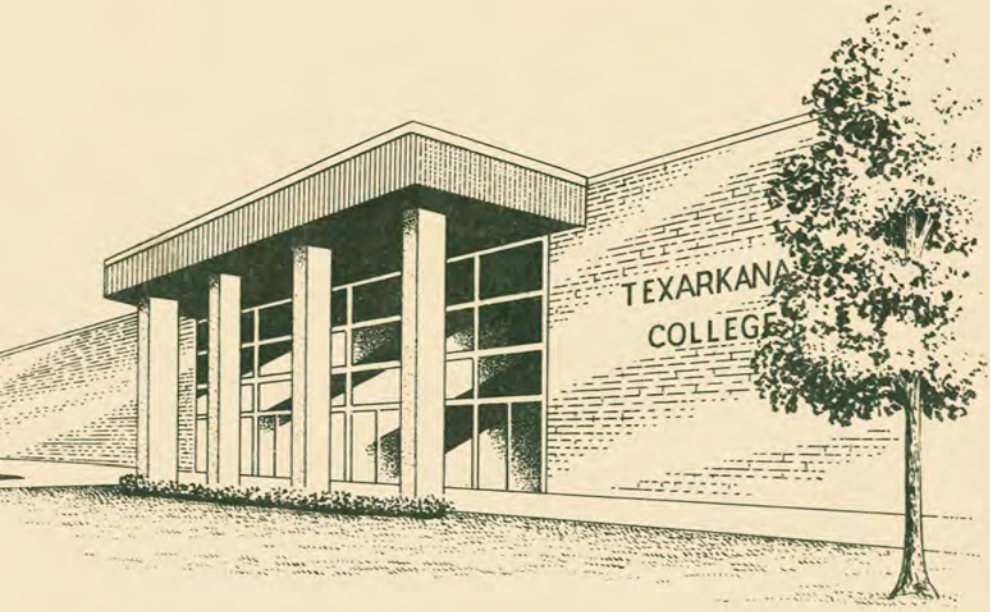

TEXARKANA COLLEGE · 1965 1966

TEXARKANA, TEXAS

CATALOG NUMBER 36 · FEBRUARY 1966
WITH ANNOUNCEMENTS FOR 1966-1967

TEXARKANA COLLEGE

TEXARKANA, TEXAS

FOUNDED SEPTEMBER, 1927

Catalogue

1965 - 1966

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Announcements

1966 - 1967

A PUBLIC JUNIOR COLLEGE OWNED AND OPERATED

by the

TEXARKANA COLLEGE DISTRICT

CALENDAR FOR 1966

JANUARY	FEBRUARY	MARCH
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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

TEXAS ASSOCIATION OF COLLEGIATE REGISTRARS AND ADMISSIONS OFFICERS

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COLLEGE CALENDAR

1966

September 1, 2	Faculty Workshop
September 5	Holiday. Labor day. Dormitories open — 1:00 p. m.
September 6	Freshman Orientation. All Freshmen required to attend. 9:00 a. m. College Auditorium.
September 6	College cafeteria open. 7:30 a. m.
September 6	Last time to take American College Test for those students who did not take test previously. 1:00 p. m. College Library.
September 6, 7, 8	Registration of Night students. 6:30 p. m. Administration Building.
	Professional Nurses Examination. 8:00 a. m. Library.
	Honors, Courses Entrance Test. 8:00 a. m. Biology Building.
September 7	Mathematics Placement Test of Science, Engineering, and Mathematics majors. 1:00 p. m. Room 3. Classroom Building.
September 7	Counseling and Guidance available for all students 8:00 a. m. — 5:00 p. m. Report to Registrar's Office.
September 8	Registration for all former students. 8:00 a. m. — 5:00 p. m.
September 9	Registration of New Freshmen and New Transfer students 8:00 a. m. — 5:00 p. m.
September 12	Classes begin. 8:00 a. m.
September 23	Last day for late registration.
October 7	Last day classes may be dropped without penalty.
November 10	End of Nine Weeks. Grades due in Registrar's Office. 8:00 a. m. November 14.

November 11	Holiday. Veteran's Day.
November 24, 25	Thanksgiving Holidays begin at close of all work on Wednesday, November 23. Cafeteria closed.
December 16	Christmas Holidays begin at close of all work on December 16. Cafeteria closed.

1967

January 2	Class work resumed. 8:00 a. m.
January 16-20	Final Examinations.
January 23	Faculty complete reports for first semester. 8:00 a. m. Registrar's Office.
January 24, 25	Registration for second semester.
January 26	Classes begin. 8:00 a. m.
February 10	Last day for late registration.
February 24	Last day classes may be dropped without penalty.
March 23	End of Nine Weeks. Grades due in Registrar's Office. 8:00 a. m. March 28.
March 24-27	Spring Holidays begin at close of all work March 23. Cafeteria closed.
March 28	Class work resumed. 8:00 a. m.
May 22-26	Final examinations.
May 30	Commencement.

SUMMER SESSION 1967

First Term		Second Term	
June 1, 2	Registration.	July 17	Registration.
June 5	Classes begin.	July 18	Classes begin.
July 14	End of first term	August 25	End of second term.

NIGHT SESSION

May 31 & June 1	Registration
June 5	Classes begin.
June 28	End of term.

BOARD OF REGENTS

and

OFFICERS OF ADMINISTRATION

1966 - 1967

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
W. G. McAlexander, Ed. D. ..... Dean
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
K. B. Davis, M. A. ..... Registrar

STAFF

Gwendolyn Dean, M. L. S. ..... Librarian
Helen Click, M. L. S. ..... Assistant Librarian
Dick Akins ..... Manager Student Center and Supervisor of Maintenance

SECRETARIAL

Judy Free (Mrs.) ..... Secretary to the President
Joyce Easley (Mrs. ..... Secretary to the Dean
Ruby Neil Keathley (Mrs.) ..... Assistant to the Registrar
Carolyn Upchurch (Mrs.) ..... Secretary to the Dean of Students
Virginia D. Bridges (Mrs.) ..... Secretary to the Business Manager
Joyce Fulmer (Mrs.) ..... N. D. S. L. Clerk

FACULTY 1965 - 1966

J. W. Cady (1964) ..... President
B. A. University of Arkansas
M. S. E. University of Arkansas
Ed. D. University of Arkansas
University of Minnesota

W. G. McAlexander (1965) ..... Dean
B. A. North Texas State University
M. A. North Texas State University
Ed. D. University of Houston
University of Texas

