. A study is made of the applications of electric punch-card machines to accounts payable, accounts receivable, inventory control, payroll and other accounting problems.

231. — **Introductory Digital Computer Programming.** Topics discussed are: memory, number systems, input-output devices, logic, and flow charts. Programming languages used are: machine, symbolic programming systems (SPS), and formula translation (Fortran). The course is designed to meet the introductory needs of students in Business, Engineering, Mathematics, and Science. There is no prerequisite.

SECRETARIAL SCIENCE

131. — **Elementary Typewriting.** Mastery of the keyboard by the touch method; a study of basic machine operation and care of the typewriter; corrective and accuracy drills; development of techniques; and an introduction to letter writing and simple tabulation.

132. — **Intermediate Typewriting.** A course designed to develop both speed and accuracy. Study includes special problems in letter arrangement, tabulated reports, problems in centering, rough drafts, and manuscript writing.

Prerequisite: Typing 131 or one year of typewriting in high school.

133. — **Advanced Typewriting.** An advanced course in typewriting with special emphasis on business correspondence, legal reports, statistical reports, telegrams, business forms, and duplication.

Prerequisite: Typing 132 or two years of typewriting in high school.

131. — **Beginners' Shorthand.** This is an introductory course for students who have not had previous instruction in shorthand. The shorthand alphabet, drills in vocabulary, phrases, and abbreviations. Skill in reading and writing from printed shorthand is developed.

132. — **Intermediate Shorthand.** This course is for students who have had previous instruction in shorthand. Emphasis is placed on dictation and transcription as well as vocabulary building and development of speed. Transcription acceptable for mailing is required.

133. — **Advanced Dictation and Transcription.** Continued speed building with stress placed on rapid and accurate transcription acceptable for mailing. Special attention is given to advanced phrasing and to meeting requirements for civil service examinations.

134. — **Specialized Dictation and Transcription.** Terminology of specialized occupations such as: legal, medical, petroleum, and insurance. Congressional record terms and expert shorthand speed

shortcuts. Continued emphasis on speed building with rapid, accurate, mailable transcripts.

DIVISION OF FINE ARTS

Dr. Cady, Chairman, Mr. Kyer, Mr. Lumpkin, Miss McKenzie, Mr. Owens, and Mr. Payne

ART

131. — **Basic Drawing.** The fundamentals of drawing still life, landscape, and architectural subjects. Rendering in line, light and shade; and the study of aerial and linear perspective as related to form and space. Pencil, charcoal, pen and ink.

132. — **Basic Drawing.** Continuation of Art 131. Advanced problems in the fundamentals of drawing.

133. — **Elementary Design.** The basic principles of design and theory of color. The organization and arrangement of art elements and principles to express the artist's purpose. Pen and ink, tempera and water color.

134. — **Elementary Design.** A continuation of Art 133. Advanced problems in originating and rendering experimental designs using hand reproduction methods. Exploration of three dimensional design potentials.

135. — **Introduction to Art.** (Also listed as Public School Art 135) A survey of the development of art forms through history. A study of the basic principles of art, with special attention to the function of art in contemporary culture.

136. — **Crafts.** (Also listed as Art Education 136) A study of the philosophy of art in elementary education. Work in block printing techniques, weaving, batik, silk screen and modeling. Crayons, watercolor and graphic media. Prerequisite Art 131 or 135 or consent of the instructor.

231. — **Life Drawing.** Prerequisites: Art 131 and 132. Study of gesture, contour and modeling of the human figure with concentration on integrating movement, construction, proportions and mass into a unified whole. Charcoal, pen and ink, and wash.

232. — **Life Drawing.** Continuation of Art 231. Advanced problems in figure drawing with concentration on rendering of character and likeness. Charcoal, pen and ink, and wash.

233. — **Elementary Oil Painting.** A disciplined study of the use of the oil medium. Color mixing, methods of application on canvas and panels using still life and landscape subjects. Prerequisite: Consent of instructor.

234. — **Elementary Oil Painting.** Continuation of Art 233.

Advanced techniques in oil painting. Landscape, figure and character studies.

235. — **Advertising Art.** A study of commercial art practices and techniques. Utilization of letter forms and design to create psychological appeal appropriate to advertising. Comprehensive and finished work for various commercial media.

236. — **Advertising Art.** Continuation of Art 235. Advanced problems in commercial art media. Direct application of finished commercial art forms.

MUSIC

General Information

The Texarkana College Department of Music offers the first two years of a curriculum leading toward a Bachelor of Music degree, a Bachelor of Music Education degree, and a Bachelor of Arts or Bachelor of Science degree with a major in music.

Courses taught are those generally required for the first two years of a senior college, and if successfully completed should offer no difficulty to the student in transferring to a senior college.

Since the study of music in the first two years is largely the accumulation of fundamental musical skills, a suggested course of study is offered which will encourage the development of these skills. Taking these courses out of order or postponing courses until the junior or senior year may seriously jeopardize the student's degree plan and even prolong his term of study.

During the first semester of enrollment in the Department of Music each student is assigned an advisor who will counsel him during his two years of study. This will normally be the faculty member who teaches the student's major applied instrument. This will assure an adherence to the prescribed curriculum and avoid confusion in planning the course of study.

Each student planning to earn a music degree will choose voice or an instrument which he will study each semester during the two years. Those who wish to major in this instrument and who qualify will register for the two hour course of instruction. On the day set aside for counseling, as listed in the college calendar in this catalogue, all prospective music students will assemble in the music building to take a series of aptitude tests to facilitate their counseling prior to registration.

Private instruction in Voice, Piano, Band and Orchestral instruments is offered each semester for students majoring or minor-ing in Applied music. All music majors not using piano as applied music concentration are required to take the piano course for non-majors. In addition, all music majors must participate in a major ensemble each semester that they are enrolled in the music department.

Financial aid is offered each year in piano, vocal, and instrumental music to students with both outstanding talent and financial need. Further information may be secured from the Chairman of the Fine Arts Department.

Suggested Courses of Study Leading to the Bachelor of Music Degree

Voice: Major Piano: Minor

FRESHMAN YEAR

1st Semester	Hours	2nd Semester	Hours
Mu. 131	3	Mu. 132	3
Mu. 111	1	Mu. 112	1
Applied Voice	2	Applied Voice	2
Applied or Class Piano	1	Applied Piano	1
Voice Class	1	Voice Class	1
Diction	1	Ensemble	1
Ensemble	1	Diction	1
Eng. 131	3	Eng. 132	3
Hist. 231	3	Hist. 232	3
P. E. 111	1	P. E. 112	1

SOPHOMORE YEAR

1st Semester	Hours	2nd Semester	Hours
Mu. 231	3	Mu. 232	3
Mu. 211	1	Mu. 212	1
Applied Voice	2	Applied Voice	2
Applied Piano	1	Applied Piano	1
Mu. 233	3	Mu. 234	3
Eng. 233	3	Eng. 234	3
Gov. 231	3	Gov. 234	3
P. E. 211	1	P. E. 212	1

Instrumental: Major Piano: Minor

FRESHMAN YEAR

1st Semester	Hours	2nd Semester	Hours
Mu. 131	3	Mu. 132	3
Mu. 111	1	Mu. 112	1
Applied Major Instrument	2	Applied Major Instrument	2
Applied Minor	1	Applied Minor	1
Concert Band	1	Concert Band	1
Eng. 131	3	Eng. 132	3
Hist. 231	3	Hist. 232	3
P. E. 111	1	P. E. 112	1

SOPHOMORE YEAR

1st Semester	Hours	2nd Semester	Hours
Mu. 231	3	Mu. 232	3
Mu. 211	1	Mu. 212	1
Applied Major Instrument	2	Applied Major Instrument	2
Applied Minor	1	Applied Minor	1
Concert Band	1	Concert Band	1
Mu. 233	3	Mu. 234	3
Eng. 233	3	Eng. 234	3
Gov. 231	3	Gov. 232	3
P. E. 211	1	P. E. 212	1

STATEMENT OF COURSES
GENERAL COURSES

131. — **Elementary Harmony.** An Introduction to the elements of music including study of the staff, clefs, key signatures, notation, meter and rhythm, major and minor chords, application of theory at the keyboard. Part writing of figured bass exercises and melodic harmonizations requiring the principal triads. Three hours lecture. (Three semester hours credit.)

