9-16-1931

Catalog Edition- The School Year 1930-1931

Prairie View State Normal and Industrial College

THE STANDARD

OF THE

PRAIRIE VIEW STATE NORMAL AND INDUSTRIAL

COLLEGE

FIFTY-SECOND

CATALOG EDITION

OF THE

PRAIRIE VIEW STATE NORMAL AND INDUSTRIAL COLLEGE

FOR THE

SCHOOL YEAR 1930-1931

WITH ANNOUNCEMENTS FOR THE SCHOOL SESSION
BEGINNING SEPTEMBER 16, 1931
AND CLOSING MAY 30, 1932

PRAIRIE VIEW, TEXAS

WALLER COUNTY

Published monthly by the Prairie View State Normal and Industrial College, Prairie View, Texas

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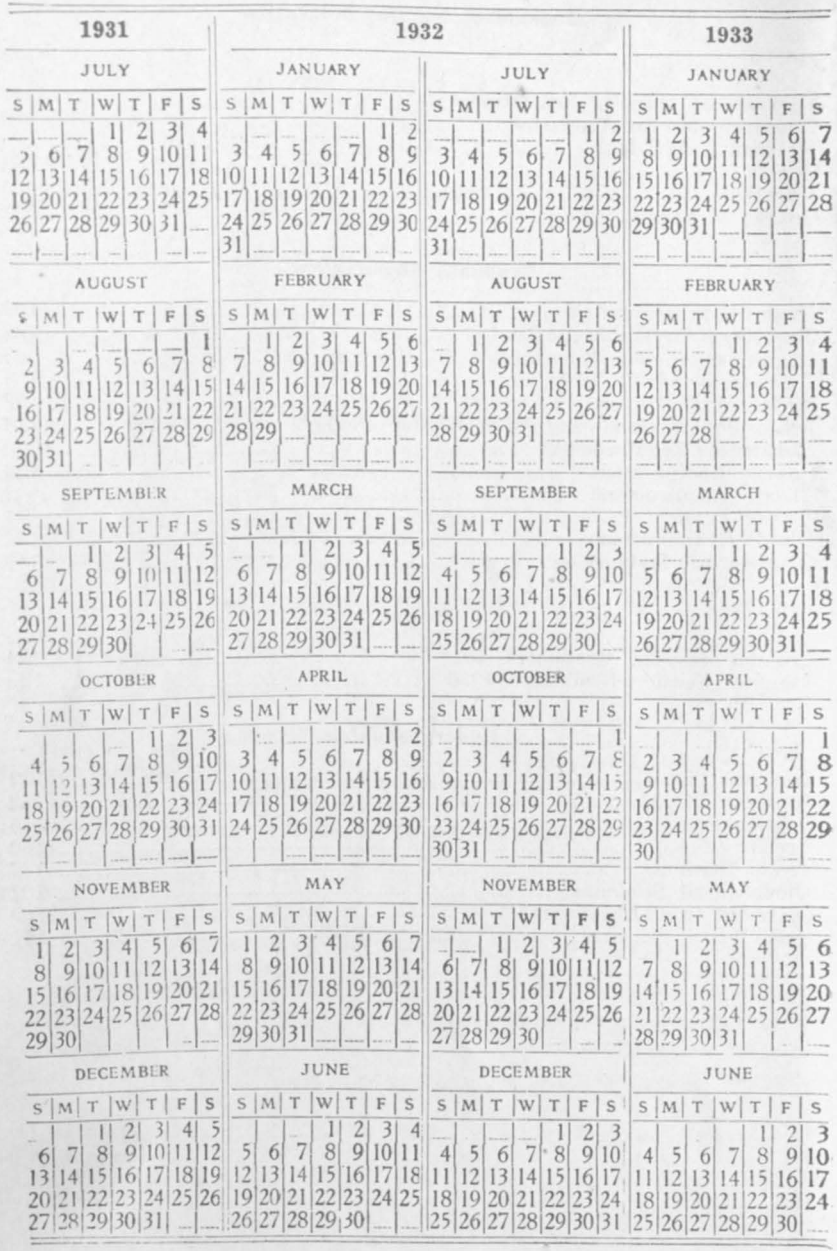

COLLEGE CALENDAR

1931-32

First Semester

September 15, Tuesday	Dining Room Opens
September 16, Wednesday	First Semester Begins
September 16–19	Registration and Payment of Fees
September 16–17	Entrance Examinations
September 21, Monday, 7:30 a. m.	Classroom Work Begins
November 11, Armistice Day	Holiday
November 26, Thanksgiving Day	Holiday
December 25, Christmas Day	Holiday
January 21, 22, 23	First Semester Examinations
January 23	First Semester Ends

Second Semester

January 25	Second Semester Begins
February 22, Washington's Birthday	Holiday
April 21	San Jacinto Day
May 23, 24	Examinations for Seniors
May 26, 27, 28	Second Semester Examinations
May 29, Sunday	Baccalaureate Sermon
May 30, Monday	Commencement Day

Summer School

June 6, Monday	Summer School Begins
July 4, Independence Day	Holiday
August 10, 11, 12	Summer Term Examinations
August 13	Summer Term Ends

BOARD OF DIRECTORS

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Term Expires 1933

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G. R. WHITE ..... Brady

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Term Expires 1937

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W. T. MONTGOMERY ..... San Antonio
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J. K. WALKER, *Supervising Engineer*

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M. E. Suarez, *Dean of Women.*
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G. W. Buchanan, *Manager, College Exchange.*
Napoleon B. Edward, B. S., *Executive Secretary and Publicity Agent.*

OFFICERS OF INSTRUCTION

DIVISION OF ARTS AND SCIENCES

(With Teacher Training Department)

Professors

J. Henry Alston, A. B., A. M., *Director, Division of Arts and Sciences.*
A. B., Lincoln, Pa., M. A., Clark (Mass.); Graduate Studies, Chicago.
F. A. Jackson, M. A., *Economics.*
A. B., Atlanta; M. B. A., New York.
Henry A. Bullock, M. A., *Sociology.*
A. B., Virginia Union; M. A., Michigan.
James E. Pierce, A. B., *History.*
A. B., Toledo; one year graduate work, Ohio State.
Rufus P. Perry, M. S., *Chemistry.*
A. B., Johnson C. Smith; M. S., Iowa.
Harvey G. Dickerson, M. S., *Biology.*
B. S., Ohio; M. S., Iowa.
Earl L. Sasser, A. M., *English.*
A. B., Shaw; A. M., Cornell.
Albert W. Randall, A. M., *Mathematics.*
A. B., Alcorn; A. M., Colorado.
Charles E. Carpenter, M. L., *Romance Languages.*
B. L., California; M. L., California.
Mack T. Williams, B. D., *Philosophy, Chaplain.*
A. B., Roger Williams; B. D., Oberlin; Graduate Student, Chicago.
Oscar A. Fuller, Jr., A. B., *Music.*
A. B., Bishop College; Student, New England Conservatory.

Associate Professors

Gladys E. Brown, A. M., *Education, Supervisor of Teacher Training.*
A. B., Nebraska; A. M., Howard.
George W. Reeves, A. M., *Education.*
A. B., Atlanta; A. M., Michigan.
Edwyna H. Randals, A. M., *Education.*
A. B. and A. M., Southern California.
Paul E. Bledsoe, A. B., *Education.*
A. B., Talladega; Ph. B., Central.
John D. Bell, A. M., *English.*
A. B. and A. M., Kansas.
William L. Donley, M. S., *Chemistry.*
A. B. and M. S., Detroit.
Maurice Jones, B. S., *Physics.*
B. S., Illinois.

Ruth I. Clark, A. B., *English.*
A. B., Kansas.
Sam B. Taylor, B. S., *Physical Education and Coach.*
B. S., Northwestern.
*Mabel J. Lucas, B. S., *Chemistry.*
B. S., Michigan.

Assistant Professors

W. A. Perry, A. B., *Education.*
A. B., Johnson C. Smith; One year graduate work, Iowa.
Altheda B. Moore, A. B., *English.*
A. B., Iowa.
J. Mercer Johnson, A. B., *English.*
A. B., Clark; Graduate Student, Colorado.
Virginia R. McDonald, B. S., *Education, Assistant Supervisor, Training School.*
B. S., Pittsburgh.
Hamilton J. Brown, A. B., *Chemistry.*
A. B., Atlanta.

Instructors

Marie J. Davis, B. S., *History.*
B. S., Prairie View; Graduate Student, Colorado.
Emma Jean Mosby, B. S., *Languages.*
B. S., Kansas.
Clara E. McMillan, B. S., *History.*
B. S., Prairie View; Graduate Student, Colorado.
Gertrude Turner, B. S., *English.*
B. S., Ohio State.
Susie E. Pinckney, B. S., *Education.*
B. S., Des Moines; Graduate Student, Drake U.
Henrietta Brogwell, A. B., *Education, Demonstration Teacher, Elementary Practice School.*
A. B., Pittsburgh.
Julia A. Greene, B. S., *English.*
B. S., Prairie View; Graduate Sudent, Colorado.
W. M. Booker, A. B., *Chemistry.*
A. B., Moorehourse; Graduate Student, Iowa U.
Florence Hickman, *Physical Education.*
Colorado State Teachers' College.
E. E. Byais, B. S., *Biology.*
B. S., Bishop; Graduate Student, Colorado.
Matilda Morris, Diploma, *Commercial Studies.*
Diploma, Michigan Normal.
Clarissa Lovinggood, A. B., *French.*
A. B., Fisk.

*** Absent on leave, year 1930-31, General Education Board Fellow.**

Anna L. Campbell, B. S., *English.*
B. S., Bradley.
Mabel Bullock, *Music.*
Howard University.
Leah M. Minor, *Music.*
Spelman College; McPhail; St. Frances DeSales.
Arthur P. Hayes, *Military Science and Dean of Men.*
Columbia University.
Theresa W. Washington, B. S., *Critic Teacher.*
B. S., Minnesota.
J. Adelaide Walker, A. B., *Education.*
A. B., Atlanta.
*A. Logan Griffin, B. S., *Education.*
B. S., Ohio State.

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* On leave of absence studying at Ohio State University, 1930-31.

DIVISION OF AGRICULTURE

L. A. Potts, B. S., *Director.*
B. S., Iowa State College; Graduate Student, Cornell U.
Edward B. Evans, D. V. M., *Veterinary Science.*
D. V. M., Iowa State College, Graduate Student, Iowa State College.
Church H. Banks, B. S., *Vocational Education.*
B. S., Hampton Institute, Prairie View State College.
S. H. Settler, B. S., *Farm Crops and Soils.*
B. S., Kansas State Agricultural College; Graduate Student, Ibid.
J. M. Alexander, M. S., *Animal Husbandry.*
B. S., Prairie View State College; M. S., Iowa State College.
J. C. McAdams, B. S., *Itinerant Teacher-Trainer.*
B. S., Hampton Institute.
Walter L. Webb, B. S., *Farm Management and Truck Gardening.*
B. S., Hampton Institute.
E. L. Fair, B. S., *Animal Husbandry.*
B. S., Prairie View State College.
H. M. Kent, B. S., *Rural Sociology.*
B. S., Illinois.

DIVISION OF HOME ECONOMICS

Elizabeth C. May, B. S., *Director.*
B. S., Kansas State Agricultural College; One Year Graduate Work, Chicago.
E. J. Anderson, B. S., M. S., *Child Care.*
B. S., Kansas; M. S., Kansas.
Nellie B. Dillon, B. S., *Vocational Education.*
B. S., Prairie View State College; Graduate Student, California.
Irene Pride, B. S., *Foods.*
B. S., Kansas State College.
*D. S. Dent, *Clothing.*
Ohio State.
Elcena F. Martin, B. S., *Clothing.*
B. S., Prairie View State College; Graduate Student, Chicago.
Ophelia C. Hubert, B. S., *Foods.*
B. S., Hampton Institute.
Mary I. Moore, A. B., *Handicraft.*
A. B., Fisk
**Mercedes V. Shute, *Foods.*
Colorado State Teachers' College.
*Myrtle Hibbler, B. S., *Clothing.*
B. S. in H. E., Iowa University.

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* On leave of absence studying at Columbia University.
** On leave of absence studying at Kansas State Agricultural College.

Margaret Burns, Ph. B., *Foods.*
Ph. B., Chicago.
Grace L. Smith, B. S., *Clothing.*
B. S., Kansas University.

DIVISION OF MECHANIC ARTS

J. J. Abernethy, B. S., *Director.*
B. S. in M. E., Kansas State Agricultural College.
C. L. Wilson, B. S., M. E., *Mechanic Arts*
B. S., in M. E., Kansas State Agricultural College; M. E., Ibid.
W. T. Daniels, B. S., *Mechanic Arts.*
B. S. in C. E., Arizona University.
F. G. Fry, B. S., *Chief Engineer.*
B. S. in E. E., Kansas State Agricultural College.
D. W. Martin, B. S., *Electrical Engineering.*
B. S., Prairie View.
A. V. Muckleroy, B. S., *Tailoring.*
B. S., Prairie View.
N. A. Jones, Machine Shop.
Langston University.
H. T. Farrell, B. S., *Laundering.*
B. S., Prairie View.
William Cook, *Printing.*
Prairie View.
Charles G. Oler, *Printing.*
Prairie View.
Sadie A. Johnson, *Printing.*
Prairie View State College.
R. F. Johnson, *Shoemaking.*
St. Louis Training School; Prairie View State College.
A. G. Cleaver, *Broom and Mattress Making.*
Prairie View State College; Tuskegee Institute.
T. H. Brittain, *Carpentry.*
Tuskegee Institute.
Edward J. Johnson, *Auto Mechanics.*
Prairie View State College.
A. J. Wallace, *Carpentry.*
Prairie View State College.
William Muckleroy, *Plumbing.*
Tuskegee Institute; New York Trade School.
D. F. Dailey, *Blacksmithing and Wheelwrighting.*
Prairie View State College.

DIVISION OF NURSING EDUCATION

John M. Franklin, M. D., *Resident Physician and Training School Director.*
M. D., Meharry.
H. E. Lee, M. D., *Associate in Surgery.*
M. D., Meharry.
E. A. Martin, M. D., *Gynecology.*
M. D., Meharry.
Wm. A. Hammond, M. D., *Chief, Eye, Ear, Nose and Throat.*
M. D., Meharry.
H. D. Patton, M. D., *Interne.*
M. D., Meharry.
O. J. Moore, M. D., *Interne.*
M. D., Meharry.
Alvin K. Smith, A. B., D. D. S., *Dentist.*
A. B., Fisk; D. D. S., Meharry
E. E. Patterson, Ph. G., *Pharmacist and Clerk.*
Ph. G., Meharry.
M. S. Brannon, R. N., *Superintendent of Nurses.*
Diploma, Tuskegee; Graduate Student, Minnesota.
Lillian F. Langford, R. N., *Assistant Superintendent and Surgical Supervisor.*
R. N., Prairie View State College.
B. Y. Countee, R. N., *Head Nurse.*
R. N., Meharry; Graduate Student, Colorado State Teachers' College.