K. B. Davis (1965) ..... Registrar
B. A. Milton College
M. A. University of Arkansas

R. L. Arnold, Jr. (1963) ..... Business Manager
B. A. East Texas State University
M. A. East Texas State University
University of Texas
Baylor University

Claude O. Pinkerton (1946) ..... Dean of Students
B. A. East Texas State University
M. A. East Texas State University
Abilene Christian College
University of Texas
University of Colorado
Michigan State University

B. J. Murdock (1958) ..... Director, Evening College Division and Vocational Education
B. S. Southern State College
M. A. East Texas State University
East Texas State University

Gwendolyn Dean (Miss) (1958) ..... Librarian
B. S. E. University of Arkansas
M. S. in L. S. East Texas State University

Murry L. Alewine (1965) ..... Music
B. A. Sam Houston State College
M. A. Sam Houston State College
University of Texas

Raynal Barber (Mrs.) (1959) ..... English
B. A. Ouachita Baptist University
M. A. Texas Christian University
Ouachita Baptist University

James H. Bennett (1957) ..... Chemistry
B. S. Southern State College
University of Arkansas
East Texas State University

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) ..... Sociology
A. A. Jacksonville Baptist College
B. S. Stephen F. Austin College
M. A. Stephen F. Austin College

Jerry B. Brammer (1965) ..... Chemistry
B. A. North Texas State University
M. S. University of Illinois
University of Texas

Ruth E. Bransford (Mrs.) (R. N.) (1961) ..... Nursing
B. S. University of Maryland

James D. Briggs (1965) ..... Business Administration
B. S. University of Denver
M. B. A. University of Southern California
Oregon State University

John H. Calvert (1951) ..... Business Administration
B. S. East Texas State University
M. S. East Texas State University
University of Colorado

John L. Cannon (1965) ..... History
B. S. Stephen F. Austin College
M. A. Sam Houston State College

Gene O. Carlisle (1962) ..... Chemistry
B. S. East Texas State University
M. S. East Texas State University
East Texas State University

Betty Carter (Mrs.) (1953) ..... French-English
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

Lucille L. Cunningham (Mrs.) (1965) ..... Spanish
B. S. Texas Christian University
M. A. Texas Christian University

Joe M. Downs, Jr. (1964) ..... Speech-Drama
B. A. Ouachita Baptist University
M. A. University of Arkansas

Lois N. Duck (Mrs) (1957) ..... English
B. A. Baylor University
M. A. East Texas State University
East Texas State University
University of New Mexico

Lucille Elgin (Mrs.) (1958) ..... English
B. A. Ouachita Baptist University
M. A. East Texas State University
University of London
University of Arkansas
University of London

Ruth Fomby (Mrs) (1955) ..... Mathematics
B. A. Hendrix College
M. A. East Texas State University
University of Mexico

C. O. Fowler (1954) ..... Mathematics
B. S. East Texas State University
M. S. East Texas State University
University of Houston
Florida State University

Bobby Fox (1959) ..... Physical Education
B. S. East Texas State University
M. Ed. East Texas State University

Lois Gardner (Miss) (1965) ..... French
B. A. College of the Ozarks
M. A. University of Oklahoma

Royce Granberry (1966) ..... Agriculture
A. S. Texarkana College
B. S. East Texas State University

Levi H. Hall (1965) ..... Mathematics
B. A. North Texas State University

Harold W. Hatchett (1962) ..... Data Processing-Economics
B. S. Louisiana State University
M. B. A. East Texas State University
North Texas State University
Colorado State University

Billy Ray Hughes (1965) ..... Director of Public Relations
B. S. E. Henderson State Teachers College
M. S. E. Henderson State Teachers College

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 University

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 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.

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 University
Stanford University
Florida State University
University of Arkansas

Paul R. McFerran (1958) ..... Science-Engineering
B. S. Arkansas State Teachers College
M. S. East Texas State University
Harvard University
Florida State University
University of Arkansas
University of Southwestern Louisiana
Arlington State College

Joel R. McGee, III (1957) ..... Biology
B. A. East Texas State University
M. Ed. East Texas State University

Lee C. Milazzo, Jr. (1965) ..... English
B. A. Southern Methodist University

Lewis Miller (1965) ..... Music
B. A. Queens College
B. M. Manhattan School of Music
M. M. Manhattan School of Music
Ph. D. North Texas State University

Robert R. Mills (1958) ..... Business Administration
B. S. East Texas State University
M. Ed. East Texas State University

Margaret B. Montgomery (Mrs.) (1957) ..... English
B. A. Southern Methodist University
M. A. Southern Methodist University
Ecole Normale de Musique, Paris, France
Sorbonne
University of London
University of Oregon
University of Oxford

Norma Nelson (Miss) (1960) ..... Physical Education
B. S. East Texas State University
M. S. East Texas State University

James Parsons (1965) ..... Biology
B. S. East Texas State University
M. Ed. East Texas State University

Mildred C. Parsons (Mrs.) (1965) ..... Speech-English
A. B. Texarkana College
B. A. East Texas State University
M. A. East Texas State University

Mary J. Powell (Mrs.) (R. N.) (1965) ..... Nursing
B. S. University of Arkansas

Willard Pyle (1958) ..... Biology
B. S. Arkansas A & M College
University of Arkansas
East Texas State University

C. Michael Ribariu (1964) ..... Education
B. F. A. College-Conservatory of Music of Cincinnati
Ed. B. University of Cincinnati
Ed. D. University of Cincinnati

Grady L. Richardson (1959) ..... Agriculture
B. S. Texas A & M University
M. S. Texas A & M University
Vanderbilt University
New Delhi University

David Rison (1964) ..... History
B. A. Ouachita Baptist University
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

Dottie Jean Taylor (Mrs.) (R. N.) (1965) ..... Nursing
B. S. East Texas State University

Robert Frank Taylor (1965) ..... Physical Education
B. S. Ouachita Baptist University
M. S. E. Henderson State Teachers College

Richmond P. White (1962) ..... Engineering
B. S. East Texas State University
M. S. East Texas State University

Robert G. Williams (1959) ..... History-Government
B. S. Stephen F. Austin State College
M. Ed. Stephen F. Austin State College
University of Texas

Wayne J. Williams (1965) ..... Physical Education
B. A. Ouachita Baptist University
M. S. E. Henderson State Teachers College

Elizabeth G. Willis (Mrs.) (R. N.) (1962) ..... Nursing
R. N. University of Cincinnati
B. S. University of Cincinnati
M. S. Western Reserve University

Walter E. Willis (1941) ..... English
B. A. Southwestern 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 University
M. A. East Texas State University
Baylor University
University of Mississippi

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

GENERAL INFORMATION

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 20c 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 40c 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.