111. — **Elementary Sight Singing and Ear Training.** Singing in the treble and bass clefs, introduction to alto and tenor clefs, major and minor modes, melodies with harmonic backgrounds of the principal chords. Aural study of beats, their division and subdivisions, intervals and melodies having harmonious backgrounds of the principal chords, harmonic progressions of the principal chords. One hour lecture and two hours laboratory. (One semester hour credit.) This course must be taken in conjunction with Mu. 131.

132. — **Elementary Harmony (continued).** Part-writing of figured bass exercises and melody harmonization requiring all diatonic triads, the dominant seventh and supertonic seventh chords and non-harmonic tones. Enlargement of the period in melodic composition. Keyboard study of harmonic progressions and melody harmonizations requiring all diatonic triads, the dominant seventh and supertonic seventh chords. Three hours lecture. Prerequisite: Mu. 131 and Mu. 111. (Three semester hours credit.)

112. — **Elementary Sight Singing and Ear Training (continued).** Singing melodies with harmonic backgrounds of all diatonic triads, the dominant seventh and supertonic seventh chords. Aural study of syncopation, intervals and melodies with any diatonic harmonic background, diatonic harmonic progressions including the dominant seventh and supertonic seventh chords. One hour lecture and two hours laboratory. (One semester hour credit.) This course must be taken in conjunction with Mu. 132. Prerequisite: Mu. 131 and Mu. 111.

231. — **Advanced Harmony.** Part-writing of figured bass exercises and melody harmonizations requiring all diatonic seventh chords and modulation, styles of writing other than chorale. Co-harmonic progressions and melody harmonizations requiring all diatonic seventh chords, modulation to closely related keys. Three hours lecture. Prerequisite: Mu. 132 and Mu. 112. (Three semester hours credit.)

211. — **Advanced Sight Singing and Ear Training.** Singing modulations to closely related keys, modal melodies. Aural study of superimposition, compound intervals, melodic and harmonic modulation, all diatonic seventh chords. One hour lecture and two hours laboratory. (One semester hour credit.) This course must be taken in conjunction with Mu. 231. Prerequisite Mu. 132 and Mu. 112.

232. — **Advanced Harmony** (continued). Part-writing of figured bass exercises and melody harmonizations requiring altered chords, 9th, 11th, and 13th chords, modulation to remote keys. Styles of writing other than the chorale style. Analysis of the larger forms of compositions. Keyboard study of altered chords, 9th, 11th, and 13th chords, modulation to remote keys. Three hours lecture. (Three semester hours credit.) Prerequisite: Mu. 231 and Mu. 211.

212. — **Advanced Sight Singing and Ear Training** (continued). Singing remote modulations and more difficult melodies. Aural study of unusual and mixed meters, remote modulation, altered chords, 9th, 11th, and 13th chords. One hour lecture and two hours laboratory. (One semester hour credit.) This course must be taken in conjunction with Mu. 232. Prerequisite: Mu. 231 and Mu. 211.

137. — **Music Education**. An elementary course in the Fundamentals of Theory as applied and taught in the elementary grades of the public schools. Emphasis is placed on rhythm, scales, intervals, chords, terms, and keys. This course is not open to music majors. Three hours lecture per week.

138. — **Music Education**. Detailed study of the methods and objectives of school and attention to specific problems and selection of materials for each grade. This course is not open to music majors. Three hours lecture per week. Prerequisite Music 137.

233. — **Music Literature**. A Survey for the principal forms and composers of the Renaissance, Baroque, and Classical periods. Presented in three hours lecture and listening period with emphasis on following scores. (Three semester hours credit per semester with a total of six hours for completion of course.)

234. — **Music Literature** (Continued). A survey for the principal forms and composers of music of the Romantic, Impressionistic, and Contemporary periods. Presented in three hours lecture and listening periods with emphasis on following scores. (Three semester hours credit per semester with a total of six hours for completion of course.)

Mu. 111F 111G 111I. — **French, German, Italian Diction**. A study of phonetic sounds of the French, German, or Italian languages to promote the ability to sing in French, German, or Italian. No attempt is made to develop knowledge of grammar or vocabulary. Use of linguaphone records for developing facility in speaking and singing.

235. — **Church Choir Literature and Techniques**. The study of foundations for the prospective church choir organist and conductor of the church choir repertoire, with ensemble and solo materials for choir groups of all ages. The organization and development of a general church music program. Three lecture hours per week.

236. — **Choral Conducting**. Introduction to Choral conducting techniques, rehearsal and performance procedures. A detailed study is made of conducting patterns and rhythms. Three lectures per week.

114. — **Piano Accompanying.** Designed to give the pianist practical experience in accompanying vocalists and instrumentalists in various situations. Special emphasis is placed on sight-playing and transposition, with consideration of technical and stylistic problems encountered in the music. One period weekly. Prerequisite: Adequate technique and sight-playing ability, and approval of instructor.

APPLIED MUSIC

Course Number System for Applied Music.

The four number system for applied music includes a key for each digit of the course number. First number indicates level, or year, for which the course is intended; the second number the hours of credit; the third, the field (see key below); and the fourth, the semester of study, as 1, 2, 3, 4.

Applied Music course Mu. 2234 would be interpreted, therefore as (1) a sophomore course, (2) giving two hours of credit, (3) in wind instruments, (4) and the student is in his fourth semester of study.

KEY — The third number of the course number will be one of the following, and will indicate:

1 Piano	4 Strings	7 College Choir
2 Voice	5 Organ	8 Vocal Ensemble
3 Wind Instruments	6 Concert Choir	9 Concert Band
		0 Stage Band

Class Instruction in Applied Music

The various sections of Music 110 are intended to familiarize each student with the instruments of the Band and Orchestra, and to offer preliminary study in Piano and Voice. More than one section of Mu. 110 can be taken concurrently. Meets two hours per week for 1 hour credit.

Mus. 112	Class Voice
Mus. 111	Class Piano
Mus. 113	Class Brass and Percussion
Mus. 114	Class Strings
Mus. 113	Class Wood Winds

PIANO

1211-1212. — **Freshman Piano (Major).** Czerny, Studies; Hanon, Studies; Cramer, Studies. Bach: Inventions, Preludes, and Suites; Scarlatti: Sonatas; Haydn: Sonatas; Mozart: Sonatas; Beethoven: Sonatas; Chopin: Preludes, Valses, and Nocturnes. Representative works of similar difficulty from Classical, Romantic, and Modern composers. All scales, major and minor, in parallel motion. Broken chords: arpeggios, dominant seventh chords, and diminished chords. One hour lesson per week with minimum of ten hours practice. (Credit: two semester hours.)

2213-2214. — **Sophomore Piano (Major)**. Cramer: Studies; Bach: Three Part Inventions, Preludes and Fugues from Well-Tempered Clavier; Beethoven: Sonatas and Variations; Mozart: Sonatas; Mendelssohn: Rondo Capriccioso; Chopin: Preludes, Scherzi, Ballades; Ravel: Sonatina. Representative works of similar difficulty from other Classical, Romantic, and Modern composers. Continuation of scales and arpeggios. One hour lesson per week with a minimum of twelve hours practice. (Credit: two semester hours.)

Mu. 111. — **Piano Class**. Introduces the student to fundamental keyboard technique. Scale fingering, arpeggios, sight reading, easy solo material, keyboard harmony. (Credit: one semester hour). Two hours per week with six hours outside practice required each week.