OFFICES OF ADMINISTRATION

PRINCIPAL'S OFFICE

Napoleon B. Edward, B. S., *Executive Secretary.*
B. S., Western University.
Youra Qualls, *Stenographer.*
Elicker's School of Business.

LIBRARY

Gertrude Williams, *Librarian.*
Atlanta University.
Bertha A. Procella, B. S., B. S. L. S., *Assistant Librarian.*
B. S., Prairie View; B. S. in Library Science, Hampton.

DEPARTMENT OF WOMEN

M. E. Suarez, *Dean of Women.*
Hampton; Special Work at Columbia.
Estella M. Greene, *Matron.*
Prairie View State College.

DEPARTMENT OF MEN

Captain Arthur P. Hayes, Infantry-Res. U. S. Army, *Dean of Men and Professor of Military Science and Tactics.*
Columbia University.
G. C. Colvin, *Night Watchman.*
Texas College.

COLLEGE EXCHANGE

G. W. Buchanan, *Manager.*
Bishop College; Prairie View State College.
J. H. Raibon, B. S., *Bookkeeper-Clerk.*
B. S., Prairie View State College.
Pauline W. Henry, B. S., *Commissary Clerk.*
B. S., Prairie View State College.

REGISTRATION

Dominion R. Glass, A. B., *Registrar.*
A. B., Atlanta University; Graduate Student, Harvard.
John N. Southern, A. B., *Assistant Registrar.*
A. B., Butler College.

Arzelia M. Jones, *Stenographer.*
Sumner College.
Rubye L. Rush, B. S., *Transcript Clerk.*
B. S., Prairie View State College.
James R. Shannon, A. B., *Clerk.*
A. B., Samuel Huston.

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Samuel Huston College.
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B. S. in C E., Rhode Island State College.
I. A. Reese, *Inventory Clerk.*
Prairie View State College.
Christopher C. House, B. S., *Disbursement Clerk.*
B. S., University of Kansas.
Lavaughn C. Mosley, B. S., *Cashier*
B. S., Prairie View State College.
Perry V. Renfroe, B. C. S., *Bookkeeper.*
B. C. S., Kansas Wesleyan College
Cecil R. Hall, B. S., *Assistant Cashier.*
B. S., Bluefield Institute.
Sam B. Taylor, B. S., *Inventory Clerk.*
B. S., Northwestern.
O. Wendell Shaw, *Stenographer.*
Paragon Institute; LaSalle University.
W. J. Ross, A. B., *Clerk.*
A. B., Fisk.

SUBSISTENCE DEPARTMENT

C. S. Wells, *Acting Manager*
Tuskegee Institute.

OTHER EMPLOYEES

E. L. Smith, *Stenographer-Clerk.*
Hampton Institute.
Fleta G. Sparks, *Laundering and Dry Cleaning.*
Guadalupe College; Bishop College; Prairie View State College.
F. G. Rhone, *Truck Foreman.*
Prairie View State College.
Roby W. Hilliard, B. S., *Postmaster.*
B. S., Prairie View State College.

St. Clair Burris, *Stenographer-Clerk.*
Clark University; Williams Business College.
George F. Jones, *Chief Clerk.*
Tillotson College.
Armie L. Jones, *Chief Telephone Operator.*
B. S., Prairie View State College.
Gladys P. Shields, *Assistant Telephone Operator.*
Prairie View State College.
Roland Adams, *Repair Foreman.*
Prairie View State College.
I. J. Collier, *Construction Foreman.*
Prairie View State College.
A. I. Watson, *Assistant Engineer.*
Prairie View State College.
T. E. Neal, *Assistant Engineer.*
Langston University.
Andrew E. Charleston, B. S., *Assistant Engineer.*
B. S., Prairie View State College.
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J. M. Colter, *Baker.*
Tuskegee Institute.
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Julia E. Godron, *Matron and Checker—Teachers' Dining Room.*
Tuskegee Institute.
Mrs. J. L. Haynes, *Dining Room Matron.*

EXTENSION SCHOOLS

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SAN ANTONIO

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A. B., Fisk; A. M., Kansas
GALVESTON and HOUSTON

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B. S., Prairie View; A. M., Columbia
BEAUMONT and JASPER

Kelley M. Stewart, B. S.
B. S., Prairie View; One year Graduate Work, Columbia
NACOGDOCHES

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B. S., Penn State
*Mrs. M. E. V. Hunter, B. S., *State Home Demonstration Agent*
B. S., Prairie View
Mrs. I. W. Rowan, *Acting State Home Demonstration Agent*
H. S. Estelle, *District Agent*
**Mrs. L. M. Richardson, *Stenographer*

COMMITTEES ON ACADEMIC PROGRAM

College Calendar

Registrar Glass, Chairman; Dean Suarez; Captain Hayes; O. A. Fuller; G. F. Jones.

College Catalog

Registrar Glass, Chairman; Treasurer Lewis; Director Potts; Director Franklin; Director Abernethy; Director May; Director Alston.

Discipline-Student Relations

Captain Hayes, Chairman; Dean Suarez; N. B. Edward.

Extension Schools (Extra-mural Courses)

Registrar Glass, Chairman; Director Potts; Director Abernethy; Director May; Director Alston.

Graduation and Classification

Dr. Evans, Chairman; Director Potts; Registrar Glass; Director Franklin; Director May; Director Abernethy, Director Alston.

Library Committee

Professor Bullock, Chairman; Professors Alexander, Wilson, and Sasser; Miss G. Williams; Miss Procella; Mrs. Dillon.

* Studying at Iowa A. & M. College on Rosenwald Fellowship.
** Deceased.

Registration Committee

Dr. Evans, Chairman; Registrar Glass; Director Alston; Mr. Perry; Director Potts; Director May; Director Abernethy; Director Franklin; Dean Hayes; Dean Suarez; Treasurer Lewis; Mr. Muckelroy.

Text Books

Director Potts, Chairman; Director Alston; Mr. Buchanan; Director Abernethy; Director May.

Vocational Guidance

Director May, Chairman; Director Abernethy; Mr. Buchanan; Director Alston.

HISTORY OF PRAIRIE VIEW STATE COLLEGE

August 14, 1876 an act of the Fifteenth Legislature of Texas to establish an A. & M. College of Texas for the benefit of Negroes.

Kirby Hall, erected prior to 1860, two story frame building formerly housed various college departments but now used to house some employees and their families.

Act providing for organization and support of a Normal School in Waller County, April 19, 1879.

L. M. Minor, first principal, 1876-1880, died 1880.

E. H. Anderson, second principal, 1880-1884, died 1884.

L. C. Anderson, third principal, 1884-1896.

Old Agricultural Building, two story frame building, erected 1890 at cost of $3,000.

E. L. Blackshear, fourth principal, 1896-1915.

Old Frame, two story frame dormitory for women, erected 1895, at cost of $35,000, remodeled 1924.

Administration Building, three story brick, erected 1889 at a cost of $35,000, remodeled 1924.

Act changing name from Normal School for Colored Teachers at Prairie View to the Prairie View State Normal and Industrial College, June 6, 1899.

College department established by act of Legislature, March 28, 1901.

Foster Hall, three story brick dormitory for men, erected 1906 at a cost of $15,000.

Luckie Hall, three story brick dormitory for men, erected 1909 at a cost of $25,000.

Annex Building, two story frame dormitory for women, erected 1912 at a cost of $2,000.

Crawford Hall, three story brick dormitory for women, erected 1912 at a cost of $15,000.

Repair Shop, one story steel and frame structure, erected 1912.

Auditorium and Dining Hall, erected 1911 at a cost of $20,000.

New Frame, two story frame dormitory for women, erected 1916 at a cost of $4,000.

Minor Hall, three story fireproof brick women's dormitory, erected 1916 at a cost of $55,000.

Household Arts Building, three story fireproof brick, erected 1916 at a cost of $55,000.

Power and Ice Plant, one story fireproof brick, erected 1916 at a cost of $35,000.

Laundry, two story fireproof brick structure, erected 1916 at a cost of $30,000.

Spence Building, three story fireproof brick, housing division of Agriculture, erected 1918 at a cost of $60,000.

Canning Plant, one story fireproof brick, erected 1923 at a cost of $2,500.

Veterinary Hospital, one story brick, erected 1925 at a cost of $15,000.

College Exchange, two story brick building, erected 1924 at a cost of $14,000.

Science Building, three story fireproof brick building, erected 1924 at a cost of $70,000.

Elementary Training School, Rosenwald design, one story brick, erected 1925 at a cost of $9,000.

Practice Cottage, two story frame structure, erected 1925 at a cost of $5,000.

Music Conservatory, two story frame structure, erected 1925 at a cost of $3,000.

Blackshear Hall, two story brick dormitory for women, erected 1926 at a cost of $36,000.

Woodruff Hall, two story brick dormitory for men, erected 1926 at a cost of $36,000.

Dairy Barn, one story brick structure, erected 1926 at a cost of $14,000.

Store room and Filling Station, one story fireproof structure, erected 1926 at a cost of $28,000.

Evans Hall, three story fireproof brick building, for women, erected 1928 at a cost of $100,000.

Farm Shops Building, one story frame building, erected 1928 at a cost of $1,800.

Hospital, three story fireproof brick building with 50 bed capacity, erected 1929 at a cost of $100,000.

Industrial Engineering Building, a fireproof building erected in 1930 at a cost of $90,000. The plan is T-shaped. The dimensions of the front portion are 35 by 161 feet. There are two stories. On the first floor is located the offices of the Director and his associates, two class rooms, the tailor shop, and the telephone office. The second floor contains four class rooms, two drafting rooms, and one architectural design office. The rear portion is a one story, brick and steel construction and is 236 feet long and 108 feet wide. It houses the following departments: Broom and Mattress, Shoemaking, Electrical Repair, Carpentry and Woodworking, Printing and Linotype Operation, Auto Mechanics and Machine Shop, Brickmasonry and Plastering, Plumbing and Steam Fitting, and Blacksmith and Wheelwrighting.

LOCATION

The College, which is in Waller County, is located one mile north of Prairie View, through which passes the Houston and Texas Central Railroad. Six miles west of the College is the town of Hempstead. A paved road runs from Prairie View to Houston which is the largest city in the State and is a distance of only 45 miles from the College.

Situated on an elevation, the campus commands, in all directions, an impressive view of the rolling prairie. Of the 1,435 acres, 75 comprise the campus which is tastefully laid out with thirty-one main buildings and forty-two teachers' cottages, all of which are interspersed with broad lawns, shrubbery and trees.

The land surrounding the campus is chiefly devoted to Agricultural work.

GENERAL STATEMENT

Requirements For Admission

Admission to all branches of the College is under the control of the Registrar and the Registration Committee.

All communications in regard to admission of students to the College should be addressed to the Registrar, Prairie View State College, Prairie View, Texas.

Admission may be (1) to Freshman standing, (2) to advanced standing, (3) as adult special students, and (4) as irregular students.

The requirements for admission in general imply the student's completion of a four-year accredited high school course, either in the State of Texas, or out of the State.

Applicants for admission to the Freshman Classes should be at least sixteen years of age and must have graduated from an accredited high school and completed satisfactorily the required number of units of preparatory work. Conditional admittance may be gained otherwise as stated below.

A unit is the equivalent of one high school study satisfactorily pursued during one school year of at least thirty-six weeks, on the basis of five recitations a week, of 40 or 50 minutes each. Laboratory courses indicate three recitation periods and two double periods of laboratory work.

All credits for admission must be filed and classified in the Registrar's Office before the student may attain academic status of any kind.

All students entering the Freshman Class are required to take a psychological test and an English test on grammar for the purpose of proper classification.

All students of the college are also required to take a thorough physical examination.

Admission By Certificate

Students may be admitted without examination if they present a certificate of graduation from an accredited high school. This must include a complete, detailed and certified transcript of the student's record and should be on file in the Registrar's Office at least one month before the registration date of the semester in which the student plans to register.

A blank for this purpose will be sent by the Registrar to the Principal of the High School from which the applicant was graduated.

Admission Without Certificate

Applicants presenting the required number of units from a non-accredited high school may be admitted to the Freshman Class only (1) upon the successful passing of an entrance examination given by the College examining committee during the period of registration, (2) by removing the subject matter in which the condition is received, or (3) by both.

Admission To Advanced Standing

Students of other colleges will be admitted to advanced standing in this College under the following conditions: First, a letter of honorable dismissal; second, an official certified statement of the college work already accomplished, showing the length of time in attendance, the descriptive title and length of each course in weeks, the number of recitations or lectures per week, the length of the recitation or lecture, the amount of time per week in laboratory courses, the grade and number of credits received in each quarter or semester.

Work completed at institutions which maintain standards of admission and graduation equal to this College will be credited for an equivalent amount of work in so far as it applies on any course offered in this college and in so far as the applicant does not enter later than the beginning of the senior year.

At least the last 30 semester hours required for a degree must be earned as a resident student in this college, unless (1) the student has earned not to exceed 15 hours of the last 30 semester hours through extension courses given under the auspices of the Extension Division of this College and (2) said student has previously spent at least one year in residence work on the campus of the college.

An official transcript of an applicant's work should be sent to the Registrar not later than a month before the date of the semester in which the applicant plans to register.

Credits will be provisionally accepted, and their final acceptance will depend upon the student maintaining a good average standing for one year.

Admission As Adult Special

Persons at least 21 years of age who cannot fulfill the regular admission requirements for Freshman standing, but who present an equivalent academic training, or who have otherwise acquired adequate preparation for collegiate courses, may be admitted as "adult specials" upon the approval of the Director of the Division in which the applicant desires to enter.

Adult specials are subject to the same regulations as regular students and are not candidates for graduation until they have fulfilled all requirements including those for admission.

A personal interview with an applicant for admission as a special student is desired.

Admission As Irregular Student

Applicants who can meet all requirements for admission, or special students admitted because of mature years, may be permitted to restrict their studies to a special course upon petition to the Registration Committee and the Director of the Division in which the work is to be pursued. Such permission is usually confined to those interested in trade courses.

Subjects Required And Accepted For Admission

Of the units required for admission from high school, certain ones are required while others are elective. The following represents the distribution of these units:

Required—	
English	3 units
Mathematics	2 units
History and Civics	2 units*
Natural Science (with laboratory)	1 unit
Elective—	
Foreign Languages	2 units
Social Studies	1–2 units
Natural Science	2–4 units
Music	1–2 units
Agriculture	1–2 units
Commercial Subjects	1–2 units
Home Economics	1–2 units
Shop Work	1–2 units

* Study of United States and Texas Constitutions.

The Forty-first Legislature has passed a law providing (1) that no student may be admitted to any institution supported by the State without having credit for a high-school course in or passing an examination on the Constitution of the United States and the Constitution of Texas, except on condition; and, furthermore, (2) that no student may be graduated by any such institution who has not passed a college course in these Constitutions.