CLASSIFICATIONS, 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 Natoinal 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 approxiately 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 loading 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. Just occupied 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. A new Chemistry Building is under construction and will be ready for occupancy in September, 1966. 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, pillow cases, 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 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 year 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

Mirabeau B. Lamar, second President of the Republic of Texas, many years ago saw the necessity of an enlightened populace when he stated, "An educated mind is the guardian genius of democracy."

Texarkana College has recognized and accepted this challenge. The purposes of Texarkana College are:

1. to present the best academic program possible by offering pre-professional, academic, and terminal courses in the best educational atmosphere,
2. to offer credit and non-credit courses for the adults of the community to continue their education,
3. to act as a service and cultural center for the complete community,
4. to serve as the educational medium for the television viewing audience of this four-state area.

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 con-

stitution approved by the Student Senate on file in the Office of Dean of Students.

A representative must be a full-time student carrying 12 or more hours each semester with a **C** average in each semester.

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 valuable 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 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 fo 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 Associaition.

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.

ATHLETICS 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 participate 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.

CHANGE OF SCHEDULE FEE

A fee of $5.00 will be charged for changing a schedule after designated days.

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 collge 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 fe 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 fee 50c

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

No. of Semester Hours	In District	Out of District	Out of State
12 or more	$100.00	$120.00	$200.00
11	92.00	110.00	184.00
10	83.00	100.00	168.00
9	75.00	90.00	152.00
8	67.00	80.00	136.00
7	58.00	70.00	120.00
6	50.00	60.00	104.00
5	42.00	50.00	88.00
4	33.00	40.00	72.00
3 or less	25.00	30.00	56.00

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 equiv-

alent 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 at registration.

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 Texar-

kana 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, 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., Dillards, 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 axerage 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 pages 77 and 78 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 79 and 80, 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.

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 15 units entrance requirements. Students admitted in this manner must satisfy the entrance requirements before graduation.

Admission by Transfer. Students may transfer to Texarkana College from another college or university upon receipt of an official transcript from that college. Students on academic dismissal from another college may be admitted provided they live in the Texarkana College district and appear before the academic council. An appointment to appear before the council must be made in the Office of the Academic Dean. No student on disciplinary dismissal will be admitted.

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, imunizations, 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 of 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. Present forms to the Dean for approval.

A fee of $5.00 is made for each change after designated days.

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 one hour of class work a week or its equivalent in laboratory pursued for one semester or eighteen weeks.

The following grades are used in evaluating the student's work: A, B, C, D, F, I, W, WP, and WF. A, B, C, and D are passing grades; F is failure. A failure can only be removed by repeating the course in class. The grade I, indicating incomplete work, or absence from examination by excuse, must be made up by mid-term of the next semester; otherwise, the incomplete (I) becomes an F. The grade W indicates a withdrawal from the third through the sixth week. The grade WP signifies passing and WF indicates failing on withdrawal of the seventh through the twelfth week. An F is recorded for withdrawal thereafter.

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 18 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 of 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 th 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 academic 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.

COURSE DESCRIPTION BY DIVISIONS

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.

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 fulfill 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 rquirement.

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	1	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

Mr. Briggs, Chairman, Mr. Calvert, Mr. Hatchett, Mrs. Jacobs, 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 terminal 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	GB 132 or Sec 135 or 136	3
Math 133	3	Sec 132 or 133	3
Acct 131	3	GB 133	3
Sec 138	3	D. P. 131	3
Sec 131, or 132	3	GB 231	3
GB 131 or Sec 124 or 135	3	PE 112	1
PE 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	GB 132	3
Sec 131 or 132	3	GB 133	3
Sec 134 or 135	3	Sec 132 or 133	3
GB 131 or Sec 138	3	Sec 135 or 136	3
PE 111	1	PE 112	1

SOPHOMORE YEAR

1st Semester	Hours	2nd Semester	Hours
Eng. 233	3	Eng 237	3
Acct 231	3	Acct 232	3
GB 231	3	GB 232	3
Hist 231	3	Hist 232	3
Sec 133 or Sec 137	3	Sec 136 or 137	3
Gov 231 or Sec 137	3	Psych 231	3
PE 211	1	PE 212	1

DATA PROCESSING TECHNOLOGY

FRESHMAN YEAR

1st Semester	Hours	2nd Semester	Hours
Eng 131	3	Eng 132	3
GB 131	3	GB 132	3
DP 131	3	DP 132	3
Math 130 or 131	3	Math 133 or 134	3
Acct 131	3	GB 133	3
PE 111	1	PE 112	1

SOPHOMORE YEAR

1st Semester	Hours	2nd Semester	Hours
Acct 231	3	Acct 232	3
DP 231	3	DP 232	3
GB 231	3	GB 232	3
Eng 233	3	Eng 237	3
Gov 231	3	Psych 231	3
Hist 231	3	Hist 232	3
PE 211	1	PE 212	1

Leading to a 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
GB 131	3	GB 132	3
PE 111	1	PE 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
GB 231	3	GB 232	3
Psych 231	3	Elective	3
PE 211	1	PE 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 Machines. Instruction and practice in operating the office machines most often used in business. Emphasis is given to developing skill in the use of adding machines, rotary calculators and printing calculators.

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.

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 puches. Lecture 2 hours, Laboratory 3 hours.

132. — Accounting Methods. Instruction is given in the operation 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. Lecture 3 hours, Laboratory 3 hours.

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. Lecture 2 hours, Laboratory 3 hours.

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 tech-

niques; and an introduction to letter writing and simple tabulation. Lecture 3 hours, Laboratory 2 hours.

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. Lecture 3 hours, Laboratory 1 hour.

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

134. — 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. Lecture 3 hours, Laboratory 2 hours.

135. — 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. Lecture 3 hours, Laboratory 1 hour.

136. — 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.

137. — 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.

138. — Office Practice. A course designed for students who are interested in clerical or secretarial work. Business ethics, grooming for business, proper work habits and attitude, 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.

DIVISION OF FINE ARTS

Dr. Miller, Chairman, Mr. Alewine, Mr. Lumpkin

ART

Suggested course of study leading to the Bachelor of Art Degree:

FRESHMAN YEAR

1st Semester	Hours	2nd Semester	Hours
Art 131	3	Art 132	3
Art 135	3	Art 136	3
Eng 131	3	Eng 132	3
Modern Language	4	Modern Language	4
Hist 131	3	Hist 132	3
P. E.	1	P. E.	1

SOPHOMORE YEAR

1st Semester	Hours	2nd Semester	Hours
Art 133	3	Art 134	3
Art 231	3	Art 232	3
Eng 231	3	Eng 232	3
Modern Language	3	Modern Language	3
Govt 231	3	Govt 232	3
P. E.	1	P. E.	1

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. Lecture two hours. Three hours Laboratory.