1111, 1112, 2113, 2114. — **Freshman and Sophomore Piano (Non-Majors)**. Required of all music majors not using piano as applied music concentration. Also for students who are not in the music division but desiring to study piano as an elective. Major and minor scales; Clementi: Studies; Heller: Studies; Hanon: Studies; Bach: Gavottes, Minuets, and easier Two-Part Inventions; Chopin: Preludes and Mazurkas; Schumann: Scenes from Childhood. One-half hour lesson per week with a minimum of six hours practice. (Credit: One semester hour).

ORGAN

1251, 1252. — Students desiring to study organ should have studied piano previously and should have attained technical proficiency equivalent to Piano 1211. Gleason; Method of Organ Playing; Dupre: Seventy-nine Chorales; Bach: Eight Preludes and Fugues, The Liturgical Year. Representative works of similar difficulty from Classical and Romantic composers. Works from contemporary French and American composers. Hymns and service playing, modulations and transpositions. One hour lesson per week with a minimum of ten hours practice for organ majors and six hours practice for other students. Prerequisite — Piano proficiency or its equivalent as determined by Music Faculty.

2253, 2254. — **Organ**. Continuation of Bach Preludes and Fugues and Bach Chorale Preludes; Mendelssohn: Sonatas; Franck: Cantabile. Church service playing. Pedal scales. Continuation of technical studies. One hour lesson per week with minimum of ten hours practice for organ majors and six hours practice for other students.

VOICE

112. — **Voice Class**. The rudiments of vocal music, breathing, correct use of body muscles for breath control, diction, and the development of tone will be studied. Technical development will include the study of interpretation, tone production, pronunciation, and vocal expression. Two hours per week including lecture and laboratory, and two hours outside practice required each week.

1121, 1122. — **Voice (Non-Major)**. One half hour lesson each week with a minimum of three hours practice each week.*

1221, 1222. — **Voice (Major)**. Two half hour lessons each week with a minimum of six hours practice each week.*

*At the end of the first year the student should know the principles of correct breathing as applied to singing, together with the fundamentals of tone production and diction. The repertoire covered should include the simplest early Italian and English classics. Prerequisite: Voice Class or consent of instructor.

2123, 2124. — **Voice (Non-Major)**. One half hour lesson each week with a minimum of four hours practice each week.*

2223, 2224. — **Voice (Major)**. Two half hour lessons each week with a minimum of eight hours practice each week.*

*At the end of the second year the student should demonstrate a knowledge of one or more of the less exacting arias of opera and oratorio, recitative, and several standard songs from an oratorio, recitative, and several songs from memory. Voice majors must also have acquired a satisfactory knowledge (especially pronunciation) of one foreign language. Prerequisite: Freshman voice or the equivalent.

STRINGS

1141, 1142. — **Strings. (Non-Major)**. One half hour lesson per week with five hours practice.

1241, 1242. — **Strings. (Major)**. One hour lesson per week with ten hours practice.

2143, 2144. — **Strings. (Non-Major)**. One half hour lesson per week with five hours practice.

2243, 2244. — **Strings. (Major)**. One hour lesson per week with ten hours practice.

Freshman Violin. — Scales and Arpeggios. Studies and exercises by Kreutzer, Florillo, Dont, Sevcil, etc. Sonatas and concertos by Corelli, Handel, Nardini, Tartini, de Beroit, Rode and Veracini. Smaller pieces from the standard repertoire.

Sophomore Violin. — Scales and Arpeggios. Studies and exercises selected according to individual needs of the student. Sonatas and concertos selected for technical and musical advancement.

Freshman Cello. — Scales and Arpeggios. Dotzauer book No. 1, appropriate solos.

Sophomore Cello. — Scales and Arpeggios. Studies by Dotzauer, Duport, Klenger, Gluzmacher. Sonatas and concertos selected according to technical advancement.

String Bass. — Scales and Arpeggios. Studies by Simandl. Appropriate solo work.

WINDS

1131, 1132, 2133, 2134. — **Wind Instrument Minor.** Private instruction in the various wind instruments for beginners or non-majors in the instruments. One half our lesson per week for one semester hour credit. Enrollment by approval of instructor.

1241, 1242, 2243, 2244. — **Wind Instrument Major.** Private instruction in the various wind instruments for experienced students and majors. One hour lesson each week or two half hour lessons each week for two semester hours credit. Enrollment by approval of instructor.

Bassoon. Weissenvorn; scales studies, Pare; Revierie, Jancourt; Romanze, Klakhardt; The Carnaval, Hume, Freshman study.

Bassoon. Weissenvorn studies. Studies Hopprasch; Sonatine, Weinberger; Concerto No. 14, Hassler. Sophomore study.

Saxophone. Method for Saxophone by DeVille. Air from Suite in D by Bach-Leeson. Jota by Gurewich. Freshman study.

Saxophone. Continuation of DeVille Saxophone Method. Sonata by Gurewich. The Duchess by Rehl. Sophomore study.

French Horn. Major and minor scales and arpeggios. Transposition. Band and orchestra repertoire. Methods: Alphonse, Kaprasch, Sansone. Solos according to technical advancement. Freshman study.

French Horn. Transposition. Band and orchestral repertoire. Methods: Alphonse Clarke, Pottag-Andraud, Sansonne, Kapprasch. Solos: Mozart Concertos; Mendelsohn, Nocturnes; Sicilienne, Pergolesi. Sophomore study.

Oboe. Complete method for oboe, Barrett; Scales Studies, Pare; Three Romances, Schumann. Freshman study.

Oboe. Method for Oboe, Niemann; 16 daily exercises, Labate, Orchestral studies, reed making, Pastorale, Labate; Sonata No. 1, Naddel. Sophomore study.

Clarinet. Scales and arpeggios from Baermann Langenus Vol. III. Rose Forty studies; Canzonetta, Pierne, Concertino, Tartino-Jacob; Adagio-Tarantella, Cavallini; Fantasy Pieces, Schumann, Erwin Fantasy. Freshman and Sophomore study.

Cornet and Trumpet. Major and minor scales and arpeggios. Transposition. Methods: St. Jacome, Arban, Glantz, Hering, Sachse, Schlossberg. Andante and Allegro. Robartz; Petite Piece Concertante, Malay. Freshman study.

Cornet and Trumpet. Transposition. Band and orchestral repertoire. Methods: St. Jerome, Williams, Sachse, Schlossberg, Pietzch, Clarke, Laurent, Bosquet, Lantz. Sonata V, Corelli-Fitzgerald, Solo de concert, Hue. Sophomore study.

DIVISION OF LANGUAGE ARTS

Mrs. Montgomery, Chairman, Mrs. Barber, Mrs. Carter,
Miss Crouch, Mr. Downs, Mrs. Duck, Mrs. Elgin, and Mr. Willis

ENGLISH

131. — **Composition and Rhetoric.** An intensive study and practice of correct, clear, and effective writing. Attention is given to the varieties of discourse and to vocabulary enrichment. Students are instructed in the use of the library.

132. — **Composition and Reading.** A continuation of 131 with the addition of the reading and analysis of essays based on logic and ideas. The study of literary forms and devices of short stories, poems, drama, and books provides practice in perceptive reading and analytical writing.

133. — **Advanced Composition and Rhetoric.** Various difficult problems in grammar and rhetoric are studied in contexts where they are solved. A positive study is made of the traditional forms of prose discourse. Instruction is given in the use of the library. Admittance on invitation of the English faculty.

231. — **English Literature.** A general survey course of English literature from the beginnings through the eighteenth century. A chronological study of the principal authors, their works, and the movements pertaining to English literature.

232. — **English Literature.** A general survey course and a chronological study of the principal authors of England during the nineteenth and twentieth centuries, their works, and the trends in English literature. The study of an English novel.

233. — **English Literature Masterpieces.** A detailed study of the classics of English literature which have embodied the great ideals of the nation's heritage. Emphasis is placed on the esthetic values of writing through the study of various literary forms.

234. — **American Literature Masterpieces.** A detailed study of the classics of American literature which have embodied the great ideals of the nation's heritage. Emphasis is placed on the esthetic values of writing through the study of various literary forms.