FOUR-YEAR ACCREDITED NEGRO HIGH SCHOOLS—PUBLIC

August, 1931

Name of School	Location
Booker T. Washington	Dallas
Charlton-Pollard	Beaumont
Douglass	San Antonio
Anderson	Austin
Central High	Galveston
Booker T. Washington	Houston
Jack Yates	Houston
Lincoln	Port Author
Dunbar	Texarkana
Moore	Waco
I. M. Terrell	Fort Worth
Gibbons	Paris
Jackson	Corsicana
Dunbar	Mexia
Dunbar	Temple
Hebert (Beaumont)	South Park
Powell Point Training School	Kendleton
Booker T. Washington	Wichita Falls
Brenham Negro High	Brenham
Douglass	El Paso
Camp County Training School	Pittsburg
Fred Douglass	Jacksonville
Cameron Negro High	Cameron
Longview Negro High	Longview
Phillis Wheatley	Houston
Orange Negro High	Orange
Woodland County Training School	Mexia
Smithville Negro High	Smithville
Yoakum Negro High	Yoakum
Georgetown Negro High	Georgetown
Bethlehem Negro High	Bowie County
Denison Negro High	Denison
Jasper Negro High	Jasper
Sherman Negro High	Sherman
Taylor Negro High	Taylor

FOUR-YEAR ACCREDITED NEGRO HIGH SCHOOLS—PRIVATE

Mary Allen Seminary (Academy)	Crockett
Jarvis Christian College (Academy)	Hawkins
St. Philips Junior College (Academy)	San Antonio
Guadalupe College (Academy)	Seguin
Texas College (Academy)	Tyler
Butler College (Academy)	Tyler
Holy Rosary	Galveston

ORDER OF REGISTRATION

Report to:

1. Hospital—Every student must pass a physical examination.
2. Dean of Women—Uniform for girls.
3. Dean of Men—Uniform for boys.
4. Registrar's Office for classification and assignments.
5. Chapel for class assignments and general information.
6. Treasurer's Office for payment of fees, etc. Registration is not complete until all fees are paid. Delay in presentation at Fiscal Office subjects one to the late registration fee and possibly exclusion from the College.
7. Note: Students who are not going to board and lodge in the dormitories must get a special signed permit from the Dean of Men or Dean of Women before going to the Treasurer's Office.
8. Dean of Women or Dean of Men for permanent room assignments.
9. Report to classes as per schedule.

EXPENSES

Tuition is free to all students; the following fees are required of all students, subject to change:

WOMEN—To be paid on entrance:

Matriculation Fees	$28.00
Uniform	12.00
Maintenance, Sept. 15 to Sept 30	9.60
Key Deposit	.50
Laboratory Fee (required of all students who take science)	4.00
Total	$54.10

MEN—To be paid on entrance:

Matriculation Fees	$28.00
Maintenance, Sept. 15 to Sept 30	9.60
Key Deposit	.50
Laboratory Fee (required of all students who take science)	4.00
Total	$42.10

NURSES:

The applicant is required to pay an entrance fee of $79.00. This amount covers the cost of matriculation and laboratory fees, uniform and text books for the first year only. The expense for the second year will be about $24.00 to cover the cost of uniform and books. The third

year will cost about $30.00. Funds to cover the above expenses must be deposited on September 1.

Maintenance is $18.00 a month, due on the first of each month, beginning October 1, 1931.

All young men are required to provide themselves with the regular Army uniform which will cost approximately $30.000. No student will be permitted to enroll without first purchasing a uniform which may be obtained at our College Exchange.

Laboratory Fees

General Chemistry	$4.00	High School Physics	4.00
Organic Chemistry	4.00	College Physics	4.00
Qualitative Analysis	2.00	High School Biology	4.00
Quantitative Analysis	2.00	College Biology	4.00

N. B.—Personal Checks Will Not Be Accepted.

Deductions And Refunds

No deductions will be made for entrance within seven days after the opening of the term, nor will there be any refunds for the last seven days of a term or the last seven days paid for. Registration, incidental, medical and sanitation, lecture and entertainment fees will in no case be refunded.

Tuition For Music

Piano, two lessons a week, $3.00 a month of four weeks, including use of piano for practice.

Voice, two lessons a week, $3.00 a month of four weeks, including use of piano for practice.

Fees For Certificates And Deplomas

Trade Certificates are issued upon payment of $1.00 (optional).
Cost of College Diploma and degree is $7.50 (optional).
State Certificates, $1.25.

Extra Examination Fee

A fee of $1.00 will be charged for all deficiency and extra examinations, effective September 1, 1931.

Change In Schedule Fee

After schedule has been approved by the division in which the student is taking his work a charge of $1.00 will be made for each subject changed.

Board or Maintenance

Maintenance for each successive month, payable strictly in advance, is $18.00. This amount falls due on the first of each month and those who do not meet their dues promptly are subject to suspension. The following regulation is rigidly enforced:

> "All students who fail to settle their obligations to the College by the 10th of each month and whose names appear on the delinquent list will be assessed a DELINQUENT FEE of $1.00. In addition to the fee, he will be dropped from classes and will be required to withdraw if settlement is not made by the close of business on the 15th of the month."

Late Matriculation

All students who matriculate by September 17, 1931, will pay a matriculation fee of $28.00. After that date, the fee will be $29.00.

Transcript Of Records

Beginning with September, 1931, it shall be the policy of the institution to supply the student with one transcript of his record free, with a charge of $1.00 for each additional transcript which he may desire.

Important Directions

The attention of the prospective student is directed to the following important matters contained in this catalog:

1. Please read carefully "Requirements for Admission."
2. Study the College Calendar.
3. An estimate of the expenses may be found under general expenses. The prospective student should read this carefully.
4. A student will find under the course of study an outline of the work required for graduation.
5. No student is permitted to make a deposit for a certificate or diploma until all other fees have been paid.
6. Old and new students planning to enroll should first write the Registrar requesting an application blank to make application for entrance before coming to the College.
7. Students are required to use the edition of text books adopted by the Committee on Text books. These text books may be purchased after arrival at the College.
8. All students are reqiured to present health certificates on entrance to the health officer of the College.
9. To obtain a diploma, a student must satisfactorily complete the course of study undertaken and must have spent at least a year in residence at the College.
10. All students should bring with them four sheets, three pillow

cases, one pillow and sufficient bed covers as rooms are inspected daily.

11. Parents are earnestly requested to send money for students' accounts directly to C. W. Lewis, Local Treasurer, Prairie View State College, Prairie View, Texas. Money should be sent by registered mail or express money order, or bank draft. PERSONAL CHECKS WILL NOT BE ACCEPTED.

12. Students should come to the College with sufficient funds to pay all fees for one month in advance and with sufficient additional amount to cover the cost of books, stationery and incidentals. The Board of Directors has established a College Exchange on the west side of the campus where students can purchase books, stationery, and supplies at reasonable prices. All students should add to necessary expenses about $12.00 for books for the first semester.

HOW TO REACH PRAIRIE VIEW

Several days before leaving home students should inform their nearest railroad agent that Prairie View Station is in Waller County on the main line of the Houston & Texas Central Railway, and find out from him the best route to reach it. They should also find out what day and on what trains they plan to reach Prairie View, notifying the Principal of the school.

TEACHERS' CERTIFICATES

Freshman Class.—The Texas school law provides that those who complete the work of the freshman class in a teachers college of Texas, including six semester hours in English, six semester hours in Education, and eighteen semester hours in at least two other subjects, may receive an elementary certificate valid for four years. The work is largely elective, but those who desire an elementary certificate must include in the work Education 112. As stated above, credit for work done in other accredited colleges is allowed, but when a student has done in this institution fewer than fifteen hours' work with an average of "C", recommendation for a certificate must be secured from the institution in which the other college work was done.

The four-year elementary certificate authorizes the holder to contract to teach in grades one to seven inclusive of any public school of Texas.

The two-year high school certificate authorizes the holder to contract to teach in any public school of Texas with the exception of the high school department of first and second-class schools.

Sophomore Class.—The completion of the work of the sophomore class in any teachers college of Texas entitles the students to a permanent elementary certificate, or a high school certificate valid for four years, depending upon the courses pursued. The general requirements for the sophomore certificate are as follows:

English, 12 hours.
Elective, 36 hours (see degree requirements).
Physical Education, 4 terms of eighteen weeks each.

Those who desire the permanent elementary certificate must meet the requirements of the special elementary curriculum and must meet the minimum residence requirement of two terms of eighteen weeks each regardless of the credit they may have transferred from other institutions.

Those who desire the four-year high school certificate must include in their work Education 213C, 223C. The holder of the four-year high school certificate is authorized to contract to teach in any department of any public school of Texas.

Junior Class.—Those who complete the work of the junior class may be recommended for a six-year high school certificate of the first class, provided this work includes three courses in Education, one course bearing upon training for high school teaching, and provided further, there must be included thirty-six clock hours of practice teaching.

Senior Class.—Those who receive the bachelor's degree may also receive a permanent high school certificate provided they have included in their work four courses in Education with at least two courses bearing upon high school teaching and study of methods and obseravtions. Education 303t, Practice Teaching, is also required of all who receive the permanent high school certificate.

Extension of Certificate.—The amended certificate law of Texas provides that the holder of a valid certificate of any kind, class, or grade, may have this certificate extended for a period of one year by doing nine term-hours' work (six semester hours) during the summer immediately preceding the date of expiration of the certificate.

The law does not specify the subjects which may be taken, hence, the student desiring extension may schedule any work to which his classification entitles him. Those who desire extension but who are not entitled to college admission may secure the extension by doing work in the second year class of the state teachers college. The requisite amount of work may be done in a term.

A certificate may be extended a second, third, or any number of times.

In order to secure this extension, the student must leave with the registrar his certificate together with a fee of one dollar and twenty-five cents to be sent to the State Department of Education with the certificate and a statement of the work done. The extended certificate will be mailed to the owner by the Department.

College work done to secure the extension of a certificate is counted toward another certificate and toward a degree.

Classification

Students who have credit for thirty-two hours are classified as sophomores; those having sixty-four credit hours are classified as juniors; and those having ninety-six hours' credit are classified as seniors. One hundred twenty-eight are required for a degree.

Conflicts

No student will be permitted to carry conflicting subjects. If a student has a conflict he will be held responsible for not reporting same immediately to the director of the Division in which he is pursuing his work.

Adding And Dropping Courses

After the first registration for the session, a student may add a course only with the approval of his director. No course may be added after the tenth working day of any semester. Adds and drops must be attended to in person and not by mail or a friend.

A student who drops a course after the first ten days of either term for any cause other than withdrawal from the College, is, at the discretion of the director, given an E in the course for the term.

To drop a course officially requires the consent of the student's director; to drop a course unofficially (and persistent absence from class amounts to dropping) means to sever one's connection with the College.

For good cause, a student may drop a course with the consent of his director but the total number of hours must not become less than twelve.

Assignments

No student may be enrolled in class in any subject before receiving an assignment card, and no assignment is complete until it is approved by the student's classifying officer and stamped by the College Treasurer. Classes are closed when the limit as to numbers is reached. A student is not assigned any subjects later than seven days after the opening of school without special permission from the Registration Committee.

A student desiring assignments to make up deficiencies by outside study must have the written consent of the Committee on Registration.

Special English Requirement

All seniors are required to pass a standard test in English grammar before they will be approved for graduation. Classes in English Drill are formed for those students who fail to pass this first test. A carefully prepared drill in English fundamentals is required of each student until he successfully passes a standard test.

Study Of Constitutions Required

The Forty-first Legislature, at its Second Called Session, passed the following law:

"Section 2. (As amended by Fouth Called Session.) There shall be given in all colleges and universities supported by public funds a course in American government with special emphasis upon the Constitutions of the United States and of Texas, which course shall be given for at least three fifty-minute periods per week for not less than twelve consecutive weeks, or its equivalent if given in summer sessions. No student shall be graduated from any such college or university who has not passed a satisfactory examination in such college or university course in the college or university from which he is graduating or in some other college or university which he may have attended previously.

"Section 5. (As amended by Fourth Called Session). . . Provided, however, that the terms of this bill shall not be applied to, or affect, any student who commenced his studies leading to a degree, in any of the State institutions with the required credits prior to the time this bill was enacted into a law (February 14, 1930), or to any student, who, on or before September 1, 1929, had credits for at least half the work required for a bachelor's degree."

Thesis Requirement

All candidates for the Bachelor's Degree must produce a thesis or Essay on some practical topic or project in the field of the major subject. The Essay should be well written and must demonstrate a reasonable mastery of the essentials of English composition and the subject discussed. The Essay must be typewritten double-spaced on plain white bond paper. The Essay or Thesis must be approved by the head of the department (under whose advise it has been written) and two copies, original and first carbon, filed in the Director's Office not later than April 15 of the academic year in which the degree is to be conferred. Candidates for the degree at the Summer School convocation must file their thesis before July 15.

Course Numbers

The numbers used for designating courses are uniform for all divisions and departments of the college. Reckoning from left to right the first arabic numeral following the name of the subject indicates the year in which the course is to be given; the second numeral indicates the semester, and the third numeral indicates the semester credits.

another examination in that subject and must take that semester's work over to secure credit for it.

The student must make application to the Registrar for a condition examination just as in the case of postponed examinations. This permission must be filed in the Director's Office on the days specified on the schedule and the Director will notify the teacher to give said examination.

Reports And Conferences

Semester Reports From The Registrar.—Reports are sent out to parents and guardians at the end of each semester for all students in the College. Self-supporting students over 21 years of age, if they request it in writing, may have their reports sent to them instead of to their parents.

Intra-Semester Reports.—On November 1, December 15, March 19, and May 1, reports are sent for students doing work below the passing grade (C), both to the students themselves and to their parents and guardians. Failing grades reported at the intra-semester periods represent the average grade to date of the student in the given cours.

Reports.—Reports on the scholarship standing of students are made three times a semester, on November 1, December 15, at the end of the first semester, and on March 19, May 1, and at the end of the second semester. In this way parents are informed fairly frequently of the scholastic progress of their children. At intra-semester dates only failing grades are ordinarily reported. The semester reports give the grades made by the student in all his courses. Intra-semester reports are sent to the student and parents by the dean; semester reports are sent to the parents by the Registrar.

Conferences.—The Directors will confer with all students in the College who are doing unsatisfactory work, both at the intra-semester dates and at the end of the semester. The object of these conferences will be to advise with the studnt for his improvement, to offer him opportunity for renewed effort with such assistance as parents and instructors may be able to furnish, and to encourage or to warn him as the case may demand.

Failures.—The College has prescribed a certain minimum of work which a student must pass at the intra-semester dates and at the end of the semester or be dropped from the College. Before a student is droppd from the College for failure in work he will be given two trials or chances, called respectivey "special observation" and "final trial." This will not apply to a student who fails in all his courses. In such case, if the failure occurs at the end of the semester, the student must withdraw from the College for the remainder of the session.