132. — Basic Drawing. Continuation of Art 131. Advanced problems in the fundamentals of drawing. Lecture two hours, three hours Laboratory.

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.

135. — Introduction to Art. A study of the basic principles of art, with special attention to the function of art in contemporary culture. Exploration of media and graphic reproduction techniques.

136. — Introduction to Art. Continuation of Art 135. With exploration of two dimensional and three dimensional design potentials.

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. Chacoal, pen and ink, and wash. Lecture two hours, Laboratory three hours.

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. Lecture two hours, Laboratory three hours.

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. Lecture two hours, Laboratory three hours.

234. — Elementary Oil Painting. Continuation of Art 233. Advanced techniques in oil painting. Landscape, figure and character studies. Lecture two hours, Laboratory three hours.

235. — Graphic Media. — Serigraphy. The fundamentals of

Serigraphy. Experience in the development of topographical characteristics. The collage print, and the touche-glue and blue-lacquer resist methods.

236. — Graphic Media. — Etching, Dry Point, Engraving. The fundamentals of etchings, dry points and engravings. Experience with the various medias and with hand reproduction methods.

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 minoring 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

Instrumental: Major — Piano: Minor

FRESHMAN YEAR

1st Semester	Hours	2nd Semester	Hours
Mu 131	3	Mu 132	3
Mu 111	1	Mu 112	1
Mu 233	3	Mu 234	3
Applied Voice	2	Applied Voice	2
Applied or Class Piano	1	Applied Piano	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
Eng 233	3	Eng 234	3
Gov 231	3	Gov 232	3
P. E. 211	1	P. E. 212	1

Voice: Major — Piano: Minor

FRESHMAN YEAR

1st Semester	Hours	2nd Semester	Hours
Mu 131	3	Mu 132	3
Mu 111	1	Mu 112	1
Mu 233	3	Mu 234	3
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
Eng. 233	3	Eng 234	3
Govt 231	3	Govt. 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.

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. This course must be taken in conjunction with Mu. 131.

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. This course must be taken in conjunction with Mu. 132. Prerequisite: Mu. 131 and Mu. 111.

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.

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 pregressions and melody harmonizations requiring all diatonic seventh chords, modulation to closely related keys. Three hours lecture. Prerequisite: Mu 132 and Mu. 112.

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. This course must be taken in conjunction with Mu. 231. Prerequisite: Mu. 132 and Mu. 112.

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. This course must be taken in conjunction with Mu. 232. Prerequisite: Mu. 231 and Mu. 211.

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. 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.

138. — Music Education. Detailed study of the methods and objectives of school music and selection of materials for each grade. Emphasis is placed on the preparation and presentation of lessons by individual students. This course is not open to music majors. 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.

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.

Mu. 11F, 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.

236. — Choral Conducting. Introduction to choral conducting techniques, rehearsal and performance procedures. A detailed study is made of conducting patterns and rhythms.

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		
2 Voice	5 Organ	8 Vocal Ensemble
3 Wind Instruments	6 Concert Choir	9 Concert Band
4 Strings	7 College Choir	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 diminshed 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 Pare 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 four 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

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, Glutzmacher. 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 hour 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, Klakharde; The Carnaval, Hume, Freshman study.

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

Saxophone. Method for Saxaphone 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, Kaprosch, 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. Pacome, 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.

Flute. Modern method of Boehm Flute. Sonata No. 3, Handel; 24 capricioso, Boehm. Freshman study.

Flute. Orchestral Studies. Fourth Sonata, Bach; Minuet in D, Tryouts for vacancies held by appointment with vocal instructor.

ENSEMBLES

1161, 1162, 2163, 2164. — Concert Choir. The Texarkana College concert choir is composed of 40 selected voices. Music of the classic repertoire as well as modern compositions are studied and performed. This choir has an annual extended tour each spring as well as tours throughout the entire four states area during the year. Tryouts for vacancies held by appointment with vocal instructor. Applications should be made early for membership.

1181, 1182, 2183, 2184. — Vocal Ensemble. The Texarkana College Madrigal Choir is a small vocal ensemble composed of superior voices selected by the director. This group performs music

from the Renaissance, Baroque, Classic, and Romantic periods as well as contemporary compositions. The Madrigal Singers tour annually with the Concert Choir and also perform for many special programs throughout Texas, Arkansas, Oklahoma, and Louisiana. Membership is open only with the consent of the instructor and applications should be made early.

Other vocal ensembles are maintained depending upon the demand and forces available. Examples of these are Barbershop Quartets, mixed vocal quartets and trios, and girls trios and sextets as well as Madrigal groups, etc.

1191, 1192, 2193, 2194. — Band. The band performs as a concert band during the school year. Open to all students with approval of the director.

Brass Ensemble. Performs works from the standard brass repertoire. Non-credit course. Open to the student body by audition.

Woodwind Quartet. Membership limited to one each of the following: Clarinet, Flute, Oboe, French Horn, Bassoon. Non-credit course. Open by audition.

DIVISION OF LANGUAGE ARTS

Mrs. Montgomery, Chairman, Mrs. Barber, Mrs. Carter, Mrs. Cunningham, Mr. Downs, Mrs. Duck, Mrs. Elgin, Miss Gardner, Mrs. Parsons, and Mr. Willis.

ENGLISH

031. — Basic English. This course is a preparatory, non-transferable credit course for students who have made unsatisfactory scores on the English placement tests. It is designed to overcome some of the obvious deficiencies (spelling, punctuation, sentence construction) and to give students practice in writing so that they will be able to cope with writing assignments in English 131. Three lecture hours a week. Credit: Three semester hours.

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. Prerequisite, English 131 or 133.

133. — Advanced Composition and Rhetoric. Various difficult prblems 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.

134. — Journalism. Basic news writing. Fundamentals of newspaper reporting. Laboratory work on the College newspaper.

135 — Journalism. Basic newspaper editing, editorial writing, feature writing, basic news photography, and continued practice in news writing. Laboratory work on College newspaper. Prerequisite: English 134, basic news writing or high school journalism.

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.

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. Prerequisite: English 132.

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. Prereq.: Eng. 132.