235. — **World Literature.** A study of the masterpieces of Western world literature from Homer through the early Renaissance with emphasis on the common bonds of humanity, the common problems of living, and the inter-relations of literary form and thought. There is no duplication of materials covered in other sophomore courses.

236. — **World Literature.** A study of the masterpieces of Western world literature from Shakespeare to the present time. A library paper is required. Credit will not be allowed for this course and English 231, 232, or 233.

237. — **Composition and Report Writing.** Composition and report writing with emphasis on clear, logical, and objective writing. Practice in scientific and business exposition. Designed especially for engineering and science majors.

136. — **Bible - Survey of the Old Testament.** The development of the religion of Israel traced through the literature of the Old Testament; the major religious concepts and writings in historical settings.

137. — **Bible - Survey of the New Testament.** The meaning and message of the New Testament with a brief introduction to each of the books within it.

134. — **Journalism.** Practice in newsgathering and writing for newspapers. Instruction in interviewing, news reporting, news story structure, and news style. Laboratory work on the college newspaper.

135. — **Journalism.** Continued practice in newsgathering and writing for newspapers. Instruction in news story types, news editing, taboos of the trade, and ethics in news treatment. Laboratory work on the college newspaper.

SPEECH

131. — **Fundamentals of Speech.** A study of effective communication. Attention to both listening and speaking. Lecture and laboratory practice in group discussion, parliamentary procedure, and various types of speeches with emphasis on poise, spontaneity, sincerity, and self-confidence.

132. — **Public Speaking.** A study of various types of speeches, selection and organization of materials with emphasis on the art of persuasion. Advanced laboratory work in group discussion and speaking. Prerequisite: 131 Fundamentals of Speech.

133. — **Business and Professional Speech.** Fundamentals of oral communication; study of special types and techniques of speeches most common to business and professional people; practice in business situations; oral reports; sales talks. Panel and committee discussions, and occasional speeches. Credit will not be allowed in both Speech 132 and 133.

DRAMATICS

131. — **Introduction to the Theatre.** A beginners course in drama. The theatre and its place in society. The playwright and his art. The actor and his art. Theatres throughout the world. Laboratory work in oral interpretation, stage movement, pantomime, basic acting technique. Practical experience working with one-act plays and major productions.

132. — **Play Production.** A beginner's course in the arts and crafts of the theatre. Acting, costuming, scene design and construction, lighting, makeup, and directing. Laboratory work in vocal and physical expression, characterization, pantomime, rehearsal, and directing. Practical experience working with classroom scenes, one-act plays, and major productions.

231. — **Children's Theatre Workshop.** Play production for the child audience. A course designed to fill the needs of teachers and future teachers who will have occasion to produce plays for audiences under college age. Play selection, planning, casting, designing, costuming, acting, and directing. A major production of a children's play will be a project of the class. Non-credit.

FRENCH

141. — **Elementary French.** Three lectures and two laboratory practice hours a week for one semester. A course in the fundamentals of pronunciation, grammar, conversation, and sight reading.

142. — **Intermediate French.** Prerequisite: French 141 or two units of high school French or an appropriate score on placement test. Reading of simple texts. Three lectures and two practice hours a week for one semester.

231. — **Composition and Reading.** Prerequisite: French 142. Three lectures a week for one semester. Translation of magazines and newspapers in order to increase vocabulary and command of idiom. Oral reports. Emphasis on fluent reading and accuracy in oral and written expression.

232. — **Composition and Reading.** Prerequisite: French 231. Three lectures a week for one semester. Increased work in French literature and written expression.

GERMAN

141. — **Elementary German.** Three lectures and two laboratory practice hours a week for one semester. A course in the fundamentals of pronunciation, grammar, conversation, and sight reading.

142. — **Intermediate German.** Prerequisite: German 141, two units of high school German, or an appropriate score on placement test. Three lectures and two laboratory practice hours a week for one semester.

SPANISH

141. — **Elementary Spanish.** Instruction three hours a week in the classroom, two hours a week in the language laboratory. Emphasis in listening comprehension, pronunciation, grammar, and conversation.

142. — **Intermediate Spanish.** Prerequisite: Spanish 141, two units of high-school Spanish, or an appropriate score on placement test. Continuation of Spanish 141 with instruction three hours a week in the classroom and two hours a week in the language laboratory.

231. — **Composition and Reading.** Prerequisite: Spanish 142. Three lectures a week for one semester.

232. — **Composition and Reading.** Prerequisite: Spanish 231. Three lectures a week for one semester.

130. — **Practical Spanish.** A course designed for those who have little or no knowledge of Spanish and who wish to become acquainted with the practical side of the language rather than the grammar. Emphasis on pronunciation, conversation, practical easy reading, and vocabulary building.

131. — **Practical Spanish.** A continuation of Spanish 130.

DIVISION OF MATHEMATICS

Mr. Fowler, Chairman, Mrs. Fomby, and Mrs. McFerran

111. — **Slide Rule.** The use of the slide rule and problems related to scales. Recommended for mathematics or science majors.

130. — **Intermediate Algebra.** Sets, logic, fundamental processes, equations and their solution, functions, graphs, systems of equations, quadratic equations, ratio, proportion, variation, and progressions, exponents and radicals. Designed for those students who have had only year of high school algebra.

131. — **College Algebra.** Introduction to sets, logic, permutations, combinations, probability, inequalities, partial fractions, complex numbers, determinants, functions, polynomials, and mathematical induction. Two units in high school algebra and satisfactory scores on placement tests prerequisite.

132. — **Plane Trigonometry.** Sets, ordered relations, number intervals, trigonometric functions, radian measure, variations and graphs of the functions, solution of right triangle and applications, trigonometric identities, equations and inverse functions, general triangle and complex numbers.

133. — **Business Mathematics.** This course covers the simpler exercises and everyday business calculation: drill in fundamentals, short methods, fractions, percentage, proportion, interest and discount, stocks and bonds, depreciation, taxes, and insurance are included.

134. — **Mathematics of Finance.** Review of the fundamental operations, application of equations, functions and graphs, ratio, proportion and variations, simple interest, discounts, partial payments, logarithms, statistics, compounding interest, annuities, amortization and sinking funds, calculation of bonds and depreciation.

135.—Basic Mathematics. Recommended for elementary education majors. Modern concepts of arithmetic and its relation to algebra and geometry. New and old symbols, bases other than ten, basic principles of addition and multiplication, the real numbers and the real line, sets and variables, measurement, modular arithmetic. No prerequisite.

136. — Analytic Geometry. Prerequisite: Mathematics 130 or 131 and 132. Co-ordinates and loci, the straight line, transformation of co-ordinates, the circle, tangents, equations of loci, parametric equations, polar co-ordinates, properties of the conic sections, transcendental curves.

231. — Calculus. Variables, functions, and limits. Derivatives and differentials for polynomials and applications. Differentiation and integration of algebraic functions. Mathematics 136 as a prerequisite or in parallel.

232. — Calculus. Differentiation and integration involving transcendental functions together with applications. Improper integrals, approximate integration, indeterminate forms, mean value theorems.

233. — Calculus. Centroids, moments of inertia, pressure, work, partial derivatives, Taylor's series, multiple integrals, hyperbolic functions, ordinary differentials equations.

234. — Differential Equations. Prerequisite: Math 233. Equations of the first order; singular solutions; linear equations with constant coefficients; miscellaneous methods of solving equations of higher order than the first, with geometric and physical applications.