Special Observation.—The first failure of a student to pass in the required minimum of work will place such student under special observation, which is a sort of first warning to both student and parent or guardian that the student is doing unsatisfactory work. Failure to pass in the required minimum of work at any time during the two semesters in attendance succeeding the first day of special observation puts the student on final trial. Sometimes the first failure is so serious that the parents are advised to withdraw the student at once from the college. Immediate withdrawal after serious failure often enables the student to make other arrangements for his education without loss of time. A student on special observation who withdraws from the college, upon re-entry during the same Long Session is put on final trial. A student on special observation whose score cannot be determined because of postponed examinations, will be put on final trial.

Final trial will be for a definite period, during which the student, while still in attendance upon his classes, must show marked improvement in his studies, in default of which his connection with the College will terminate with the period.

Class Attendance.—The College expects, and has a right to expect, that a student on special observation or final trial will attend classes with unfailing regularity, will be very punctual in reports and other written work, and will make every effort to show marked improvement in his courses. A failing student unwilling to put forth every effort to keep up with his classes should be withdrawn from the College.

In case of illness or other imperative reasons for absence, a student should file a written explanation of each absence with the dean to be entered upon his record card.

Return After Failures.—A student scholastically dropped from the College by reason of failure in work may register again, if dropped during the Long Session, not earlier than the next Summer Session, or the beginning of the next Long Session. A student scholastically dropped at the end of the second semester may register in the next term of the Summer Session, but not in the next Long Session earlier than the second semester, except as provided under the required minimum of work rule.

A student who has been forced to withdraw by reason of failure in work will be permitted to register again in good scholastic standing if he has remained continuously out of school as long as four semesters of the Long Session.

The foregoing requirements and the rules governing special observation and final trial apply to all students, and the director is without discretion except in the case of mature students over 25 years of age.

Reports Of Grades

Teachers are required to report within four days after the close of any semester or summer session class tickets for all students in their classes with the grades earned by each, recorded on the card. Condi-

tion or failing grades are to be recorded in red and all passing grades are to be added in dark blue or black.

In addition to the cards, teachers are required to pass to their directors, on blanks furnished, duplicates of all grades furnished the Registrar.

In the case of seniors who are candidates for graduation at either the regular session or summer the grades are due, in the Registrar's Office, within two days after the close of the examination period.

Final examinations are required and the graded papers are to be deposited in the Principal's Office.

The Record Books bearing the complete records of all students taught showing dates of absences, withdrawals, and cumulative records are to be deposited with the class tickets in the Registrar's Office.

Grading System

The grade symbols are: A (90-100); B (80-89); C (70-79); D (60-69); and E (Below 60); I (Incomplete). Grades of I and D can become passing grades by completing the work prescribed by the instructor. A grade of I means that some relatively small part of the session's work remains undone because of sickness or other reasons satisfactory to the instructor. E is a failure. Credit for a course in which E is given can be secured only by re-registration and repeating the course. W is given when a student withdraws from class by change or withdrawal card.

Qualitative Requirements

In addition to the 128 semester hours required for graduation each student must have secured a "B" average or above in at least two-thirds of his college work or must present not less than 80 semester hours of work with a grade of "B" or above.

Grade Points

For each grade of "A" the student will receive 3 grade points; for each grade of "B", 2 grade points; for each grade of "C", 1 grade point; for each grade of "D" no grade point. A student must have not less than 208 grade points to be recommended for graduation with a degree.

DEGREES

No honorary degree will be conferred by the College.

No degree will be conferred except publicly and on Commencement Day in May or in August.

All candidates are expected to attend in person the Commencement at which their degrees are to be conferred unless absent for good cause, in which case they will petition the Principal at least one week in advance, giving the reason for absence and providing addresses and postage for mailing diplomas.

No degree will be conferred without a residence in the College of at least two long session semesters or three summer session terms or an equivalent, and the completion in residence of at least thirty semester hours of work counting toward the degree.

At least twenty-four of the last thirty semester hours offered for an undergraduate degree must be taken in the College, but not necessarily in residence.

Of the courses offered for any undergraduate degree, at least six semester hours in advanced courses in the major subject must be completed in residence at the College.

Applying For A Degree

A candidate for a degree should register in the College, and should apply for the degree at the time of registration. Application must be made not later than May 1 for the Long Session or July 1 for the Summer Session.

To apply for a degree the applicant must:

(a) File with his director a "Degree Card." This card will be filled out in the Registrar's Office upon request of the applicant.
(b) Register in the College with his director and must not withdraw before graduation.
(c) Fill out a "Diploma Card" and get his director to sign it.

In advising and registering students, the director and his assistants try to prevent errors. Avoidance of errors is the main purpose of the Degree Card. However, the student himself is expected to remember that graduation is attained according to some one catalog and is expected to study the requirements set forth in that one Catalog and to register in accordance therewith; and he finally registers at his own risk alone.

No second bachelor's degree will be conferred until the candidate has completed at least twenty-four semester hours in addition to those counted toward his first bachelor's degree.

DISCIPLINE

The object of discipline at the College is to secure the best conditions for scholarship and moral conduct. No more restraint is exercised than is required to meet these ends. If it becomes apparent that any student by misconduct or by neglect of studies is doing harm to himself or to others the following penalties may be resorted to: Admonition, probation, suspension of social privileges or rights, suspension of eligibility for athletic or other teams, suspension, and expulsion.

The penalties mentioned above will not necessarily be inflicted in regular gradation but any one will be imposed as the circumstances demand. Cases of discipline are handled by the Discipline Committee.

UNIFORM

WOMEN:

Clothing should be neat, sensible and suitable for school wear. The use of silks, chiffons, georgettes and velvets will not be permitted. The regulation blue serge skirt with plain white blouse is required to be a part of each girl's wardrobe. Each young woman should have at least four white blouses for changing wear. Middies are especially desirable. Dark underskirts and sensible underwear of durable material should constitute the wardrobe rather than those made of lingeries and soft materials.

All are required to dress as the season demands, especially in the matter of underwear and wraps. Parents can help in this matter by supplying clothing appropriate to the season. An umbrella, raincoat and rubbers, as well as a heavy overcoat, are important accessories. Bright colors and plaids in coats should be avoided. A small black hat, with no feathers, colors or ribbons, is desirable.

Only shoes with cuban and Box Heels are allowed. No spike or French Heels allowed. No objection is made to plain silk hose, but flashy, open-work hose with clocks, etc., are prohibited.

Parents should have all requests for extra clothing approved by the Dean of Women before supplying the same.

MEN (Cadets):

All men must provide themselves with the regulation uniforms, whether or not they are members of the Cadet Corps. Each student should have four pair of trousers (khaki); four coats (khaki); four shirts, cotton or woolen O. D.; two pair of shoes, army regulation; two pair of leggins, spiral; two hats, army regulation. The student may have a serge uniform for dress wear but it must be of the regular U. S. Army regulation. These uniforms can be purchased at the College Exchange at a very reasonable price, not exceeding $30.00.

NURSE TRAINING SCHOOL:

When not on duty, nurses may wear simple clothing in keeping with the regulations of the school.

ATHLETICS

The Athletic Department projects two distinct programs, the Varsity or Inter-collegiate program, and the intramural program. The Varsity program includes football, baseball, basketball, track and tennis. The sports are under the supervision of instructors who have been outstanding in their particular fields.

The Intramural sports are largely conducted by students and include tennis, volley ball, basketball, baseball, football, indoor baseball, and track. At the close of the intramural season, there is staged a field day at which all of the classes participate in the various field events. The classes and individuals securing the highest scores reecive trophies.

Recently there has been added to the majors in the Division of Arts and Sciences a major in Physical Education. This means that Prairie View is offering the same kind of training in physical education that students may secure at other first class colleges and universities.

Our physical equipment surpasses that of any similar institution in the southwest, consisting of two football fields, a baseball field, and cinder track, two grand stands, one in use during the football season and the other a modern steel stand of the latest construction, having a seating capacity of 3,500.

The four concrete tennis courts and volley ball courts are the most modern to be found at any institution in the country and tennis is rapidly becoming one of our most popular sports.

The Varsity Clubhouse, located at the west end of the athletic field, adds to the comfort, convenience and protection of our varsity athletes. The building is equipped with modern individual steel lockers, hot and cold running water, supply room and office.

THE ALUMNI AND EX-STUDENT ASSOCIATION

The Alumni Association was organized in 1901. In 1928 the name of this organization was changed to The Prairie View College Alumni and Ex-Student Association. Graduates and all ex-students who have been honorably dismissed from the College are eligible to membership.

The Association meets annually on Saturday before Commencement Sunday and at the end of the regular and summer sessions. A business meeting is held in the morning and an Alumni Program is given in the College Auditorium in the evening.

The officers of the Association are:

Hobart Taylor, President, 409-411 Smith Street, Houston, Texas.

Thomas L. Holley, Vice-President, 1547 East Crockett Street, San Antonio, Texas.

Napoleon B. Edward, Executive Secretary, Prairie View State College, Prairie View, Texas.

R. T. Tatum, Treasurer, 711 Poplar Street, Beaumont, Texas.

STUDENT SOCIETIES AND ORGANIZATIONS

Agricultural Club.—All students interested in agriculture are eligible to membership in the Agricultural Club. The object of the organization is to encourage sound economic thinking and to promote general interest in agriculture. The club meets on the first Monday of each month.

Alpha Pi Mu Honorary Society.—The Alpha Pi Mu Honorary Society is open for men and women of the college who have achieved such record in scholarship as is outlined by the Council. The society in consultation with its faculty adviser, chooses new members on a basis of

the Honor Roll sent out from the office of the Dean. A gold key, presented in the senior year, is the emblem of the society.

Beta Pi Chi.—Beta Pi Chi is an honorary scientific society in which membership is based on high scholarship. The society elects to membership from the sophomore class each year a limited number who give promise of becoming investigators in the various branches of science. A gold key is the emblem of the society.

Sigma Nu Debating Society.—The Sigma Nu Debating Society has been organized to promote the art of debating as a means of stimulating intellectual interests in some of the great questions before the country today.

Dramatics.—The Charles Gilpin Dramatic Club, organized in 1929 by the Department of English, is open to all students of the college. The club aims to offer to its members and co-workers opportunities in the arts and crafts of the theatre: acting, direction, stage lighting, design, costuming, properties, make-up, playwriting, house business, and publicity management.

The Student Publication.—The Panther is the student publication. This paper is published monthly by the students of the college, and carries news in general of student activities as well as feature articles on live topics. All students of the college are eligible to contribute articles to the Panther.

RELIGIOUS INFLUENCES

While no particular demoninational influence is exerted at Prairie View College, the authorities of the institution are thoroughly comitted to the benefits of religious training. A chaplain is regularly elected from the faculty to have charge of religious activities of the College community. Sunday School is held each Sunday morning from 9 a. m. to 10:30 a. m., and at 11 a. m. a sermon by the chaplain or invited clergyman is given in the College Auditorium, attendance upon which is required of all students. In the regular session vesper service is held at 7:00. Student attendance is required at this hour. Regular Prayer Meeting is held every Wednesday night for the benefit of the students.

Among the voluntary organizations maintained in full effectiveness are a Bible training class, Young Men's Christian Association, Young Women's Christian Association, reading clubs and choral societies, and country clubs. There is no doubt that at Prairie View where no particular sectarian tenets are advocated, is the finest opportunity for voluntary and therefore effective Christian activity.

Y. M. C. A.—In the gradual growth of young men there is a constant need of spiritual and moral development which means so much to our civilization. The Young Men's Christian Association is the agent which, in a very large measure, furnishes this spiritual, moral, and physical aid. The physical plant of the Organization is not so developed as to give the best services but plans are being formulated whereby a forty or fifty thousand dollar building may be constructed in which there will be provided music, a variety of games, a swimming pool, and every convenience for the wholesome and harmless recreation for young men. At present a reading room is provided where one can find many of the best magazines and periodicals. Devotional meetings are held once a week and frequently, lectures are given by competent individuals.

Y. W. C. A.—The purpose of the Y. W. C. A. is to unite the women of the institution in loyalty to Jesus Christ. It thus associates them with students of the world for the advancement of the Kingdom of God. A rest room has been fitted up in the handsome Household Arts Building and a piano, victrola, seats and other necessary equipment have been purchased from the profits of the girls' canteen which is operated by the members under the director-teacher. Bible training classes are conducted under the auspices of the association for the training of teachers for Sunday School work. Every afternoon the Y. W. C. A. Reading Room is open for all girls, there being daily papers and magazines of the best type for their information in matters current. The Blue Triangle is a popular sign and serves a great purpose in the lives of the girls in binding them in a bond of Christian sympathy.

HONORS AND AWARDS

The honor list is made up of all students who distinguish themselves in scholarship. The list is posted at the end of each semester and published in the college publications and leading newspapers of the state and country. Students who win three A's in majors, provided they have no grade in minor subjects below B, are assigned to the first group on the honor roll. Those who have won two A's in major subjects and have no grade below B in the other majors and no grade below passing standard in any minor subject will be assigned to the second honor roll. The names of the persons winning honor shall be arranged alphabetically.

Graduation Honors

Students who maintain a standing in the first group on the honor list for a period of six semesters will be graduated "With Great Distinction." Students who maintain a standing in the second group will be graduated "With Distinction," provided that such standing is not less than six semesters.

Special Honors

"Special Honor" may be awarded to the student who distinguishes himself in his major field of concentration. Such honor is awarded

on the recommendation of the department under whose direction the work is pursued.

Annual Prizes

Prizes will be awarded for excellence in scholarship and certain literary attainments.

1. DEWALT MEDAL.—A prize known as the O. P. DeWalt Prize is awarded annually to the individual who excels in debating. The prize was established in 1926.

2. RYAN MEDAL.—A prize known as the James D. Ryan Prize is awarded annually for excellence in Oratory. Prize established in 1926; amounts to twenty-eight dollars.

3. THOMAS MEDAL.—A prize known as the Hobart Thomas Prize is awarded annually in the College Girls' Dramatic Contest.

4. V. G. GOREE MEDAL.—The V. G. Goree Medal with a value of $15.00 is awarded each year at Commencement to that student in the college selected by popular vote of the student body and approved by the Executive Cabinet, who makes the greatest contribution to the college during the year. The students shall cast their vote at the first chapel service in May and the names of the first three candidates shall be submitted to the Executive Cabinet who will select the winner provided that no student who is under discipline or has been under discipline for the year shall be eligible.

5. THE PHI BETA SIGMA PRIZE.—A prize of $10.00 to be known as the Phi Beta Sigma Prize will be awarded the student who has made the greatest contribution to Prairie View State College during a residence of three years. This prize is made possible by those of the faculty who are members of Phi Beta Sigma, a national College fraternity.