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. Prerequisite: English 132.

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. Prerequisite: English 132.

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. Prerequisite: English 132.

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. Prerequisite: English 132.

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: Speech 131.

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. Prerequisite: Drama 131.

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 lecture 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 lecture and two practice hours a week.

231. — Composition and Reading. Prerequisite: French 142. Three lecture hours a week. 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 lecture hours a week. Increased work in French literature and written expression.

233. — Special Studies. Special studies in French based on needs and interests of individual students.

141. — Elementary German. Three lecture and two laboratory practice hours a week. 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 lecture and two laboratory practice hours a week.

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 lecture hours a week.

232. — Composition and Reading. Prerequisite: Spanish 231. Three lecture hours a week.

233 — Special Studies. Special studies in Spanish based on needs and interests of individual students.

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, Mr. Hall, 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 one year of high school algebra.

131. — College Algebra. Introduction to sets, logic, permutations, combinations, probability, inequalities, partial fractions, complex numbers, determinants, functions, polynominals, and mathemat-

ical 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 variaitions, 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. 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. Prerequisite: Mathematics 130 or 131 and 132.

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. 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. Prerequisite: Math 233.

DIVISION OF NATURAL SCIENCE AND ENGINEERING

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

SUGGESTED COURSES OF STUDY
DEPARTENT 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	3	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. 144	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

AGRICULTURAL ENGINEERING

FRESHMAN YEAR

1st Semester	Hours	2nd Semester	Hours
Chem. 141	4	Chem. 142	4
Engr. 131	3	Engr. 132	3
Eng. 131	3	Eng. 132	3
Hist. 231	3	Hist. 232	3
Math. 131 or 136	3	Math. 132 or 231	3
P. E. 111	1	P. E. 112	1

SOPHOMORE YEAR

1st Semester	Hours	2nd Semester	Hours
Eco. 131	3	Agri. 133	3
Math. 232	3	Math. 233	3
Phys. 251	5	Phys. 252	5
Gov. 231	3	Gov. 232	3
Spe. 131	3	Eng. 237	3
P. E. 211	1	P. E. 212	1

DEPARTMENT OF AGRICULTURE

131. — Introduction to Economics. A general study of basic principles in economics. Production, distribution, exchange, consumption, business cycles and their relationships to national annual income. Survey of the farm and ranch and the functional and institutional aspects of agricultural finance. Governmental policies and programs related to agriculture.

231. — Wildlife Conservation and Management. An introduction to wildlife and fish resources of the United States with special reference to Texas. The importance of plants and animals in our economic and cultural life. An account of what has happened to North American Wildlife and consideration of specific plans and methods for its rehabilitation, maintenance, and increase.

122. — Agricultural Engineering. A course for students in Agricultural education and general agriculture involving carpentry and woodwork, tool sharpening, preparation of simple drawings and

bills of materials, blueprint reading, rafter cutting, welding, soldering, pipe fitting, and the preparation and use of concrete.

133. — Fundamentals of Crop Production. Classification and distribution of farm crops; importance of good varieties and good seed; crop improvement; preparation of the seed bed; commercial fertilizers; manures and lime; seeding practices; crop tillage; harvesting; meadow and pasture management; weeds; crop rotation; diseases and insect enemies. Lecture 3 hours, Laboratory 2 hours.

134. — General Animal Husbandry. An introductory course stressing the importance of livestock and livestock farming. General factors influencing efficiency in feeding, market value, breeding, health, and adaptability of various species to geographical and climatic regions are emphasized. Lecture 3 hours, Laboratory 3 hours.

232. — Dairy Science. A survey of the dairy industry, dairy breeds, standards for selection and culling, herd replacements, feeding, management, and health maintenance. Food value of milk, tests for composition and quality, utilization and processing of market milk and dairy products. Prerequisites: Chemistry 141-142. Lecture 3 hours, Laboratory 3 hours.

135. — Poultry Production. The breeds and types of poultry, culling poultry for egg production, incubation, broodnig and feeding for growth and egg production, winter and summer management, housing and hygiene, preparation of poultry for market, methods of marketing, practical application of these subjects of farm conditions. The practice consists of the identification of breeds and varieties, judging poultry for egg production, plans for poultry farms and poultry houses, identification of feeds. Lecture 3 hours, Laboratory 3 hours.

233. — General Entomology. A study of the principal orders of insects; the relation of anatomy and physiology of insects to control methods; the principal insecticides and their uses; the development habits and economic importance of the more common insects with control methods for the injurious species. Lecture 3 hours, Laboratory 3 hours.

136. — General Horticulture. A study of the general field of horticulture; the growth and fruiting habits of horticulture plants; a study of the principles and practices of propagation, including seedage, cutting, graftage, and special methods; a study of the planting, care, culture, harvesting, handling, and utilization of fruit and vegetable crops. Prerequisite: Biology 143. Lecture 3 hours, Laboratory 3 hours.

PRE-ENGINEERING

FRESHMAN YEAR*

1st Semester	Hours	2nd Semester	Hours
Chem. 141	4	Chem. 142	4
Engr. 111	1	Engr. 112	1
Engr. 131	3	Engr. 132	3
Math. 136*	3	Math. 232	3
Math. 231*	3	Eng. 131	3
Eng. 131	3	D. P. 231	3
P. E. 111	1	P. E. 112	1

*If student does not pass mathematics placement test, Math. 131 and Math. 132 must be substituted.

SOPHOMORE YEAR

1st Semester	Hours	2nd Semester	Hours
Math. 233 or 234	3	Gov. 231	3
Engr. 231	3	Engr. 232	3
Phys. 251	5	Phys. 252	5
Eng. 233	3	Eng. 237	3
Hist. 231	3	Hist. 232	3
P. E. 211	1	P. E. 212	1

*Students should have College Algebra and Trigonometry or their equivalent prior to entering Engineering. These courses should be taken in Summer School preceding fall enrollment.