DIVISION OF NATURAL SCIENCE AND ENGINEERING

Mr. McFerran, Chairman, Mr. Bennett, Mr. Carlisle, Mr. Keathley, Mr. Knight, Mr. McGee, Mr. Pyle, Mr. Richardson, and Mr. White

SUGGESTED COURSES OF STUDY DEPARTMENT OF AGRICULTURE

ANIMAL HUSBANDRY

FRESHMAN YEAR			
1st Semester	Hours	2nd Semester	Hours
Chem. 141	4	Chem. 142	4
Biol. 143	4	Agri. 133	3
Agri. 134	3	Math. 130 or 131	3
Eng. 131	3	Biol. 144	4
Eco. 131	3	Eng. 132	3
P. E. 111	1	P. E. 112	1
SOPHOMORE YEAR			
1st Semester	Hours	2nd Semester	Hours
Chem. 512	5	Chem. 241	4
Hist. 231	3	Eng. 237	3
Agri. 234	3	Hist. 232	3
Eng. 233	3	Phys. 241	3
Gov. 231	3	Agri. 132	3
P. E. 211	1	P. E. 212	1

FORESTRY

FRESHMAN YEAR

1st Semester	Hours	2nd Semester	Hours
Biol. 143	4	Chem. 142	4
Chem. 801a	4	Eng. 132	3
Engr.	131	Math. 132	3
Math. 301	3	Geog. 131	3
Eng. 131	3	Biol. 144	4
P. E. 111	1	P. E. 112	1

SOPHOMORE YEAR

1st Semester	Hours	2nd Semester	Hours
Engr. 241	4	Eng. 237	3
Eco. 131	3	Gov. 232	3
Acct. 231	3	Spe. 131	3
Gov. 231	3	Engr. 138	3
Phys. 241	3	Phys. 242	4
P. E. 211	1	P. E. 212	1

PRE-VETERINARY MEDICINE

FRESHMAN YEAR

1st Semester	Hours	2nd Semester	Hours
Agri. 134	3	Biol. 143	4
Chem. 141	4	Chem. 142	4
Eng. 131	3	Eng. 132	4
Math. 131	3	Math. 132	3
Biol. 143	4	Elective	3
P. E. 111	1	P. E. 112	1

SOPHOMORE YEAR

1st Semester	Hours	2nd Semester	Hours
Chem. 241	4	Chem. 242	4
Eng. 233	3	Eng. 237	3
Agri. 234	3	Agri. 132	3
Hist. 231	3	Hist. 232	3
Phys. 241	4	Phys. 242	4
P. E. 211	1	P. E. 212	1

GENERAL AGRICULTURE

FRESHMAN YEAR

1st Semester	Hours	2nd Semester	Hours
Chem. 141	4	Chem. 142	4
Biol. 143	3	Biol. 144	4
Agri. 134	3	Agri. 132	3
Eng. 131	3	Eng. 132	3
Eco. 131	3	Agri. 133	3
P. E. 111	1	P. E. 112	1

SOPHOMORE YEAR

1st Semester	Hours	2nd Semester	Hours
Eng. 233	3	Eng. 237	3
Gov. 231	3	Gov. 232	3
Agri. 231	3	Agri. 233	3
Agri. 234	3	Agri. 235	3
Math. 130 or 131	3	Hist. 232	3
Hist. 231	3	Spe. 131	3
P. E. 211	1	P. E. 212	1

PRE-DENTISTRY

FRESHMAN YEAR		Hours	
1st Semester	Hours	2nd Semester	
Chem. 141	4	Chem. 142	4
Biol. 141	4	Biol. 142	4
Math. 131	3	Math. 132	3
Eng. 131	3	Eng. 132	3
Hist. 231	3	Hist. 232	3
P. E. 111	1	P. E. 112	3

SOPHOMORE YEAR

SOPHOMORE YEAR		Hours	
1st Semester	Hours	2nd Semester	
Phys. 141	4	Phys. 142	4
Chem. 241	4	Chem. 242	4
Biol. 241	4	Psych. 231	3
Eng. 233	3	Eng. 234	3
Gov. 231	3	Gov. 232	3
P. E. 211	1	P. E. 212	1

PRE-MEDICAL

FRESHMAN YEAR

FRESHMAN YEAR		Hours	
1st Semester	Hours	2nd Semester	
Chem. 141	4	Chem. 142	4
Biol. 141	4	Biol. 142	4
Math. 131	3	Math. 132	3
Fr. 141		Fr. 142	
or		or	
Ger. 141	4	Ger. 142	4
Eng. 131	3	Eng. 132	3
P. E. 111	1	P. E. 112	1

SOPHOMORE YEAR

SOPHOMORE YEAR		Hours	
1st Semester	Hours	2nd Semester	
Chem. 241	4	Chem. 242	4
Phys. 141	4	Phys. 142	4
Fr. 231		Fr. 232	
or		or	
Ger. 231	3	Ger. 232	3
Eng. 233	3	Eng. 234	3
Hist. 231	3	Hist. 231	3
P. E. 211	1	P. E. 212	1

MEDICAL TECHNOLOGY

After completion of ninety semester hours of required premedical technology work at the Texarkana College, a student may complete the work for a Medical Technologist at one of the schools of medical technology in Texarkana. A statement regarding these schools is given below for information.

St. Michael School of Medical Technology. Work at the Texarkana College is fully approved by the St. Michael School of Medical Technology for the three years of pre-medical technology training. The St. Michael School of Medical Technology is approved by the Registry of the Board of Schools of Medical Technology.

After completing the three years of work at the Texarkana College, students may complete the work for a Medical Technolo-

gist in the St. Michael School of Medical Technology. This is not a degree program.

Those desiring the degree program may complete their first two years of work at the Texarkana College and transfer to Southern State College, Magnolia, Arkansas, for the third year of work. Upon completion of the fourth year of work at St. Michael's School of Medical Technology, Southern State College will award the Bachelor of Science Degree.

Wadley Hospital School of Medical Technology. Work at the Texarkana College is fully approved for the three years of pre-medical technology training by the Wadley Hospital School of Medical Technology. The fourth year is spent in the Wadley Hospital School of Medical Technology. Wadley Hospital is a hospital of 185 beds and its school is approved by the Registry of the Board of Schools of Medical Technology and the American Medical Association.

The Department of Pathology is directed by Dr. L. L. Duncan. Application for admission to the Wadley Hospital School of Medical Technology should be made during the second or third year of the college course.

This is not a degree program. Those desiring the degree program may complete their first two years of work at the Texarkana College and transfer to East Texas State College, Commerce, Texas, for the third year's work. Upon completion of the fourth year of work at Wadley Hospital School of Medical Technology, East Texas State College will award the Bachelor of Science Degree.

MEDICAL TECHNOLOGY

FRESHMAN YEAR

1st Semester	Hours	2nd Semester	Hours
Chem. 141	4	Chem. 142	4
Biol. 144	4	Biol. 145	4
Math. 130 or 131	3	Math. 132	3
Hist. 231	3	Hist. 232	3
Eng. 131	3	Eng. 132	3
P. E. 111	1	P. E. 112	1

SUMMER SESSION

1st Six Weeks	Hours	2nd Six Weeks	Hours
Chem. 251	5	Chem. 242	4

SOPHOMORE YEAR

1st Semester	Hours	2nd Semester	Hours
Chem. 251	5	Gov. 231	3
Phys. 141	4	Phys. 142	4
Biol. 242	4	Biol. 241	4
Eng. 233	3	Eng. 234	3
Recommended electives to complete 90 hours.			
Spe. 131	3	Typ. 131	3
Soc. 131	3	Fr. 141, 142	8
Psych. 231	3	Ger. 141, 142	8
Gov. 232	3	Span. 141, 142	8
P. E. 211	1	P. E. 212	1

251. — **Quantitative Analysis.** The theory and practice of fundamental quantitative analytical procedures. Gravimetric and volumetric methods are employed. Special emphasis on the development of laboratory techniques. Three lectures and six hours of laboratory. Chemistry 142 with a "C" average prerequisite.

ENGINEERING

Engr. 111. — Engineering Orientation. Introduction to the profession of engineering. Slide rule, and its use in problem solution, vectors and vector algebra, logical thinking, neatness and form in solution of problems stressed.

Engr. 112. — Engineering Orientation. Introductory analysis, statics, and dynamics problem and their solutions. Prerequisite: Engr. 111.