DIVISION OF ARTS AND SCIENCES

J. Henry Alston, M. A., Director

The Division of Arts and Sciences has for its objective the provision of the means to a liberal education. The primary purpose of a liberal education is not the accumulation of a mass of factual information, but the development of intellectual proficiencies and capacities, the acquisition of strong and definite intellectual interests, the achievement of intllectually grounded attitudes and points of view. Among the specific attainments which a liberal education should secure are an open mind, freed from bias and prejudice; an eagerness for truth and a willingness to follow it wherever it may lead, regardless of preconceived notions; a critical skepticism which insists upon examining the basis of every belief and testing every proposal before giving it adherence; the ability to recognize a problem, to analyze it into its several elements, and to perceive its various ramifications; the power to discern relationships and to bring an entire situation into clear, perspective; a deep respect for human institutions and conventions, based upon an understanding of the processes of social evolution, together with a fearless willingness to attack them when they have ceased to serve a useful purpose, based upon a comprehension of the changing and dynamic character of social forms; a keen appreciation of the emotional and aesthetic values of life with intelligent standards for judging them; and the ready use of the spoken and written language as instruments of communication.

The Division seeks to interpret modern civilization to the youth who is to play an active role of leadership in the world of today. The liberally educated man may not be a specialist in any field, but he must at least know sufficient of the methods, the problems, and the criteria of science to understand the scientific spirit; he must be sufficiently acquainted with the great movements of history and the social outlook on life; he must have enough of an apprehension of the currents of human thought and the problems of human conduct to have developed for himself a working scheme of values; he must have acquired from reading, study, and experience an appreciation of the best in literature and art; and he must be able to communicate in an intelligent and intelligible fashion with his fellows. The Division of Arts and Sciences offers a wide variety of courses in Bacteriology, Botany, Chemical Engineering, Chemistry, Economics, English, French, Geography, German, History, Home Economics, Journalism, Mathematics, Music, Philosophy, Physics, Physiological Chemistry, Physiology, Political Science, Psychology, Public Speaking, Spanish, Sociology, and Zoology.

The first two years' work, or junior division, affords the student an opportunity to survey some of the general fields of the natural and social sciences, language and literature, and to perfect his use of the tools required in more advanced studies. The junior division is preparatory and serves as a bridge from high school to advanced college work.

It aims to lay a substantial foundation upon which the student may build his professional training, particularly in Law, Medicine, and Dentistry, or proceed to the more intensive work which a liberal education implies. During the last two years of college work, the senior division, a considerable degree of concentration in a major field is required, though ample opportunity is given for cultivating related interests or pursuing studies which do not fall within the field of the student's major.

Degrees

The degree of Bachelor of Arts (A. B.), Bachelor of Science (B. S.), or Bachelor of Science in Education is conferred upon candidates who have completed all prescribed courses and met all other requirements.

Bachelor Of Arts

The degree of Bachelor of Arts is conferred upon all candidates who satisfy all the general requirements for graduation and satisfactorily complete the major work in English, the Social Sciences or Music provided the minor is also in one of these groups.

Bachelor Of Science

The degree of Bachelor of Science is conferred upon all candidates who satisfy all the general requirements for graduation and satisfactorily complete the major work in the Natural Sciences, Mathematics, Physical Education or Music provided the minor work is also done in one of these groups.

Bachelor Of Science In Education

The degree of Bachelor of Science in Education is a technical degree and is conferred on all candidates who satisfy all the general requirements for graduation and satisfactorily complete the major work in Education or Physical Education.

Quantitative Requirement For The Bachelor's Degree

One hundred and twenty-eight semester hours of acceptable work must be completed before the degree is granted. Of the one hundred and twenty-eight semester hours eighty are prescribed and forty-eight are semi-elective. The prescriptions are distributed among the following departments:

A. Departmental Requirements

a. English and Literature ..... 12 semester hours
*b. Education (see state requirements) ..... 24 semester hours
c. Social Sciences (including History) ..... 6 semester hours
d. One Foreign Language ..... 12 semester hours
e. Science or Mathematics ..... 12 semester hours

f. Physical Education or Military Science ..... 8 semester hours
g. Mathematics ..... 6 semester hours

Note—Some work in industrial arts is required in excess of the requirement for the degree or certificate.

B. Major And Minor Requirements

After the Sophomore year every student with the advice of the director and department head selects for his field of concentration or specialization one of the major departments of the school. A "major" at the present time is restricted to the fields of English, Education, Social Sciences, Natural Sciences, Mathematics, Music and Physical Education and consists of an aggregation of not less than eighteen semester hours and not more than thirty. The student must select for his "minor" a subject or field allied to his "major" and consisting of at least twelve semester hours above the sophomore year. Unless he does a decidedly good grade of work in his major, he will not be recommended for graduation.

Selection Of Courses

The only way to become a member of a class is to register for it through the proper registration committee at registration, or, if it be desired to add a course after registration is completed, by petition to the dean of the college or school in which the student is registered. In either case, the instructor gets the student's name by a card sent from the Registrar, and in no other way.

In the Division of Arts and Sciences there is little absolutely prescribed work. For the Bachelor's degree, the aim of the requirements is to make sure that the student does substantial, well-coordinated work in some field of knowledge chosen by himself, and secures at least an introduction to the other more important branches of thought, having at the same time large opportunity for development along lines chosen by himself without restriction.

First and second-year students in the Division of Arts and Sciences, whether candidates for degrees or not, are required, unless specially excused by the registrar before registration, or by the Director of the Division of Arts and Sciences after registration, to take the work laid down for regular freshmen and sophomores. See the section of the Catalog on "Requirements for Degrees." None of the requirements so laid down may be abrogated, and a postponement of any may be secured only for cogent reason on petition to the Registrar before registration, to the Director of the Division of Arts and Sciences before registration.

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* Twenty-four hours in Education are required of candidates for the permanent High School Teachers Certificate to be awarded only with the degree.

Suggested Curricula For B. A., B. S., and B. S. In Education Degrees

FRESHMAN

	First Semester	Second Semester
English	3 hours	3 hours
Education	4 hours	3 hours
Foreign Language	3 hours	3 hours
Physical Education or Military Science	2 or 1	2 or 1
Mathematics	3 hours	3 hours
History	*3 hours	*3 hours
Science	*4 hours	*4 hours

* Students must take one of the two subjects.

SOPHOMORE

English	3 hours	3 hours
Education	3 hours	3 hours
Foreign Language	3 hours	3 hours
Physical Education or Military Science	2 or 1	2 or 1
Natural Science	*4 hours	*4 hours
History	*3 hours	*3 hours
Mathematics	*3 hours	*3 hours
Philosophy	*3 hours	*3 hours

* Students must take two of this group.

JUNIOR AND SENIOR

Major and minors may be selected from one of the following groups: English; Education; Music; Mathematics; Social Science (Sociology, History, Economics); Natural Science (Chemistry, Biology); Physical Education.

DEPARTMENT OF EDUCATION

The aim of this Department is primarily to train teachers for the public schools of the state. Differentiated curricula designed to meet the fundamental needs of primary, intermediate, elementary and high school teachers, are offered. Courses for principals and teachers in service are given in the summer session.

J. Henry Alston, M. A., Chairman

Geo. W. Reeves, M. A.
Gladys E. Brown, M. A.
Edwyna H. Randals, M. A.
P. E. Bledsoe, B. S., Ph. B.
T. W. Washington, A. B.
*W. A. Perry, A. B.
Susie E. Pinckney, A. B.
**A. L. Griffin, B. S. in Ed.
Virginia R. McDonald, A. B.
J. Adelaide Walker, A. B.
*Henrietta Brogwell, A. B.
*Desha Z. Harris, A. B.

Agness B. Rogers, (B. S., 1931) Assistant

* Part of year.
** On leave of absence—January 1 to September 1, 1931.

The courses offered in this department include Methods of Teaching, Observation and Student Teaching, Educational Problems, and Psychology from the point of view of teaching. Students applying for State Teachers Certificates must carry the requisite courses in Education. (See requirements for teachers' certificates.)

Fields

Educational Psychology
Philosophy of Education
History of Education
Methods
Educational Administration and Supervision
Educational Research and Measurements

DESCRIPTION OF COURSES IN EDUCATION

For Primary And Elementary Teachers

EDUCATION 112a.—Freshman Orientation.
The purpose of this course is to help the student make proper adjustments and contacts as he transfers from school and home life to college life. The course will attempt to develop in the student proper attitudes and the right point of view with respect to his social, economic, scholastic, cultural, and spiritual growth. Such topics as the following will be considered: Purpose of college, approach to college life and problems, how to study, function and choice of course, study and choice of vocations, general survey of college work, student and faculty relationships, personal finances, etc. Required of all Freshmen. Two credit hours. First semester.

EDUCATION 112b.—Introduction to Education and Teaching.
An introductory course to education which opens up to the student the broad general field of professional education, and discusses throughly certain fundamental principles of teaching. Required of all Freshmen. Two credit hours. First semester.

EDUCATION 123.—General Principles of Psychology.
A general course introducing the student to certain principles of psychology, but placing particular emphasis on the laws of learning. Required of all Freshmen. Three credit hours. Second semester.

EDUCATION 213a.—Intermediate Methods.
This course includes discussion of the methods of procedure in the teaching of language, nature study, number work, and geography. It embraces methods in the middle grades. Three credit hours. First semester.

EDUCATION 213b.—Primary Methods.
This course includes discussion of the methods of procedure in the teaching of language, nature study, number work and geography. It embraces methods in the primary grades. Three credit hours. First semester.

EDUCATION 223a.—Special Methods in Language, Geography, History and Arithmetic.
A practical survey of modern practices in presenting project and problem method using the unit organization. Three credit hours. Second semester.

EDUCATION 203t.—Observation and Practice Teaching in Elementary Grades.
In this course students make lesson plans, select and organize instructional materials, and teach under the supervision of a critic teacher in the training school. Three to five credit hours per semester. Prerequisite: Education 213a or b. First or second semester.

EDUCATION 223b.—Psychology of the Elementary School Subjects.
An application of the principles and investigations of psychology to the teaching of the common branches. Three credit hours. Prerequisite: Education 123. Second semester.

EDUCATION 313a.—Classroom Management.
A course dealing with the problems of classroom organization and control. Prerequisites: Education 213a and 123. Three credit hours. First semester.

EDUCATION 313b.—Child Psychology.
Fundamental principles of child growth and development. Three credit hours. First semester.

EDUCATION 323rs.—Rural Sociology.
A study of the sociological aspects of the rural school with some emphasis on the relation of the rural school to the community. Three credit hours. See the outline of course of study in the School of Agriculture. For students in the vocational schools. Three credit hours Second semester.

EDUCATION 323g.—The Teaching of Geography.
A professionalized subject-matter course in Geography discussing the procedures and devices used in the teaching of this subject. Three credit hours. Offered in alternate years. Prerequisites: Education 223b and 213a. Second semester.

EDUCATION 413re.—Rural Economics.
A study of Rural Economy with particular emphasis on the rural school. See course outline in the School of Agriculture. Three credit hours. Given alternate years with Education 323rs. First semester.

EDUCATION 413e.—Teaching of English in Elementary Schools.
For those majoring in English. Prerequisites: Five semesters in English and two semester courses in Education. Three credit hours. Given alternate years. First semester.

EDUCATION 423m.—Teaching of Mathematics in Elementary School.
Prerequisites: Four courses in Education and two semesters in Mathematics. Three credit hours. Given alternate years. Second semester.

EDUCATION 423g.—History of Education.
A study of the historical development of the Elementary School in the United States. Three credit hours. Second semester.

Education Courses For The Training Of High School Teachers

EDUCATION 213c.—Educational Psychology.
A study of the learning process, individual differences, instincts and emotions. Application of principles is made to high school pupils. Prerequisite: 123 or an equivalent course. Three credit hours. First semester.

EDUCATION 223c.—Principles of Secondary Education.
A study of the social phases of Secondary Education. Prerequisites: Education 223b and 213c or equivalent courses. Three credit hours. Second semester.

EDUCATION 313c.—Psychology of Adolescence.
Open to Juniors and Seniors. A study of the psychological development of the adolescent boy and girl. Prerequisite: Education 213c or equivalent. Three credit hours. First semester.

EDUCATION 303t.—High School Teaching and Observation.
In this course opportunity for student teaching and observation is provided. Prerequisite: Education 203t. Three credit hours per semester. First or second semester.

EDUCATION 323a.—High School Problems.
A thorough study of certain classroom problems of the high school. Reports and discussions by students. Lectures by instructors. Prerequisite: Education 213c or equivalent course. Three credit hours. Second semester.

EDUCATION 323b.—The Junior High School.
A course defining and describing the function of the Junior High School in the educational system. Prerequisites: Two courses in Elementary Education. Three credit hours. Second semester.

EDUCATION 313e.—Teaching of English in Secondary School.
Procedures and techniques of teaching English in the high school. Offered to those "majoring" or "minoring" in English with four courses in secondary education. Three credit hours. Second semester.

EDUCATION 323c.—Modern Methods in Secondary Education.
This course is for the preparation of high school teachers; it will consider the best methods of teaching the high school subjects, and also a study of the following topics: Selection and organization of subject matter, observation, assignments, drills, supervised study, etc. Three credit hours. Second semester.

EDUCATION 413a.—Philosophy of Education.
Open to Juniors and Seniors. A discussion of the underlying conceptions and principles of education. Prerequisites: Two courses in Social Science and four courses in Education. Three credit hours. First semester.

EDUCATION 413b.—Educational Sociology.
This course aims to apply the principles of sociology to educational theory and practice. Topics considered: Nature and function of the school; relation of the school to other institutions and educational agencies to the family, social classes, industries, the state, the church, the theatre and public opinion. Special consideration is given to the organization of public education, the readjustments of curricula, the objective of vocational education, and moral character. The conscious control of environmental influences is carefully outlined and its possibilities are critically considered. Especially recommended for students majoring or minoring in Education. Three credit hours. First semester.

EDUCATION 401.—Seminar in Thesis Writing and Research.
Preparatory course provided for the purpose of guiding seniors in the writing of their required theses for graduation. Required of all seniors except those who have had or are taking Education 412a and 412b. One credit hour. First semester.

EDUCATION 423a.—Mental Adjustments.
A course in mental hygiene. A study of personality as an integrated force. The psychology of the unadjusted school child. Prerequisite: Education 123 and Education 313b or 313c. Three credit hours. Second semester.

EDUCATION 412a, 422a.—Elemntary Research.
An elementary course in Educational Research. For students majoring in Education. Required of all students planning graduate work in Education with permission of the Head of the Department. Four credit hours for year's work. First and second semesters.

EDUCATION 412b.—Elementary Statistics and Measurements.
An introduction to statistics. Easy methods of finding mid-point, mid-interval, model mean, arithmetic mean, standard average and quartile deviation. The application of statistics to Education. Tests and measurements are discussed and the methods of scoring and plotting curves afford much practical work. Required of all students planning graduate work in Education and with permission of the Head of the Department. Two credit hours. First semester.