PRE-DENTISTRY

FRESHMAN YEAR

1st Semester	Hours	2nd Semester	Hours
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	1

SOPHOMORE YEAR

1st Semester	Hours	2nd Semester	Hours
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

1st Semester	Hours	2nd Semester	Hours
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

1st Semester	Hours	2nd Semester	Hours
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 Technologist 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 premedical 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

DRAFTING TECHNOLOGY

FRESHMAN YEAR

1st Semester	Hours	2nd Semester	Hours
Eng. 131	3	Eng. 132	3
Math. 130 or 131	3	Math. 132	3
Engr. 111	1	Engr. 112	1
Engr. 131	3	Engr. 132	3
Engr. 133	3	Engr. 134	3
Hist. 231	3	Hist. 232	3
P. E. 111	1	P. E. 112	1

SOPHOMORE YEAR

1st Semester	Hours	2nd Semester	Hours
Engr. 135	3	Engr. 136	3
Engr. 137	3	Engr. 138	3
Phys. 141	4	Phys. 142	4
Gov. 231	3	Gov. 232	3
Spe. 131	3	Eng. 237	3
P. E. 211	1	P. E. 212	1

BIOLOGY

FRESHMAN YEAR

1st Semester	Hours	2nd Semester	Hours
Chem. 141	4	Chem. 142	4
Biol. 141	4	Biol. 142	4
Math. 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

SOPHOMORE YEAR

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

Should consult with advisor.

141. — General Biology. An introductory course. The morphology and physiology of representative plants. General biological problems. Study of local flora. Three lectures and three hours laboratory each week.

142. — General Biology. An introductory course. The morphology and physiology of representative animals. General biological problems. Study of local fauna. Three lecture and three hours laboratory each week.

143. — General Botany of Seed Plants. The seed plant as a living unit; external and internal structures in relation to life processes, reproduction and life history; economic and ecological significance. Three lecture and three hours laboratory each week.

144. — General Zoology. A general introduction into the history and branches of the biological fields. A brief survey of animal kingdom. Emphasis on human reproduction and principles of heredity. Three lecture and three hours of laboratory each week.

145. — Anatomy and Physiology. A study of physiology and human anatomy designed particularly for nurses, medical technicians, and physical education majors. Three lecture and three hours of laboratory each week.

146. — Biology. A molecular approach to General Biology with emphasis on the nature of science, structure, physiology, reproduction, genetics, ecology, and taxonomy. Three lecture and three hours laboratory each week. Admission by invitation only.

147. — Biology. A molecular approach to General Biology including the study of structure, physiology, reproduction, genetics, ecology, and taxonomy. Three lecture and three hours laboratory each week. Admission by invitation only. Prerequisite: Biology 146.

241. — Comparative Vertebrate Anatomy. Comparative embryology, anatomy, and physiology of vertebrate organ systems; adaptations; evolutionary history of the vertebrate. Three lecture and three hours laboratory each week.

242. — General Bacteriology. A study of the characteristics and activities of micro-organisms and their relation to health and disease. An introduction to pathogenic organisms with major emphasis on history, morphology, infection, control, immunization and laboratory techniques. Three lecture and three hours laboratory each week.

CHEMISTRY

FRESHMAN YEAR

1st Semester	Hours	2nd Semester	Hours
Eng. 131	3	Eng. 132	3
Math 131	3	Math. 136	3
Math 132	3	Math 231	3
Chem. 141	4	Chem. 142	4
*Modern Language 141	4	*Modern Language 142	4
P. E. 111	1	P. E. 112	1

*German or French; German preferred.

Government and History may be taken in summer.

SOPHOMORE YEAR

1st Semester	Hours	2nd Semester	Hours
Eng. 233	3	Eng. 237	3
Math. 232	3	Math. 233	3
Chem. 242	4	Chem. 243	4
Chem. 251	5	Phys. 242	4
Phys. 241	4	Modern Language 232	3
Modern Language 231	3		
P. E. 211	1	P. E. 212	1

Student should consult with advisor and study program from degree-granting school.

Chem. 141. — General Chemistry. Fundamental principles of pure chemistry, theoretical and applied chemistry. Atomic structures periodic arrangement of elements, ionic and covalent bonding, liquids, solids, chemical and ionic equilibrium. (Note: satisfies first semester requirement for chemistry in Class A medical schools.) Math 131 either prerequisite or corequisite. Three hours lecture and three hours of laboratory each week.

Chem. 142. — General Chemistry. Fundamental principles of pure chemistry. Study of thermo-chemistry, electrochemistry, nuclear chemistry, descriptive chemistry and qualatative analysis. (Note: satisfies second semested General Chemistry requirements in Class A medical schools.) Three hours lecture and three hours laboratory ach week. Prerequisite: Chemistry 141.

Chem. 143. — General Chemistry. Atomic and molecular structures of matter, gases, liquids, solids, colloids, covalent and electronic structure, descriptive chemistry, chemical and ionic equilibria, inorganic complexes. Three hours lecture and three hours laboratory each week. Admission by invitation of the science faculty only. Prerequisite: Math 131 or parallel.

Chem. 144 — General Chemistry. Organic chemistry, biochemistry, chemistry of fundamental particles, nuclear chemistry. Prerequisite: Chem. 143, Math 231 recommended.

Chem. 241. — Organic Chemistry. Classification, structure, nomenclature, methods of preparation, and standard reactions of alkanes, alkenes, alkynes, cyclic aliphatic hydro-carbons, aromatic hydrocarbons, arenes, alcohols, ethers, and their derivatives. Three hours lecture and three hours of laboratory a week. Prerequisite: Chemistry 142 or 144.

Chem. 242. — Organic Chemistry. Classification, structure, nomenclature, methods of preparation, and standard reactions of carboxylic acids, sulfonic acids, amines, diazonium salts, aldehydes, ketones, carbohydrates, proteins, phlyhydroxy compounds, heterocyclic compounds, and their derivatives. Three hours lecture and three hours of laboratory a week. Prerequisite: Chemistry 241.

251. — Quantitative Analysis. The theory and practice of fundamental quantitative analytical procedures. Gravimetric and volumetric methods are employed. Special emphasis on the develop-

ment of laboratory techniques. Three lecture 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 problems 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 darwings 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. Fundamentals of the use of surveyor's tape, level, transit, and plane table. Calculation of land area and traverses. Application in field problems. 3 lecture and 3 hours field practice.

DEPARTMENT OF PHYSICS

MAJOR PHYSICS

FRESHMAN YEAR

1st Semester	Hours	2nd Semester	Hours
Biol. 141	4	Biol. 142	4
Chem. 141	4	Chem. 142	4
Eng. 131	3	Eng. 132	3
Math. 231***	3	Math. 232	3
Math. 136***	3	Elective	
P. E. 111	1	or	
Math. 111*	1	German or French 141**	4
		P. E. 112	1

*Suggested, not required.
**Consult degree-granting school.
***Student must take Mathematics Placement Test.
Government — May be taken in summer.