131. — Engineering Drawing. Technical drawing, including free-hand lettering, theory of orthographic projections, auxiliary views, sections revolutions, intersections and development of surfaces. Axonometric projection, working drawings, tracings and duplication. Nine hours lecture, supervised study, and individual instructions.

132. — Descriptive Geometry. Principal views, auxiliary and oblique views, visualization of plan, intersections, and warp surfaces. Nine hours lecture, supervised study, and individual instruction. Prerequisite Engineering Drawing 131.

133. — Architectural Drawing. Standard architectural details, conventional representation and practice, detail and assembly drawing. The course includes the planning and execution of simple and practical architectural projects. Topographical drawing, tracing, and free-hand lettering constitute a part of this course. Prerequisite Drawing 131.

134. — Architectural Drawing. A continuation of Engineering Drawing 133; Architectural details in various types of construction; working drawings and techniques of presentation.

135. — Machine Drawing. Application of the graphic language to engineering purposes; engineering sketches; machine fastenings; conventional practice; machine details and working drawings. Prerequisite: Engineering Drawing 131.

136. — Machine Drawing. A continuation of Machine Drawing 135. Application of the graphic language to engineering purposes in areas of machine design and details. Student must meet requirements of extreme accuracy and detail in his drawings of complicated machine processes, and usage of technical charts is emphasized. Drawings will be in third angle projection as well as in axonometric projections. Prerequisite Engr. 135.

137. — Sheet Metal Layout. A review of geometric construction, followed by the three divisions of sheet metal pattern layout,

namely: parallel line, radial line, and triangulation. Prerequisite: Engineering Drawing 131.

138. — **Maps, Charts and Graphs.** Map drafting, emphasis lettering, symbols, scales, lease maps, township maps, highway maps and pipe line maps; charts and graphs.

139. — **Industrial Freehand Sketching.** Basic techniques of free-hand drawing in line and tone; delineation of form, texture, materials, sketching, and industrial application of free-hand drawing.

231. — **Engineering Mechanics I. (Statics).** Fundamental principles of statics: force systems, equilibrium, structures, distributed forces, friction, virtual work, moments of inertia of area, and moments of inertia of mass. Prerequisite: Math. 231, and corequisite: Math 232.

232. — **Engineering Mechanics II (Dynamics).** Principles of dynamics: kinematics, principles of kinetics, Newton's Laws of Motion, work and energy, impulse and momentum, and periodic motion. Corequisite: Math. 233 or Math. 234.

241. — **Surveying. Elementary Surveying.** The fundamentals of the use of surveyor's tape, level, transit, and plane table. Calculation of land area and traverses. Application in field problems. 3 lectures, 3 hours field practice.

PHYSICS

Phys. 141. — **General Physics.** Designed primarily for students who will need additional work in science such as pre-medical, pharmacy, geology, and architecture, who do not expect to do additional work in engineering or physics. Elementary vector algebra, mechanics, heat, and thermodynamics. Three hours lecture and three hours laboratory each week. Prerequisite: mathematics 131, Math 111 or satisfactory knowledge of the slide rule recommended.

Phys. 142. — **General Physics.** Sound, electricity and magnetism, light, and modern physics. Three hours lecture and three hours laboratory each week. Prerequisite: Physics 141.

251. — **Engineering Physics.** A comprehensive course for students of engineering and the physical sciences, providing the background for engineering courses as well as for advanced courses in physics. Cultivation of the capacity to utilize the fundamental concept in the solution of problems is emphasized. Elements of mechanics (vector and analytical approach used), heat, sound, and acoustics. Prerequisite or parallel Mathematics 231.

252. — **Engineering Physics. Second Semester.** Topics covered are electricity and magnetism, light, and atomic and nuclear physics (quantum mechanics stressed). Prerequisites Physics 251, and or parallel Mathematics 232.

PHYSICAL SCIENCE

141. — **Physical Science.** A survey of the principles of physics and chemistry. The material for the two subjects is integrated where possible. Three hours lecture, three hours laboratory.

142. — **Physical Science.** A survey of geology, meteorology, cosmogony, and astronomy. Three hours lecture, three hours laboratory.

DATA PROCESSING

231. — **Introductory Digital Computer Programming.** Topics discussed are: memory, number systems, input-output devices, logic, and flow charts. Programming languages used are: machine, symbolic programming systems (SPS), and formula translation (Fortran). The course is designed to meet the introductory needs of students in Business, Engineering, Mathematics, and Science. There is no prerequisite.

232. — **Electronic Data Processing for Science.** Designed to teach elementary numerical analysis and problem solution using the digital computer to students from Engineering, Mathematics, and Science. Topics discussed are: Fortran II, Memory files, Monitor Programs, Input-Output devices, and selected methods for solving problems. Prerequisites: Math. 231, DP 231. Corequisite Math 232, DP 231.

DIVISION OF NURSING

Mrs. Keith, Chairman, Mrs. Bransford, Mrs. Hand, Mrs. Livingston, and Mrs. Willis

THE WILLIAM BUCHANAN DEPARTMENT OF NURSING

The Department of Nursing was established in 1959 to prepare students to become practitioners in the field of professional nursing.

The Associate Degree Program in Nursing provides a general education together with nursing education on a college level. Students receive classroom instruction and co-ordinated clinical experience in the nursing care of patients at local hospitals and community agencies under supervision and guidance of the college faculty.

Upon completion of the two-year course the student receives the Associate in Science Degree from Texarkana College and is eligible to write the examination in Texas to become a registered nurse. After registration in Texas endorsement may be secured in other states. The Department of Nursing is accredited by the Board of Nurse Examiners for the State of Texas.

Applicants for the department of nursing follow the college admission procedure. In addition, the applicant takes pre-entrance tests and submits an application to the department of nursing. Admission to the department will depend upon performance of the pre-entrance tests.

WILLIAM BUCHANAN DEPARTMENT OF NURSING

FRESHMAN YEAR

1st Summer Session		Hours	2nd Summer Session		Hours
Eng. 131		3	Psych. 231		3
Sc. 141		4	Biol. 145		4
Fall Semester		Hours	Spring Semester		Hours
Nurs. 151		5	Nurs. 241		4
Nurs. 142		4	Psych. 233		3
Biol. 242		4	Nurs. 261		6
Soc. 131		3	Eng. 132		3

SOPHOMORE YEAR

1st Summer Session		Hours	2nd Summer Session		Hours
Hist. 231		3	Hist. 232		3
Nurs. 153		2½	Nurs. 153		2½
Fall Semester		Hours	Spring Semester		Hours
Gov. 231		3	Nurs. 253		5
Nurs. 254		5	Nurs. 265		6
Nurs. 262		6			
Nurs. 221		2			

NURSING

151. — **Fundamentals of Patient Care and Introduction to Medical-Surgical Nursing.** Designed as a foundation course in nursing to develop the concept of appropriate nursing care for the individual person through the application of scientific principles. Introduces the student to the care of the patient in the hospital. Principles of ethics for nurses are emphasized. Basic principles of nutrition are correlated with emphasis given to food as a source of nutrients in the maintenance of health. Principles of pharmacology with particular application to source, physiological action, effects, administration of drugs, and dosage including knowledge and use of the metric system, standardization, and legal control of drugs. Prerequisite: Biology 145, Lecture 3 hours, laboratory 8 hours.

142. — **Community Health.** 4 semester hours. This course includes lecture and laboratory activities related to health facilities and health personnel within the community. It provides for acquisition of knowledge concerning community health agencies that contribute to total nursing care of patients including preventive measures that promote positive health. Lecture 2 hours, laboratory 6 hours.

153. — **Maternity Nursing.** Designed to include knowledge and skills essential for giving nursing care to women throughout the maternity cycle. Pharmacology, nutrition, mental health, and family and community aspects are correlated with the subject content. Laboratory practice is obtained in local hospitals and other community agencies. Lecture 3 hours, laboratory 16 hours for 8 weeks.