EDUCATION 422b.—Tests and Measurements.
Topics: Place of measurement in education; selection and construction of tests and examinations; instruction for and application of tests; scoring tests in terms of original, scale, and interpretative units; statistical computation; graphic presentation; location of goals; classification of pupils; guidance of study; instruction and supervision; practice tests; diagnosis; evaluation of efficiency; marking system; educational, vocational, and social selection and guidance; experimental methods and measurements. Opportunity for practicing each step will be provided, for those engaged in instruction or the supervision of instruction. Students may not enter Education 422b without having had Education 412a and 412b or they must be enrolled in it at the same time. Two credit hours. Second semester.

EDUCATION 422c.—Practice in Mental and Educational Measurement.
A laboratory course in the technique of mental and educational measurement. Practice with tests of intelligence and of achievement in school subjects. Application of measurement to the solution of practical and scientific problems in education. Prerequisite: Education 412a and 412b. Two credit hours. Second semester.

EDUCATION 423.—Problems of the Teaching Profession.
A study of the problems which face the teacher in her daily classroom problems and her relation to the whole school system. Three credit hours. Second semester.

EDUCATION 403c.—Special Methods in High School Subjects.
A thorough course in the general and special methods of teaching various high school subjects. This course is offered only to students who are preparing to teach certain subjects. They are given an opportunity to observe the application of the latest methods and a chance to apply them. This course may be taken only by permission of the Head of the Department of Education. Open only to juniors and seniors. Prerequisite: Education 323c. Three credit hours. First or second semester.

EDUCATION 223he.—Vocational Education.
This course is designed to give the student an appreciation of the place of vocational education in our present day system of education and a knowledge of its extent and possibilities. Three credit hours. Second semester.

EDUCATION 333he.—Home Economics Education.
This course is outlined to prepare students for student teaching and to give an appreciation for the development of woman's education, the Home Economics movement, and to set standards of good teaching methods and testing. Practice in planning courses, lessons and observing model lessons is also included. Three credit hours. Second semester.

EDUCATION 411he.—Home Economics Problems.
Actual teaching problems are brought to class and solved. Teaching aids are exchanged, work measured and comparisons made. Possible solutions of problems from teachers already in the field are worked out by the class. One credit hour. Either semester.

EDUCATION 413he.—Teaching Home Economics Subjects.
One quarter of actual teaching in secondary school classes under supervision is required. Some of the work is done in a combination laboratory in training school and some in Hemptstead. Hempstead, being Smith-Hughes aided and supervised, offers an excellent opportunity in it and gives the teacher in training a chance to meet many situations typical of those she will meet after graduation. Three credit hours. Either semester.

EDUCATION 313ie.—Principles of Industrial Education.
This course consists of an intensive study of the aims, development, and organization of industrial education in the nation and in the state; also a study of the kinds of industrial schools, the distribution of funds applicable to them, the need and training of special teachers of industrial education, place of pre-vocational courses in the educational system, rehabilitation work, analysis of trades, record keeping, etc. Three credit hours. First semester.

EDUCATION 323ie.—Methods of Teaching Industrial Education.
Most effective organization of equipment and economic ways of securing materials as teaching aids, planning daily program; discipline and individual adjustment; grading records and reports. Three credit hours. First semester.

EDUCATION 413 and 423 ie.—Practice Teaching.
The student participates in conducting of class exercises and the control of classroom and is required to observe before he is allowed to conduct a class. Three credit hours. Second semester.

RURAL EDUCATION 413Ag and 423Ag.—Special Methods.
Courses of study, lesson plans, equipment, reference books, yearly outlines and surveys for at least two weeks of second semester, for teachers of vocational agriculture, will be devoted to Extension Methods. Lecture 3. Three semester hours.

RURAL EDUCATION 413Ag-t and 423Ag-t.—Observation and Practice Teaching.
The student participates in conducting class exercises and the control of the classroom at first as an observer, but gradually entering into teaching responsibilities until he takes complete charge. This work is confined to teaching high school students. Lecture 1, Laboratory 2. Three semester hours.

EDUCATION 413ie.—Vocational Education (Under Smith-Hughes Act).
The purpose of this course is to give a clear understanding of the growth and importance of trade and industrial education. Effective training, methods of training, training on the job and trade analysis are considered, and also, course making and lesson planning. Special attention is given to the provisions of the Smith-Hughes Act, instructional management, and organization for training in industry.

EDUCATION COURSES OFFERED IN COLLEGE SUMMER SCHOOL

For Principals Of Elementary And High Schools

Administration of Schools and School Supervision.
Tests and Measurements.
Philosophy of Education.
Elementary Educational Research.
Educational Psychology (Adolescent Psychology).

For High School Teachers

Principles of High School Teaching (Open to Sophomores).
Educational Psychology (Adolescent Psychology).
Philosophy of Education (Not open to Sophomores and Freshmen).
Elementary Educational Research (Open to Seniors only).
Elementary Statistics (Open to upperclassmen by permission).
Sociology for Teachers (Not open to Sophomores and Freshmen).
Tests and Measurements (Not open to Freshmen and Sophomores).
The Teaching of English in Secondary Schools (See English Department).

For Elementary School Teachers

The same courses as offered in the first term of regular session.
Rural School Procedures.
Public School Music.
Elementary School Problems and Practices.
Methods and Procedures in Physical Education.
Educational Psychology (Applied to elementary school curriculum).
Psychology of Childhood.
Philosophy of Education.

For Teachers Of Primary Grades

Methods and Procedures in Physical Education.
Primary Grade Methods.
Primary School Materials.
Psychology of Childhood.

DEPARTMENT OF EXTENSION CENTERS

Extension Committee:

D. R. Glass, Chairman — L. A. Potts
J. J. Abernethy — J. Henry Alston
E. C. May

For a number of years the college has felt a demand for classes off the campus for the benefit of a great number of people, who, for many reasons, cannot attend classes on the campus, but who, nevertheless, have a genuine interest in and need for the work offered by the college.

It was in recognition, therefore, of this demand, that in 1927, the institution began to offer to citizens of the state an opportunity to study at home and continue their education at the same time they are going about their daily vocations.

Classes were set up in 1927-28 in the cities of Houston, Fort Worth, Bryan, Navasota and Beaumont. During the year 1928-29, and 1929-30, classes were conducted in the cities of Houston, Beaumont, Galveston, Brenham, Navasota, and San Antonio. At present extension centers are organized in San Antonio, Houston, Galeston, Beaumont, Jasper and Nacogdoches.

Entrance requirements, professional qualifications of teachers and standards of work are the same as for resident classes. Schools are established only in those places where there is a certainty that a high grade of work can be done so as to meet the demands of the college authorities and other approving agencies.

DEPARTMENT OF ENGLISH

Earl L. Sasser, M. A., Chairman

John D. Bell, M. A.
Ruth I. Clark, A. B.
A. B. Moore, A. B.
J. Mercer Johnson, A. B.
Julia A. Greene, B. S.
Gertrude Turner, B. S.
Anna L. Campbell, B. S.
E. H. Randals, M. A. (Part time)

Assistants

Lillian Maxwell (B. S. 1931)
Diverna Mollette (B. S. 1931)
Mercile Adams (B. S. 1931)
Vista A. Jefferson (B. S. 1931)
Mary A. Simms (B. S. 1931)
Margaret Newsome (B. S. 1931)

Courses Of Study

The course of study in this department is designed to give the student an intelligent command of the English language and literature, both as to theory and practice. The department offers courses looking to the following ends: the development of ability in clear thinking and accurate expressions; the acquaintance of the student with the origin and development of the language and literature; the instilling of good taste and appreciation; the encouragement of the maintenance of recognized standards of practice.

While providing, as it were, the minimum essentials to a liberal education, provisions have also been made for those who wish to do special work in this field, or who plan to do professional work as a teacher of English.

In all courses personal conferences between students and instructors are encouraged.

All students must pass creditably all freshman and sophomore required work in English. The student must pass the freshman English requirements before he passes on to the work of the sophomore year.

For those entering students, who, by some form of test at the beginning of the term or after trial, are found not to be sufficiently prepared to do the regular work of freshman English, English 100 is provided. No credit towards a degree is given for this work. Any student in the department, whose work in composition falls below that of regular freshman quality, may be required to do creditable work in this course, English 100.

Students who plan to do their major work in English must pass creditably at least eighteen hours of work in this field above the sophomore requirements. Of this work the following courses are required: 313a, 323a or 413b, 423b or 423c, 323b, 413a. Electives may come from any other of the upperclassman courses.

DESCRIPTION OF COURSES IN ENGLISH

FRESHMEN

ENGLISH 100.—Drill English.
A course for those students who are not sufficiently prepared to do the regular work of Freshman English. Drill in grammar, spelling, punctuation and other essentials of composition. No credit towards a degree is given for this work. First Semester.

ENGLISH 113.—Composition and Rhetoric.
An extensive review of grammar dealing chiefly with analysis and construction of sentences, word study, and common errors. The chief emphasis of the course is upon composition. Three credit hours. First semester.

ENGLISH 100x.—Drill English.
This course is a repetition of course 100 offered in the first semester. A non-credit course. Second semester.

ENGLISH 113a.—Composition and Rhetoric.
This course is a repetition of 113 for the second semester. For entering Freshmen and repeaters. Three credit hours. Second semester.

ENGLISH 123.—Composition and Rhetoric.
A continuation of 113 with emphasis upon organization in longer themes. Prerequisite: 113. Three credit hours. Second semester.

SOPHOMORES

Prerequisite: Creditable completion of required freshman work in English.

ENGLISH 213.—Public Speaking.
This course emphasizes fundamentals: voice, diction, breath control, speech preparation, selection of subject, and organization of material. Opportunity for practice before class. Three credit hours. First semester.

ENGLISH 213a.—Journalism.
The course is designed to give training in both theory and practice of different forms of modern journalism. Study of the theory and technique of collecting news, various types of news stories, models of editorials and magazine articles form the basis for original composition. Elective, but may not be substituted for required sophomore work. Enrollment limited. Three credit hours. First semester.

ENGLISH 223.—Literature.
A survey of literature, English and American, emphasizing forms, meanings and contents. Required for students of Arts and Sciences, elective for Vocational students, but may not be substituted for required work. Three credit hours. Second semester.

ENGLISH 223a.—Journalism.
Same as 213a. Required of students in the Vocational schools. Elective for students of Arts and Sciences but may not be substituted for required work. Three credit hours. Second semester.

UPPERCLASSMEN

Prerequisite: Creditable completion of freshman and sophomore requirements in English.

ENGLISH 313a.—The Study of Literature.
This course aims to provide the student with a general knowledge of some of the great classics, and a knowledge of the standards of literature as a basis for literary likes and dislikes. Three credit hours. First semester.

ENGLISH 313b.—Public Discussion and Debate.
Advanced public speaking with chief emphasis upon argumentation and debate. Briefing and practical presentation are emphasized. Three credit hours. First semester.

ENGLISH 323a.—Usage.
This course is devoted chiefly to advanced composition; the planning and writing of articles of an advanced nature; the study of the general principles of writing and questions of English usage. Three credit hours. Second semester.

ENGLISH 323b.—American Literature.
A survey of American prose and poetry from the early beginnings of the literature to the present; study of historical influences and literary tendencies through representative selections from chief American writers. Three crdit hours. Second semester.

ENGLISH 323c.—Early Essayists.
Reading from the works of Coleridge, Lamb, Hazlitt, Landor, DeQuincey, Macaulay. Three credit hours. Second semester.

ENGLIST 323d.—Romantic Poetry.
(Alternate years; not offered 1931-32.) Intensive study of the poetry of Byron, Shelley, Keats, Wordsworth. Three credit hours. Second semester.

ENGLISH 413a.—The English Language.
The aim of this course is to study essential features in the growth and development of the mother tongue. Attention is given to the bearing of historical grammar on present forms and usage, to changes in punctuation, and vocabulary which have led to modern speech. Three credit hours. First semester.

ENGLISH 413b.—Essay Writing.
Written expression based upon reading and class discussion of provocative essays in modern thought. Three credit hours. First semester.

ENGLISH 413c.—The Teaching of English.
(Special students in English who take this course should arrange to have the credit recorded as work in the field of Education, Special Methods Course.) This course is designed for those who expect to teach English in the schools. Study of aims, the selection and organization of materials, the preparation of lesson plans, and the use of effective methods of teaching English, especially in the secondary schools. Opportunity is given for observation and practice teaching. Three credit hours. First semester.

ENGLISH 423a.—Nineteenth Century Literature.
Study of the works of the leading poets and great prose writers, including fiction, in relation to the general character and temper of the period. Some attention is given to literary criticism and theories of style. Frequent reports. Three credit hours. Second semester.

ENGLISH 423b.—Shakespeare.
Brief introduction is given to Shakesperean drama, the character and conditions of the age. Major emphasis is given to intensive study of representative plays. Three credit hours. Second semester.

ENGLISH 423c.—The Drama.
(Alternate years, not offered 1931-32.) Brief study of origins and developments. Study of representative types of drama from the Greek to the contemporary. Three credit hours. Second semester.

ENGLISH 423d.—The Short Story.
Study of theory and technique; reading and criticism of specimens; practical work in writing sketches and short stories; attention to contemporary types and tendencies, preparation for publication, and standards set by leading magazines. Prerequisite: 323a or 413b with a grade of "A" or "B," or the signature of the instructor in charge which is necessary in any case before electing the course. Three credit hours. Second semester.

ENGLISH 500—The Novel.
Study of the relation between literature and social and economic conditions as revealed in outstanding examples in the field of the novel. Open only to seniors and advanced students by special permission. Hours and credit to be arranged.

DEPARTMENT OF FOREIGN LANGUAGES

Charles E. Carpenter, M. L., Chairman
E. J. Mosby, A. B. Clarissa A. Lovinggood A. B.

Romance Language courses are dependent courses which may be continued through two semesters each year.

Spanish

The purpose and scope of teaching Spanish 113 and 123 is to train the student in the fundamental principles of accurate pronunciation of Spanish; to make him conversant with the complete conjugation of the three regular verbs; and to develop his ability in simple reading and conversation.

SPANISH 113.—Elementary Spanish Grammar.
Mastery of the principles of pronunciatiou of the Spanish language. Methods: (a) Learning rules governing the accent of Spanish words, (b) practice in the division of syllables and accent of selected words arranged in definite lists, (c) reading for thought gathering, translation and conversation. Three credit hours. First semester.

SPANISH 123.—A continuation of Course 113.
Methods: (a) Special emphasis is placed on the review of grammatical principles previously learned, (b) much use is made of exercise drills, as outlined in the grammar, to make concrete the linguistic principles taught. Conversation is stressed. Supplementary simple reading subject to choice. Prerequisite: Spanish 113 or one year from an accredited high school. Three credit hours. Second semester.