SOPHOMORE YEAR

1st Semester	Hours	2nd Semester	Hours
Eng. 235	3	Eng. 236	3
Math 233	3	Math 234	3
Hist. 231	3	Hist. 232	3
Phys. 251	5	Phys. 252	5
D. P. 231	3	Govt. 231	
P. E. 211	1	(or Modern Language)	3
		P. E. 212	1

Student should consult with advisor aand study program from degree-granting school.

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 solutoin 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 232, DP 231.

DIVISION OF NURSING

Mrs. Keith, Chairman, Mrs. Bransford, Mrs. Livingston, Mrs. Powell, 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 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 on the pre-entrance tests.

PHILOSOPHY

The William Buchanan Department of Nursing is an integral part of Texarkana College and reflects the democratic philosophy of the College. Nursing is an art, a science and a service which endeavors to meet the patient's total basic needs and is carried out in part under medical authority. It involves understanding of the person and recognition of him as an individual. It also includes prevention of disease, promotion of health and rehabilitation of the individual to a useful life in the community. Knowledge and understanding of the biological, physical and social sciences provide a basic foundation.

Education is an active, cumulative process which involves the acquisition of knowledge and development of skills, enabling the individual to enrich his own life and to become a contributing member of society.

The student learns from a curriculum planned to provide a combination of general and special education with opportunity for self direction. Presentation is guided by sequential organization and correlated learning experiences.

The faculty creates an environment which is conducive to intellectual pursuit. Each member through educational preparation, experience, philosophy, and personality influences the development of the student.

The graduate of the program can be expected to render safe, direct nursing care. She has the knowledge and skill to solve basic nursing problems, to perform basic nursing activities founded on scientific principles, to participate as a member of the health team, to establish acceptable interpersonal relationships with patients, their families and co-workers, and to utilize supportive community resources as necessary in patient care.

Central Objective:

To guide the individual student as she endeavors to become a contributing member of society in the health field. To identify the

basic concepts of nursing including the application of knowledge in solving nursing problems, and to exhibit skill in performance of basic procedures pertaining to the maintenance of health and the care and rehabilitation of the person who is ill.

Contributory Objectives:

1. To understand her role as a therapeutic agent in each area of nursing.
2. To understand the components of effective interpersonal relationships.
3. To know how to establish and maintain effective interpersonal relationships.
4. To understand the basic needs of patients; psychological, sociological, physiological and spiritual.
5. To know how to meet the basic needs of patients.
6. To understand the scientific principles necessary to provide direct nursing care.
7. To know how to apply scientific principles necessary to provide direct nursing care.
8. To know the facilities within the community that contribute to health of individuals.
9. To know how to utilize the health facilities of the community.
10. To understand the value of keeping abreast with current developments in nursing.

WILLIAM BUCHANAN DEPARTMENT OF NURSING

FRESHMAN YEAR
Students Entering June

1st Summer Session	Hours
Nurs. 151	3
Biol. 145	4
Fall	**Hours**
Biol. 142	4
Eng. 131	3
Nurs. 161	6
Soc. 131	3

2nd Summer Session	Hours
Nurs. 151	3
Psych. 231	3
Spring	**Hours**
Sci. 141	4
Nurs. 241	4
Nurs. 253	4

SOPHOMORE YEAR

1st Summer Session	Hours
Nurs. 153	2½
Eng. 132	3
Fall	**Hours**
Nurs. 262	6
Gov. 231	3
Psych. 236	3

2nd Summer Session	Hours
Nurs. 153	2½
Hist. 231	3
Spring	**Hours**
Nurs. 264	6
Nurs. 254	5
Hist. 232	3

FRESHMAN YEAR
Students Entering September

Fall Semester	Hours
Nurs. 151	5
Biol. 145	4
Eng. 131	3
Psych. 231	3
P. E.	1
1st Summer Session	**Hours**
Nurs. 253	5
Science 141	4

Spring Semester	Hours
Nurs. 261	6
Eng. 132	3
Soc. 131	3
Biol. 242	4
2nd Summer Session	**Hours**
Nurs. 253	5

SOPHOMORE YEAR

Fall Semester	Hours	Spring Semester	Hours
Nurs. 241	4	Nurs. 254	5
Nurs. 153	5	Nurs. 262	6
Hist. 231	3	Hist. 232	3
Psych. 236	3		
1st Summer Session	**Hours**	**2nd Summer Session**	**Hours**
Nurs. 264	6	Nurs. 264	6
Govt. 231	3		

151. — Fundamentals of Patient Care and Introduction to Medical-Surgical Nursing. Designed as a foundation course to develop the concept of appropriate nursing care for the individual person. Application of scientific principles to the development of basic nursing skills through the use of the hospital care of patients. Introduction of knowledge concerning community health agencies which contribute through preventive, rehabilitative, and direct services to the total health needs of patients. Inclusion of a survey of the history of nursing and profession relations. Presentation of fundamental principles of nutrition and pharmacology. Prerequisites: Psychology 231, Biology 145 Physical Science 141, Lecture 4 hours, laboratory 12 hours weekly.

153. — Maternity and Newborn Nursing. Designed to include knowledge and skills essential for giving nursing care to women throughout the maternity cycle and to the newborn. 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 12 hours.

261. — Medical-Surgical Nursing I. Designed to provide knowledge and understanding of the principles of nursing care relating to anifestations of disease, diagnostic and therapeutic procedures, preventive measures, and rehabilitation. Correlation of pharmacology, diet therapy, and community aspects throughout the course. Learning experiences provided through selected patient assignments in the clinical area. Lecture 3 hours, laboratory 12 hours.

241. — Medical-Surgical Nursing II. Designed to provide principles of care for the patient whose treatment includes surgical intervention. Introduction of principles of surgical asepsis in the operating room. Correlation of pharmacology. Lecture 2 hours. Laboratory 12 hours for 8 weeks.

262. — Medical-Surgical Nursing III. Designed as a continuation of Medical-Surgical Nursing I. Inclusion of cycle of patient care: caring for the same patient through the pre-operative, operative, and post-operative period. Correlation of pharmacology, diet therapy, and nutrition. Lecture 3 hours. Laboratory 12 hours for 19 weeks.

254. — Nursing of Children. Designed to provide basic principles of nursing care for the ill child. Knowledge of the disease conditions commonly found in the given age period with clarification of the interrelations of maturation and specific kinds of illnesses. Em-

phasis on the meaning and significance of illness and hospitalization to the child and his family. Development of the ability to function safely and effectively in the role of the pediatric nurse through selected patient assignment in the clinical areas (hospital and other community agencies). Lecture 3 hours, laboratory 12 hours for eight weeks.