261. — **Medical-Surgical Nursing I.** This course offered in the freshman year is planned to introduce a common nucleus of subject content that is applicable to medical and surgical nursing. Pharma-

cology, diet therapy, and community aspects are inter-related. Selected patient assignments in the clinical area are provided. Lecture 3 hours, laboratory 9 hours.

241. — **Medical-Surgical Nursing II.** — Designed to provide principles of care for the patient whose treatment includes surgical intervention. Basic aseptic techniques for patient care are introduced. Learning experiences include complete cycle of patient care, namely caring for the same patients through the pre-operative, operative, and post-operative period encompassing the concept of progressive patient care. Lecture 2 hours, laboratory 16 hours for 8 weeks.

262. — **Medical-Surgical Nursing III.** Designed to assist the students to acquire knowledge and skills to enable them to identify nursing needs and give comprehensive care to patients with medical and surgical conditions. Principles of nursing care as they relate to manifestations of disease, diagnostic and therapeutic procedures, preventive measures, and principles of rehabilitation. Learning experiences include complete cycle of patient care, namely caring for the same patients through the pre-operative, operative, and post-operative period. Pharmacology, diet therapy, and community aspects are correlated subject matter. Lecture 3 hours, laboratory 16 hours for 10 weeks.

254. — **Nursing of Children.** Designed to provide principles of care for the ill child. This is based upon an understanding of child growth and development. Selected patient assignments in the hospital and other community agencies provide clinical experiences. Lecture 3 hours, laboratory 16 hours for 8 weeks.

253. — **Psychiatric Nursing.** Directed toward guiding the student in acquiring understanding of the basic development, the psychodynamics, and the principles of human behavior as exhibited by the psychiatric patient. Content includes the management, treatment, rehabilitation, and nursing care of these patients. A two-week extended campus experience is obtained at Arkansas State Hospital, Little Rock, Arkansas, in clinical laboratory. Lecture 3 hours, laboratory 16 hours for 8 weeks.

221. — **History and Trends of Professional Nursing.** Survey of nursing, with particular reference to contemporary movements. Includes the development in various fields of nursing, in international nursing, in professional organizations, and in nursing literature. Lecture 2 hours.

264. — **Medical-Surgical Nursing IV.** Provides opportunities for independent student inquiry centered around instructor or student-selected patients with problems which stimulate critical thinking and demand the use of more complex skills in problem solving. Designed to develop a concept of responsibilities and duties associated with future hospital employment. Lecture 6 hours, laboratory 26 hours for 9 weeks.

DIVISION OF PHYSICAL EDUCATION

Mr. Fox, Chairman, Mr. Collins, and Miss Nelson

111-112. — **Physical Education for men and women.** Required for all freshmen men and women students. Exercises, games, and athletics that contribute to the well-being of the individual. The following activities may be selected by the student:

Men—touch football, basketball, volleyball, weight lifting, archery, tennis, golf, and bowling.

Women—basketball, volleyball, tennis, archery, golf, and bowling

Intramurals for both men and women will be emphasized through competitions between sections. Two hours per week. One semester hour credit each semester.

211-212. — **Physical Education for Men and Women.** Activities same as in P. E. 111-112. Sophomore standing; two hours per week. Required of all sophomores. One semester hour credit each semester.

113. — **First Aid.** The American Red Cross Standard First Aid Course. Meets requirements for Red Cross Certificate. Required of students who by doctor's certification cannot enroll in P. E. 111. May be elected by any student, but may not be used in lieu of activity courses for those physically able. One semester hour credit.

114. — **First Aid.** The American Red Cross Advanced Course. Requirements and restrictions are same as in P. E. 113. One semester hour of credit.

131. — **Physical Education. Orientation and Introduction.** Designed as a professional orientation in physical education and health education, safety and recreation. Brief history, philosophy and modern trends of physical education, teacher qualifications, vocational opportunities, expected competencies and skill testing comprise the contents of the course.

132. — **Health and Safety Education.** A study of personal and community health and safety. Emphasis placed on causative factors of various diseases and accidents with a study of preventive measures. Special emphasis on the school child.

DIVISION OF SOCIAL SCIENCE

Mr. Spencer, Chairman, Mrs. Berry, Mrs. Bollinger, Mr. Rison,
Mr. Williams, and Mr. Wood

PRE-LAW

FRESHMAN YEAR

1st Semester	Hours	2nd Semester	Hours
Eng. 131	3	Eng. 132	3
Hist. 231	3	Hist. 232	3
Math. 131	3	Math. 132 or 134	3
Science	4	Science	4
Spe. 131	3	Spe. 132	3
P. E. 111	1	P. E. 112	1

Modern language strongly recommended.

SOPHOMORE YEAR

1st Semester	Hours	2nd Semester	Hours
Sophomore Literature	3	Sophomore Literature	3
Hist. 131	3	Hist. 132	3
Gov. 231	3	Gov. 232	3
Eco. 231	3	Eco. 232	3
Soc. 131	3	Psych. 231	3
Acct. 231	3	Acct. 232	3
P. E. 211	1	P. E. 212	1

ELEMENTARY EDUCATION

1st Semester	Hours	2nd Semester	Hours
Eng. 131	3	Eng. 132	3
Ed. 131	3	Ed. 132	3
Sc. 141 or Biol. 141	4	Sc. 142 or Biol. 142	4
Ed. 137	3	Ed. 138	3
Geog. 131	3	Math. 135	3
P. E. 111	1	P. E. 112	1

SOPHOMORE YEAR

1st Semester	Hours	2nd Semester	Hours
Eng. 233	3	Eng. 234	3
Hist. 231	3	Hist. 232	3
Gov. 231	3	Gov. 232	3
Ed. 135	3	Ed. 136	3
Science	4	Science	4
P. E. 211	1	P. E. 212	1

SECONDARY EDUCATION

FRESHMAN YEAR

1st Semester	Hours	2nd Semester	Hours
Eng. 131	3	Eng. 132	3
Science	4	Science	4
Hist. 231	3	Hist. 232	3
Modern Language	4	Modern Language	4
Ed. 131	3	Ed. 132	3
P. E. 111	1	P. E. 112	1

SOPHOMORE YEAR

1st Semester	Hours	2nd Semester	Hours
Eng. 233	3	Eng. 234	3
Gov. 231	3	Gov. 231	3
Psych. 231	3	Soc. 131	3
Science	4	Science	4
Elective	3	Elective	3
P. E. 211	1	P. E. 212	1

HISTORY

131, 132. — **Survey of Western Civilization.** Historical survey of the origin and development of institutional cultural life from earliest times to the present. Movement of universal significance and the continuity of human history are emphasized. The course is designed primarily to stimulate the student's ability to understand modern problems.

231, 232. — **History of the United States.** Review of political, economic, and social trends. First semester: History of the United States to the end of the Civil War. Second semester: Reconstruction to the present.

GOVERNMENT

231. — **American Government.** Basic ideas of government, federal, state and interstate relations; individual rights; and political parties. Political structures of the national, state, and local governments as outlined in the Federal and Texas Constitutions. This course satisfies the statutory requirements for teacher certification. Open to students of sophomore standing.

232. — **American Government.** Legislative, executive, and judicial functions in federal, state, and local governments. Survey and appraisal of such problems as civil service, taxation, fiscal policy, foreign relations, national defense, business and labor problems, welfare and social security, agriculture and conservation. Open to students of sophomore standing.

233. — **Comparative Governments.** A study of the governments of Great Britain, France, Russia, and other foreign countries with some comparisons with the government of the United States. A practical up-to-date application of the workings of these governments will be made.

GEOGRAPHY

131. — **Principles of Geography.** The study of human society in relation to the physical conditions and the natural resources of the earth. This course should make clear such factors of natural environment as location, climate, relief and forests with emphasis on human response to these factors.

132. — **Economic Geography.** How and where man makes his living in the various regions of the world; problems on production utilization, and distribution of goods; special emphasis on intelligent uses of human and natural resources.