The scope of training sought in Spanish courses 213 and 223 inclusive trains the student in the reading of historic, idiomatic and descriptive prose, which contains such elements that not only interest and inform him in the historic and legendary background of the Spanish literature, but present him with a panoramic view of the ancient buildings and picturesque landscapes of Spain. Idiomatic usage and verb-drill are especially stressed through both courses.

The student is given a thorough comprehensive knowledge of the fundamental principles of the language formation to such a degree that he may be able to continue reading unassisted.

SPANISH 213.—General Purpose.
Mastery of the conjugation of the twelve cases of orthographic-changing verbs, the five classes of classable, irregular verbs, a continuation of the study of idiomatic usage as is found in our reading text, and, practice in reading as literature. Methods: (a) Garner's Grammar used to explain all language principles involved in our reading and verb-drill, (b) Un Verano used three times a week for reading, idiomatic drill and composition, (c) Garner's Grammar used once a week for verb-drill, (d)

Cuentos Contados used once a week for memorization and conversation. Prerequisite: The equivalent of completing Spanish 125. Three credit hours. First semester.

SPANISH 223.—A continuation of Spanish 213.
Methods: Special drill on reflexive verbs, subjunctive mode and on expressions governing literary writing and speaking. Three credit hours. Second semester.

French

FRENCH 113.—General Purpose.
This course is a study of the linguistic foundation of French including the mastery of the peculiar French phonetics. In this course will be emphasized conversation, idiomatic usage and verb-drill. Methods: (a) Drill on phonetic alphabet, (b) reading selections stressing accurate pronunciation, (c) strengthen the student's appreciation of French articulation and enunciation by requiring portions of the text written in phonetic symbols as occasion may demand. Three credit hours. First semester.

FRENCH 123.—A continuation of French 113.
An additional text is used (Pour Charmer Nos Enfants—Capus) to enliven conversation and drill in memory work. Prerequisite: French 113 or its equivalent. Three credit hours. Second semester.

FRENCH 213.—General Purpose.
This course is conversational French and special idiomatic and verb-drill. The reading matter is simple and based on habits of every day life. Prerequisites: French 123 or two years of French from an accredited high school. Three credit hours. First semester.

FRENCH 223.—Continuation of French 213.
Verb and idiomatic drill emphasized to develop better literary expression. Prerequisite: French 213 or its equivalent. Three credit hours. Second semester.

FRENCH 313.—General Purpose.
A general survey of the French literature up to the present time. Illustrative excerpts will be read in class introducing many of the literary masters. Lectures on the historic background of French literature will be given from time to time. The course will be conducted in French. Reference work and reports included. Prerequisite: French 223 or equivalent. Three credit hours. First semester.

FRENCH 223.—The same as French 213. The same texts used.
Prerequisite: French 313 or equivalent. Three credit hours. Second semester.

German

GERMAN 113.—
A course in the fundamentals of the German language. Text: Betz & Price. Three credit hours. First semester.

GERMAN 123.—A continuation of German 113.
Prerequisite: German 113 or its equivalent. Texts: Betz & Price and supplementary reader subject to choice of department. Three credit hours. Second semester.

GERMAN 213.—
A course in reading idiomatic German supplemented with grammatical drill on composition and idiomatic usage. (It is hoped to lessen the use of English to a minimum.) Three credit hours. First semester.
GERMAN 223.—A continuation of German 213.
Special emphasis placed on conversation. Prerequisite: German 213 or its equivalent. Three credit hours. Second semester.

DEPARTMENT OF MATHEMATICS

A. W. Randall, M. A., Chairman E. J. Rucker, B. S., Instructor

MATHEMATICS 100x.—
(3.0) No credit. A review of the essentials in High School Algebra. Students whose work in Mathematics 113 or 113a up to November 15 is very unsatisfactory are required to take this course.

MATHEMATICS 113.—College Algebra.
A throrough drill in solving linear and quadratic equations, with special stress on graphing; elementary theory of equations; the binomial theorem; the progressions; logarithms; partial fractions; determinants; imaginaries and series. Prerequisites: 2 units high school algebra, 1 unit plane geometry. Three credit hours. First semester.

MATHEMATICS 123.—Trigonometry.
A standard course in plane trigonomtry with an introduction to spherical trigonometry. Prerequisite: Same as for Mathematics 113. Three credit hours. Second semester.

MATHEMATICS 113a.—Mathematical Analysis I.
A standard course in freshman mathematics, covering in an essential way such subjects as college algebra, trigonometry, analytic geometry and a short introduction to the calculus. This course is particularly designed for pre-medical students, but may be chosen by any student who meets the requirements. This course may be substituted for regular freshman courses as given in the Division of Liberal Arts for students of education and mechanic arts. Prerequisites: The same as Mathematics 113. Three credit hours. First semester.

MATHEMATICS 123.—Mathematical Analysis I.
A continuation of Mathematics 113a. Three credit hours. Second semester.

MATHEMATICS 213.—Analytic Geometry.
A study of the point, the straight line, transformation of coordinates, the conics, graphs of trigonometric, logarithmic and exponential functions. Prerequisites: Mathematics 113 and 123. Three credit hours. First semester.

MATHEMATICS 213a, 223a.—Mathematical Analysis II.
A second course in analysis covering in an essential way differential and integral calculus, differential equations, and many applications of mathematics to chemistry, physics, economics, and probability. Prerequisite: Mathematics 113a and 123a. Three credit hours per semester. First and second semesters.

MATHEMATICS 223.—Differential Calculus.
A thorough drill in the development and the application of the various formulas of differentiation to practical problems. Prerequisite: Mathematics 213. Three credit hours. Second semester.

MATHEMATICS 313.—Integral Calculus.
An intensive study of the many types of integrals and their application to special problems. An introduction to differential equations is also given. Prerequisite: Mathematics 225. Three credit hours. First semester.

MATHEMATICS 413.—Teachers Course in Mathematics.
Intended to widen the horizon of teachers of high school mathematics. Three credit hours. First or second semester.

MATHEMATICS 313a.—Investment.
This course is based on the purchasing of property, and methods by which the monthly payments of interest and principal are computed. It also includes annuities, amortization, sinking funds, bonds, and life annuities. Prerequisites: Mathematics 113a, and 123a or 113 and 123. Three credit hours. First or second semester.

MATHEMATICS 323.—Theory of Equations.
A standard course in the theory of equations involving ruler and compass constructions, solutions of equations, algebraic and transcendental, matrices and determinants, symmetric functions, eliminants and descriminants.

MATHEMATICS 423.—Differential Equations.
A very intensive course which involves differential equations of the first order and first degree, and first order and higher degree, singular solutions, total differential equations, linear differential equations, simultaneous differential equations, and an introduction to partial differential equations of the first order.

For Majors

The department offers the students who desire to major in mathematics a choice of the following courses: Theory of Equations, (4,0); Differential Equations, (6,0); Advanced Calculus, (6,0); Modern Geometry, (4,0); Modern Algebra, (6,0); Solid Analytic Geometry, (3,0); Spherical Trigonometry, (3,0); Analytic Mechanics, (6,0); Infinite Processes, (6,0).

NOTE—College Physics is required of all students taking a major in mathematics or such other related courses as will be approved by the head of the department. Twenty semester hours of the major courses above are required for the mathematics major.

Special Senior Requirement

Seniors who fail to pass an examination in the fundamentals of Arithmetic are required to receive credit in Mathematics 413 before they are approved for graduation.

DEPARTMENT OF MILITARY SCIENCE AND TACTICS

Captain Arthur Philip Hayes, Infantry, Res., U. S. Army, Professor of Military Science and Tactics and O. Anderson Fuller, Band Director.

The Department of Military Science and Tactics is composed of one Professor of Military Science and all of the male students of the college. The students are organized under the leadership of the upperclassmen and other students who demonstrate executive military leadership ability. The Cadet Corps is composed of a Band of thirty pieces under the direction of a competent director who is a member of the faculty. The other cadets are organized into four companies which constitute a Cadet Battalion and are commanded by a Cadet officer who has the rank of Lieutenant Colonel. The United States government has direct control over the military training given at this school which is conducted in accordance with Section 55c, National Defence Act, 1920. Over 200 U. S. rifles, calibre .30, model 1917, belts, and several U. S. rifles, gallery practice, with necessary ammunition for training purposes are provided by the U. S. government for the training of the Cadet Corps.

The object of Military training at this college is to inculate habits and ideals that are required in every day life; namely, respect for constituted authority, obedience, team work, punctuality, alertness, and precision. These qualities are developed by drills, exercises, strict attention and insistence upon details, supplemented by a system of discipline designed to teach the importance of doing things correctly. The cadet is

required to perform duties that demand thought, tact, initiative, responsibility and self-control.

Cadets are regularly assigned to classes in Military Science and Tactics or Physical Education and are required to devote five hours a week to that subject. The course is a prerequisite to promotion and graduation. Eight semester hours of academic credit are given in this work. These credits count toward degree requirements.

Written permission is necessary for those who wish to leave the campus to visit nearby towns or cities, and will be given to students entitled to such permission upon approval of written request submitted twenty-four hours before effective date.

Male students will be required to purchase the new rolled collar regulation Army coat or blouse as a part of the required uniform. The uniform will be worn continuously while a student at the college. Each student should have four (4) pair of breeches (khaki) or two (2) serge breeches, NO LONG TROUSERS; four (4) shirts, cotton (khaki) or woolen O. D. Army style; two (2) coats or blouses; serve new rolled collar; two (2) pair of shoes army regulation; one (1) pair of leggins; two (2) hats, campaign, army regulation. These articles may be bought at College Exchange at reasonable prices.

Military Science

MILITARY SCIENCE 111 (1-2).—(a) Theoretical: National Defense Act, military courtesy and discipline, Infantry drill, hygiene and sanitation. (b) Practical: Infantry drill, physical training. Text: War Department Training Regulations. One credit hour. First semester.

MILITARY SCIENCE 121 (1-2).—(a) Theoretical: Rifle marksmanship, scouting and patrolling. (b) Practical: Physical training, Infantry drill, preliminary target practice, gallery practice, ceremonies. Text: War Department Training Regulations. One credit hour. Second semester.

MILITARY SCIENCE 211 (1-2).—(a) Theoretical: Musketry; automatic rifle. (b) Practical: Command and leadership as corporals; musketry; automatic rifle. Text: War Department Training Regulations. Prerequisite: M. S. 111, 121. One credit hour. First semester.

MILITARY SCIENCE 221 (1-2).—(a) Theoretical: Scouting and patrolling; interior guard duty; combat principles. (b) Practical: Command and leadership as corporals, scouting and patrolling. Text: War Department Training Regulations. One credit hour. Second semester.

MILITARY SCIENCE 311 (1-2).—(a) Theoretical: Machine guns, topography. (b) Practical: Command as sergeants, machine gunnery; topography. Prerequisite: M. S. 211, 221. Text: War Department Training Regulations. One credit hour. First semester.

MILITARY SCIENCE 321 (1-2).—(a) Theoretical: Howitzer company weapons, machine guns, combat principles. (b) Practical: Command and leadership as sergeants; machine gunnery; Howitzer company weapons. Text: War Department Training Regulations. One credit hour. First semester.

MILITARY SCIENCE 411 (1-2).—(a) Theoretical: Combat principles; military history. (b) Practical: Command and leadership as officers and instructors; combat principles. Text: War Department Training Regulations. Prerequisite: M. S. 311, 321. One credit hour. First semester.

MILITARY SCIENCE 421 (1-2).—(a) Theoretical: Military history and policy; administration; military law; rules of land warfare; field engineering. (b) Practical: Command and leadership as officers and instructors; combat principles; field engineering. Text: War Department Training Regulations. One credit hour. Second semester.

DEPARTMENT OF MUSIC

O. Anderson Fuller, Jr., B. A., Director

Leah M. Minor, Piano — Mable K. Bullock, Voice

Aim.—The aim of the department of music is to develop a general appreciation for the best in music among the entire student body and to train students as performers and teachers of music.

Equipment.—The department is housed in a two-story building containing three teachers' studios, reception room, class rooms, seven practice rooms and director's office. Standard instruments are kept in the best of condition for teaching and practice purposes.

Departments.—Courses of study are offered in Piano, Voice, Public School Music, Band and Orchestral Instruments.

Music as a College Major.—Students may choose Music as a major leading to a degree upon the recommendation of the Dean of the College and the Director of the department. This major may be taken in Piano, Voice and Public School Music. Students who finish a Music Major are well prepared to teach academic subjects and school music.

Curriculum And Requirements For Graduation Of Music Major

The entrance requirements are the same as those of the College. One hundred and twenty-eight (128) semester hours of acceptable work must be completed before the degree is granted. These are distributed as follows:

Major Subject	40 semester hours
English	12 semester hours
Education	24 semester hours
Foreign Language	12 semester hours
Social Science	6 semester hours
Other musical courses	16 semester hours
Electives	10 semester hours
Physical Education or Military Science	8 semester hours

All other requirements for graduation and scholastic standing are the same as stated in the catalog for other courses.

Piano.—The Piano course offers instruction in thorough technical foundations and fine interpretations of the classics. A careful study of the student's individual needs is made by the teacher. Standard exercises, Etudes and Compositions are used. Previous study must be validated before advanced standing is given in the department. Those majoring in Piano are required to devote not less than two hours daily to practice.

Voice.—Students with natural singing ability are encouraged to study voice. Methods of the fundamental laws of the voice, vocal technique, breathing, enunciation, interpretation, style, power of expression and repertoire building. Daily practice is required as in Piano. Study of Foreign Languages above entrance requirements is also required.

Description Of Courses For A Music Major

(Piano, Voice or Public School Music)

FIRST YEAR

Subjects	Hours credit
Major	8
Harmony I	1
Music History I	1
Appreciation, Recitals	2
English	6
Education	6
*French or German	6
Physical Education	2
	32

SECOND YEAR

Major	8
Harmony II	1
Music History II	1
Appreciation, Recitals	2

English	6
Education	6
*French or German	6
Physical Education	2
	32

THIRD YEAR

Major	12
Appreciation, Recitals	2
Social Science	6
Education	6
Electives	4
Physical Education	2
	32

FOURTH YEAR

Major	12
Appreciation	2
Recitals	2
Education	6
Thesis	2
Electives	6
Physical Education	2
	32

NOTE—The requirements in Piano for students majoring in Voice or Public School Music are that a student be able to play standard accompaniments.

Public School Music

The purpose of this department is to give training that prepares teachers and supervisors of Public School Music, to teach fundamentals of vocal music and enable students to read music of moderate difficulty, and to give a knowledge of the music and the methods employed in the teaching of Public School Music in the grades and high school.

Description Of Courses

MUSIC 113, 123.—Elementary Harmony.
Scales, intervals, chords. Three credit hours. First and second semesters.

MUSIC 213, 223.—Advanced Harmony.
Prerequisite: Elementary harmony. Three credit hours. First and second semesters.