253. — Psychiatric Nursing. Designed to guide the student in acquiring understanding of the basic development, the psychodynamics, and the principles of human behavior as exhibited by the psychiatric patient. Emphasis on prevention of mental illness and promotion of mental health. Inclusion of the therapy, nursing care, and rehabilitation of patients through experience in local clinical areas, supplemented by two weeks at Arkansas State Hospital, Little Rock, Arkansas. Lecture 3 hours, laboratory 12 hours for 8 weeks.

264. — Medical-Surgical Nursing IV. Designed to develop a concept of responsibilities and duties associated with future hospital eployment. Provision of 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. Lecture 6 hours, laboratory 18 hours for 9 weeks.

DIVISION OF PHYSICAL EDUCATION

Mr. Fox, Chairman, Miss Nelson, Mr. Taylor, and Mr. Williams

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, Dr. Ribariu, Mr. Rison, Mr. Smith, 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	2	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

FRESHMAN YEAR

1st Semester	Hours	2nd Semester	Hours
Eng. 131	3	Eng. 132	3
Psych. 131	3	Soc. 131	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
Phych. 131	3	Soc. 131	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

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. History 131 prerequisite for History 132.

221. — Introduction to Contemporary Middle Eastern Culture. The course is designed to introduce the student to various centers of Middle Eastern culture. Under the guidance of a faculty member, a tour is made of the major Middle Eastern 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 Middle Eastern culture and an examination.

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. History 231 prerequisite for History 232.

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.

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 dsign

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

111. — Freshman Orientation and Adjustment. This course is designed to serve as a group study approach to student problems. Course content will evolve out of student interests and needs. Areas of study are adjusting to college, use of library, acquiring basic study skills, improving your personality, making a wise vocational choice. Emphasis will be placed upon active student participation in group activities and "self" study. This course is required of all entering freshmen taking 12 or more hours.

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. Prereq.: Psy. 231.

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. Prerequisite: 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. Prerequisite: Sophomore standing.

THE EVENING SCHOOL DIVISION

B. J. Murdock, Director

The national prgoram of adult education is growing at a phenominal rate. People everywhere are learning that the need for more education does not end with the termination of full-tim school attendance. New problems continue to appear and usually their solution reuires 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 ducation.

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 1965-1966 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; Marriage and the Family.

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.

APPLICATION FOR ADMISSION
TEXARKANA COLLEGE
Texarkana, Texas

(RETURN TO DEAN OF STUDENTS)

PRINT OR TYPE

Name .....
Last First Middle (If married give maiden name)

Male ..... Female .....

Telephone No. ..... Social Security No. .....

Date and place of birth .....

Mailing Address .....
Box or St. No. Town County State

Parents' or Guardian's Name .....

Address ..... Occupation .....

Did you graduate from high school? ..... Date .....

Name of high school or college last attended .....

Graduated in what quarter of your class? .....

Address .....

Date attended college .....

Are you eligible to return to that college? .....

Have you attended Texarkana College before? ..... When?.....

Are you a resident of the Texarkana College District? .....

Will you enroll in Day Division?..... Evening Division?.....

What is your major field of study? .....

Where do you plan to transfer after completing your work at Texarkana College? .....

Check when you plan to enroll:

Summer: 1st Term..... 2nd Term....., Fall..... Spring ..... Year.....

In addition to this completed form the following items must be filed in the Office of the Registrar, Texarkana College, Texarkana, Texas, at least one week prior to the time student plans to enroll: A transcript of all high school credits of any previous college work, ACT or CEEB Test Scores, and a health certificate.

A small snapshot must be attached to application.

SNAPSHOT

DO NOT WRITE IN THIS COLUMN.

1-9 .....
Soc. Sec. No.

10-14 .....
Alpha Sort No.

15-37 .....
Name

41 .....
Classification

42 .....
Sex

43 .....
Division

44-47 .....
Birth Date

48-49 .....
Home State

50-52 .....
County

53-56 .....
High School

59-62 .....
1st Time Entered

70 .....
How Admitted

71 .....
Dist. Res.

72 .....
Tuition Adj.

73 .....
H. S. Rank

74-75 .....
Age

76 .....
Sem. or Term

77-78 .....
Prev. Sem. Hrs.

ree references:

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OFFICE OF THE DEAN OF STUDENTS

TEXARKANA COLLEGE

Texarkana, Texas

This form should be mailed to the above address not later than five days prior to registration. Full clearance for registration will not be granted until the following medical requirements are met:

1. Medical History
2. Physical Examination
3. Poliomyelitis Immunization Completed
4. Chest X-ray (duplicate copy of chest X-ray report to be included with this sheet)

Full Name .....

Single..... Married..... Divorced.....

Date of Birth ..... Sex.....

Address .....

Name, Address of Nearest Relative .....

.....

Medical History: (To be filled out by student)

1. Serious illnesses — give diagnosis and date .....

   .....

2. Operations — give diagnosis and date .....

   .....

3. Do you have any allergies? If so, what? .....

   .....

4. Do you have any diseases at present? .....

   If so, what, and are you taking medications?.....

5. Have you had any severe injuries? If so, what? .....

   .....

6. Check any of the following conditions you have had:

   (a) Hay Fever.....
   (b) Asthma .....
   (c) Rheumatic Fever .....
   (d) Heart Murmur .....
   (e) Poliomyelitis .....
   (f) Infectious Mononucleosis .....
   (g) Hepatitis .....
   (h) Fainting Spells .....
   (i) Diabetes .....
   (j) Epilepsy .....
   (k) Tuberculosis .....
   (l) Arthritis .....
   (m) Kidney Disease .....
   (n) Menstrual Cramps .....

7. Name and address of personal physician .....

   .....

PHYSICAL EXAMINATION: (To be done by your family physician)

Weight..... Height..... Skin Abnormalities.....

Eyes (R)..... (L)..... Corrected to (R) ..... (L)..... Ears (R)..... (L) .....

Throat..... Nose..... Neck.....

Breasts (R)..... (L)..... Lungs.....

Heart..... Abdomen..... Hernia.....

Pulse Rate..... Blood Pressure ..... Nodes.....

Bones and Joints .....

Any Reasons for Limitation of Physical Activity? .....

.....

IMMUNIZATION RECORD

Smallpox vaccination (Last Date) ..... Poliomyelitis .....

Tetanus Toxoid (a) Initial Series .....

(b) Last Booster .....

Date, Place Taken, and Report of Chest X-Ray .....

.....

(Include a duplicate copy of chest x-ray report with this sheet)

Signed ....., M. D.

Address .....

Date .....