SOCIOLOGY

131. — **Principles of Sociology.** A general introduction into the behavior of individuals in social groups, particularly a study of important phases of life as culture, population, institutions, social control, and the major social processes. Analysis of the simpler relations of daily living as illustrative material. Reading, reports, and quizzes.

231. — **Social Problems.** Survey of some of the major difficulties to which American society is seeking adjustment. A detailed analysis of courses, social significance, and constructive programs pertinent to difficulties. One problem to be selected for intensive study. Prerequisite: Soc. 131 or sophomore standing.

232. — **Marriage and the Family.** Study of the marriage relationship; events and attitudes leading to it; problems and experiences arising from it; development of a philosophy regarding marriage and family life. Prerequisite: Sophomore standing or permission of the instructor.

221. — **Introduction to Contemporary European Culture.** The course is designed to introduce the student to various centers of western European culture. Under the guidance of a faculty member, a tour is made of the major European centers. A selective bibliography to acquaint the student with the required background material is provided. Requirements: A paper, under the guidance of an instructor, dealing with a significant aspect of western European culture and an examination.

EDUCATION

131. — **Introduction to Education.** Brief survey of the field of Education. The teacher and the profession, the American school system, including the background, development, administrative organization, and supervision.

132. — **Introduction to Educational Psychology.** A brief summary of the psychological principles underlying the learning and teaching processes.

135, 136. — **Public School Art.** The teaching of public school art in the elementary grades. Training in writing and drawing as requested by the State Department of Education; construction work; elementary free-hand and mechanical perspective; elementary design and color; lettering and poster work; art appreciation in elementary grades.

137. — **Public School Music.** The same as Mu. Ed. 137.

138. — **Music Teaching in the Elementary Grades.** Same as Mu. Ed. 138.

110. — **Handwriting Methods.** This is a laboratory course in both cursive and manuscript writing designed particularly for students who want to learn how to write correctly through proper observance of muscular movement, slant, letter formation, alignment, and spacing.

PSYCHOLOGY

131. — **The Psychology of Personal Adjustment.** A course designed to bring to students the practical principles of positive mental hygiene. Emphasis is on the application of mental hygiene principles to help individuals achieve efficiency, happiness, and fullness in their daily living.

231. — **Introduction to Psychology.** A study of the basic principles in psychology bearing on growth, motivation, learning, drives, emotions and similar aspects of human behavior.

232. — **Adolescent Psychology.** A study of the changes in development and behavior during the adolescent years. Special emphasis on psychological sociological needs.

233. — **Industrial Psychology.** Principles of applied psychology; personality development; the adjustment concept — direct attack, substitution, evasion, and retreat; psychology applied to hiring, rating, promoting, and supervising of workers; scientific testing, employee morale; principles of psychological research.

234. — **Personnel Administration.** A course in the principles and prevailing procedures in the selection, employment, placement, pay, training and separation of workers; problems in the administration of the personnel program, personnel accounting, employee incentives, etc.

235. — **Ethics; Personal and Social Conduct.** Origin and growth of moral ideas; the search for a moral standard; some of the historical moral philosophies; a theory of right and wrong, good and evil, ethical method, applications. Prerequisite: Sophomore standing.

236. — **Child Psychology and Development.** This course presents in systematic fashion the known facts about children — all children — as these facts have been discovered by educators, psychologists, pediatricians, anthropologists, and many others who have devoted themselves to the scientific study of child behavior.

237. — **Logic.** Name and methods of correct reasoning; deductive proof, inductive proof, fallacies, arguments. Prerequisites: Sophomore standing.

238. — **Introduction to Philosophy.** A consideration of the nature of meaning, knowledge, certainty, and reality, approached through the writings of such men as Plato, Des Cartes, Hume, Mills, James and Whitehead. Prerequisites: Sophomore standing.

THE EVENING SCHOOL DIVISION

B. J. MURDOCK, Director

The national program of adult education is growing at a phenomenal rate. People everywhere are learning that the need for more education does not end with the termination of full-time school attendance. New problems continue to appear and usually their solution requires additional study of the changing conditions which produce them.

Purpose of the Evening College: The Evening College is organized and designed to serve purposeful people of post high school age in this area. The purposes of the Evening College are threefold: (1) To provide the liberal arts of reading, writing, speaking and listening. (2) To provide adults with an opportunity to increase their understanding of the world through the humanities, the social sciences and the natural sciences. (3) To offer adults an opportunity to improve their usage of leisure time through the offering of courses designed to educate them about various hobbies and cultural matters. The standards maintained are the same as for those of the regular day classes of the college.

The Evening College makes it possible for residents of this area to continue their education without interrupting their normal daily activities. For those who wish to complete a specialized college program there are available many courses through which appropriate credit may be earned. If the major interest is in self-improvement or occupational readjustment, courses—credit and non-credit—designed for the specific purposes desired can be provided.

College credit courses are conducted on a semester basis and meet all the requirements of the accreditation organization with which the college is affiliated. Most of these classes meet on the college campus but during the past year some of them were organized and conducted at other centers. When the enrollment is sufficient and a qualified instructor is available, this plan may be extended to other communities in the college service area.

Non-credit courses may be organized when desired for any length of time necessary. They may be general in scope or directed toward a specific objective. They include discussion groups, technical training, hobby activities, and special interest groups and cover a wide range of subject matter and educational activity.

General Education Development or High School Equivalency Tests: Several educational and Development Tests are given each month to adults who are 21 years of age or over. This examination is to provide a means by which these adults may obtain a high school equivalency certificate. The test scores are generally recognized by employers and colleges as the equivalent of a high school education.

GENERAL INFORMATION

Complete information regarding credit courses, including admission requirements, tuition, class attendance, the marking system, and other operating procedures will be found in the general catalogue.

Tuition for non-credit courses is determined by the actual cost of conducting each course, including instruction and any special facilities that may be required. As a result the cost per course varies but in no case is it great enough to constitute a problem for anyone who is genuinely interested in further education. Since all non-credit courses are operated at cost, necessary books and supplies are furnished by the student.

There are no prescribed educational requirements for non-credit courses. Interested students who can profit from the instruction to be given will usually be approved.

Veterans who wish to receive educational benefits under Public Law 550 should visit the Veteran's Administration office in the Employment Office or call at the college in advance of the registration date.

COLLEGE CREDIT COURSES

Courses from the class schedule (tentative) for the 1964-1965 Evening School are listed as follows. Course descriptions and information regarding such other items as college level of the courses and prerequisites may be found in the general catalogue.

Art — Commercial Art.

Business — Typewriting; Shorthand; Sales Management; Retail Sales; Business Law; Office Machines; Office Management; Income Tax Accounting; Time and Motion; Industrial Training Methods; Credits and Collections; Advertising; Principles of Accounting; Intermediate Accounting; Public Relations; Freight Traffic Management (Fundamentals of Transportation); Elements of Statistics.

Education — Public School Art, Public School Music; Adolescent Psychology; Child Psychology.

Engineering — Engineering Drawing; Descriptive Geometry; Architectural Drawing; Blueprint Reading.

English — Composition and Rhetoric; English Literature; American Literature; Business English.

Mathematics — Slide Rule; Intermediate Algebra; College Algebra; Trigonometry; Analytic Geometry; Calculus; Basic Mathematics.

Psychology — Introduction to Psychology; Industrial Psychology; Personnel Administration.

Science — General Inorganic Chemistry; General Biology; Physics.

Social Science — History of the United States; American Government (State and Federal); Geography; Principles and Problems of Economics; Principles of Sociology; Social Problems; Introduction to Criminology; Criminology and Juvenile Delinquency.

Speech — Business and Professional Speech.

Physical Education — First Aid, Recreation Planning and Direction.

NON-CREDIT COURSES

Non-credit courses may be planned for any subject or activity for such length of time as may be desired. Classes may start at any time and meetings may be held wherever suitable facilities are available. The length and frequency of class sessions can be adjusted to serve the needs of the group. Contact Evening Director.