* French and German are required for Voice when taken as a Major.

MUSIC 313.—Education Public School Music.
Music for young children. Singing, rhythmic activity of children. Three credit hours. First semester.

MUSIC 323.—Education Public School Music.
Music for children with the Victrola. Toy orchestras and projects, appreciation. Three credit hours. Second semester.

MUSIC 413.—Education Public School Music.
Teaching of music in public schools.—Observation. Three credit hours. First semester.

MUSIC 423.—Education Public School Music.
Study of materials, texts, compositions offered for teaching music in grades and high schools. Organization and instruction of high school glee clubs, orchestras and appreciation. Three credit hours. Second semester.

Band and Orchestral Instruments.—Instruction is offered in Wind, Woodwind, Reed and Stringed instruments. Advanced students may study methods of teaching instruments, organization of bands and orchestras, instrumentation and orchestration.

Recitals.—Students of Piano and Voice are required to participate in recitals during freshman, sophomore and junior years, and are required to appear in recital during the senior year.

Organizations.—The College Choir, Chorus, Mixed Glee Club, Male Glee Club, Female Glee Club, Concert Company, Quartette, Orchestra and Band offer excellent opportunities for music participation and activity and are under direct supervision of the teachers of the department.

Band and Orchestra.—Beginners' Band is organized to develop players for the First Band also to have students prepared to fill vacancies when they occur in the First Band. They are taught the rudiments of music and scale building, as well as how to play the instruments, and are dealt with very carefully. They are under the direct supervision of the Director. The course is absolutely free, and the class meets three times per week. The beginners are also given private lessons during their vacant periods of the day. Each beginner is given two lessons a week. These lessons stress how to play the instrument and interpret the music.

First Band.—This Band is composed of twenty pieces. Some of the players of this group have had three or four years training, others more. It plays for all military parades, also military Retreat once a week. The Band gives concerts twice a month on the College lawn. Students in the Band are taught to play solos with band accompaniment. Rehearsal, twice a week.

Orchestra.—The Orchestra is composed of ten pieces, selected from the advanced players in the band. They play for all features of entertainmnts and for chapel on special occasions. They give concerts in Chapel once a month with the glee club. Rehearsals, twice a week.

State Certificates For Music

Special Three Year.—Certificates authorizing the holders to teach the special subjects of public school music, vocal music or instrumental music may be granted to applicants as follows: Completion of ten college courses, at least one of English, one of Education and one of Music and one thirty-six hour course in the Methods of teaching the subject on which the certificate is granted.

Special Four Year.—Completion of at least fifteen college courses, one of English, one of Education, three in Music.

Permanent Certificate.—Completion of twenty college courses, one of English, one of Education and four in Music. Special methods of teaching as in the three-year certificate.

NATURAL SCIENCE AND PRE-MEDICAL DEPARTMENT

R. Patterson Perry, M. S., Chairman of Natural Science Group and Head of the Department of Chemistry
Harvey G. Dickerson, M. S., Head of the Department of Biology
William L. Donley, M. S. Hamilton J. Brown, A. B.
E. B. Evans, D. V. M. Walter M. Booker, A. B.
E. E. Byais, B. S.
Maurice Jones, B. S., Acting Head of the Department of Physics
Mable J. Lucas, B. S. (Absent on leave, 1930-31.)

Description Of Courses

The group embraces Bacteriology, Biology, Chemistry, Physics and ...logy. The group aims to present both the practical and theoretical ...es of the subjects offered. The courses spread over a wide range to the end that students may find adequate opportunity to prepare for the fulfillmnt of the varying purposes and interests of life. The department makes a special effort to satisfy the needs of students who specialize in Agriculture, Mechanics or Home Economics.

The Natural Science group is quartered in the New Science Building which offers unexcelled facilities. The construction of the building has been carefully adapted to its special purposes. Walls and foundations are massive, supplying ample stability for the most refined experimental investigations. The construction provides for future flexibility, highly desirable in view of the constant progress of the Natural Sciences. The laboratories are equipped with a superior collection of apparatus, illustrative material, supplies and conveniences for use in instruction and investigation in the sciences.

Biological Sciences

The course in biological sciences covers a period of four years and leads to the degree of Bachelor of Science. Of the 60 hours of possible electives 18 may be taken in any department of the college. Twenty-four shall be taken from courses offered by the department of biological sciences with a maximum of 18 hours in any one division of that department, while 12 hours may be selected from the departments of chemistry or physics.

BACTERIOLOGY 314, 324.—(For students in the School of Arts and Sciences, Agriculture and Home Economics.)
The course embraces general bacteriological technique, such as the making of culture media, isolation of pure cultures, studying of the cultural characteristics of various organisms and the technique of stains, bacteriology of foods, canned and fresh vegetables, milk and other foods. Prerequisite: Organic Chemistry. Lecture 2, Laboratory 2. Four credit hours per semester. First and second semesters.

BIOLOGY 114.—(For students who have not had high school biology.)
Lectures and laboratory work introductory to the entire field of animal life, structure, life history, physiology and ecology. The course is presented to freshmen taking courses in the Divisions of Arts and Sciences, Home Economics or Agriculture. Lecture 2, Laboratory 2. Four credit hours. First semester.

GENERAL BOTANY 124.—
A general survey of the plant kingdom, gross morphology of the seed plants, cells, tissues, the lower plants, including algae, fungi and mosses. Students are given a chance through field excursions to observe plants in their natural habitats. Lecture 2, Laboratory 2. Four credit hours. Second semester.

SYSTEMATIC BOTANY 215, 225.—
Historical survey of various systems of classifications of principle groups by means of representatives. Prerequisite: Botany 124. Lecture 3, Laboratory 2. Five credit hours per semester. First and second semesters.

AGRICULTURAL BOTANY 224.—
The course provides a foundation for work in horticulture, farm crops and genetics. The structure and function of the seed plants are studied in detail. The botanical phases of the common farm plants are emphasized with special stress on the cotton and corn plants. Lecture 2, Laboratory 2. Four credit hours. Second semester.

PLANT PHYSIOLOGY 315.—
The physiological features, absorption, conduction, transpiration, photosynthesis, respiration, growth, movement, and reproduction are stressed.

Prerequisite: Botany 124. Lecture 3, Laboratory 2. Five credit hours. First semester.

PLANT PATHOLOGY 325.—
The course embraces diseases common to the farm, orchard and garden. Seed treatments are illustrated in addition to spraying and sanitation. Designed to follow the course in Plant Physiology. Lecture 3, Laboratory 2. Five credit hours. Second semester.

Zoology And Entomology

ZOOLOGY 114, 124.—(For students who have had high school biology.)
A general introductory course to the animal kingdom with some discussion of a few of the more important principles of animal life. Lecture 2, Laboratory 2. Four credit hours per semester. First and second semesters.

INVERTEBRATE ZOOLOGY 214, 224.—
An advanced course dealing with the following phyla: Protozoa, Porifera, Coelenterata, Echinodermata, Annelida, and Mollusca. The life from the ponds about Prairie View is observed and studied. Lecture 2, Laboratory 2. Prerequisite: Zoology 124. Five credit hours per semester. First and second semesters.

GENERAL ZOOLOGY 214.—(For Agricultural students only.)
This course includes a general survey of the animal kingdom. Vertebrate animals are considered chiefly in this work with special emphasis on the anatomy, habits and physiology of domestic animals such as the horse, chicken and pig. Lecture 2, Laboratory 2. Four credit hours. First semester.

VERTEBRATE ZOOLOGY 315, 325.—
An advanced course dealing with the Phylum Chordata. The life histories. Advanced work on the structure and relation of types. Prerequisite: Zoology 224. Lecture 3, Laboratory 2. Five credit hours per semester. First and second semesters.

PHYSIOLOGY 313, 323.—(For students of Home Economics.)
This is a general course covering the fundamental facts and principles of physiology. Special emphasis is placed on the health of the home, the treatment and prevention of disease, and the preparation and care of food, labor saving divices, and the development of children. The physiology of food digestion, absorption, blood circulation and excretion of wastes are considered in detail. Lecture 2, Laboratory 1. Three credit hours per semester. First and second semesters.

PHYSIOLOGY 315, 325.—
Lectures, reading and laboratory studies on cell structure, cell chemistry, colloids and electrolytes in life, bones of the skeleton, nervous system, metabolism ,energetics of life and life cycle. Prerequisite: Zoology 124. Lecture 3, Laboratory 2. Five credit hours per semester. First and second semesters.

EMBRYOLOGY 413.—
A general introductory course. The development of the chick will be the type of specimen used. Maturation, fertilization, cleavage and differentiation are some of the important topics discussed. Prerequisite: Biology or Zoology. Lecture 2, Laboratory 1. Three credit hours. First semester.

GENERAL ENTOMOLOGY 413a.—
A general introduction to insect life. The life histories, habits, and classification are given due consideration. Prerequisite: Biology or Zoology. Lecture 2, Laboratory 1. Three credit hours. First semester.

PRACTICAL ZOOLOGY 423.—
Methods of preserving, mounting, fixing and staining biological specimens are considered. The relation of man to animals is developed. Laboratory technique is brought out. Taxidermy methods are used and demonstrated. Prerequisite: Biology or Zoology. Lecture 1, Laboratory 2. Three credit hours. Second semester.

TEACHING OF BIOLOGY 423a.—
Methods of presentation, testing and directing biology students are considered. The technique of project study, field trips and demonstrations is outlined. Methods in microscopic study are given extensively. This course is especially designed for students who plan to teach or do research in the field of the biological sciences. Prerequisite: Biology or Zoology. Lecture 2, Laboratory 1. Three credit hours. Second semester.

PHYSICAL SCIENCES

Chemistry

Students who plan to do their major work in chemistry are required to register for and complete the following courses in their freshman and sophomore years: Chemistry 114, 124, 214, 224; Mathematics 113a, 123a, 213a, 223,; and Physics 215, 225.

Courses

CHEMISTRY 114, 124.—Inorganic Chemistry and Qualitative Analysis.
The course embraces an intensive study of the laws and theories, along with a wide comparative study of the elements in the light of the periodic system. Qualitative Analysis, involving tests for and separation of the common metallic and non-metallic ions, is studied during the last half of the second semester. For students who have had high school

chemistry. Lecture 2, Laboratory 2. Four credit hours per semester. First and second semesters.

CHEMISTRY 114a, 124a.—Inorganic Chemistry and Qualitative Analysis.
For students who have not had high school chemistry. Lecture 2, Laboratory 2. Four credit hours. First and second semesters.

CHEMISTRY 214.—Qualitative Analysis.
For students desiring a more extended study. Systematic analysis for all ions except those of the rare elements, with special attention to theory and the detection of negative ions. Prerequisite: Chemistry 125. One lecture, 1 conference and 3 laboratory periods per week. Four credit hours. First semester.

CHEMISTRY 224.—Quantitative Analysis.
The general principles of quantitative analysis; metals, alloys, ores, rock and mineral analysis; food analysis; fertilizers and soil. Prerequisite: Qualitative Analysis. One lecture, 1 conference and 3 laboratory periods per week. Four credit hours. Second semester.

NOTE—Students desiring a full year of quantitative analysis may, after consultation with the head of the department, register for Chemistry 515, 525.

CHEMISTRY 214a, 224a.—Organic Chemistry.
The principles of organic chemistry for students preparing for medicine, dentistry and for students of home economics and agriculture. Lectures and laboratory work in the examination and testing of food materials and the changes of food materials in the animal body. Prerequisite: Chemistry 124. Lecture 2, Laboratory 2. Four credit hours per semester. First and second semesters.

CHEMISTRY 315, 325.—Organic Chemistry.
The course is designed for students majoring in the department. The fundamental principles of the science are illustrated by the preparation and study of the typical representatives of the aliphatic and aromatic series. Prerequisite: Chemistry 224. Lecture 3, Laboratory 2. Five credit hours per semester. First and second semesters. Text: "Theoretical Organic Chemistry," Cohen. Manual: "Laboratory Outline of Organic Chemistry," Jones (Century Company).

CHEMISTRY 315a, 325a.—Physical Chemistry.
The topics considered are: Pressure volume relation of gases; vapor pressure; boiling point; freezing point and osmotic pressure of solutions; molecular and ionic theories; electrical transference and conduction; reaction rate and chemical equilibria, phase equilibria and thero-chemistry. Prerequisite: Chemistry 224, College Physics, Calculus. Lecture 3, Laboratory 2. Five credit hours per semester. First and second semesters.

CHEMISTRY 315m.—Ferrous Metallurgy.
Primarily for Mechanic Arts students, but may be taken by students in chemistry. Blast furnace operation, puddling, cementation. Crucible steel, Bessemer processes, openhearth processes. Ingot casting and mechanical treatment. Prerequisite: Chemistry 124. Lecture 3 to 5, Laboratory 1 to 2. Three to five credit hours. First semester. Text: Stoughton "Metallurgy of Iron and Steel."

CHEMISTRY 325m.—Non-Ferrous Metallurgy.
General metallurgical principles pertaining to the industries producing copper, zinc, lead, tin, aluminum, antimony, cobalt, magnesium, manganese and nickle. Prerequisite: Chemistry 315m. Lecture 3, Laboratory 2. Five credit hours. Second semester.

CHEMISTRY 415, 425.—Research.
Students may register for research after consultation with the head of the department. Five credit hours per semester. First and second semesters.

CHEMISTRY 412s, 422s.—Seminar.
Reports and discussions on the progress of research. Required of all major students in the department.

For Advanced Undergraduates And Graduates

CHEMISTRY 515, 525.—Quantitative Analysis; Advanced Qualitative Analysis.
The general principles of quantitative analysis and advanced qualitative analysis. Electrometric titrations, electro-analysis, steel analysis, microanalysis. Prerequisites: Chemistry 224. Lecture 1, Laboratory 4. Five credit hours per semester. First and second semesters.

CHEMISTRY 513.—Organic Preparations.
The course involves preliminary research work in the synthesis of organic compounds and a study of the reactions of compounds of theoretical and industrial importance. Prerequisite: Chemistry 325 One conference hour and 4 laboratory periods. Three credit hours. First or second semester.

CHEMISTRY 513a.—Qualitative Organic Analysis.
Identification of pure organic compounds and mixtures. Prerequisite: Chemistry 325. Lecture 1, Laboratory 2. Three credit hours. First or second semester.

CHEMISTRY 515a.—General Theoretical and Physical Chemistry.
Application of the laws of themodynamics to the equilibrium of chemical reactions and to the electro-motive force of voltaic cells. General principles relating to surface phenomena and to the colloidal state, atomic structure, based on the nature of radiations emitted by atoms. Prere-

quisite: Chemistry 325a. Lecture 3, Laboratory 2. Five credit hours. First semester.

CHEMISTRY 523.—Physico-Chemical Calculations.

A course of problems covering theoretical and practical physical chemistry. Prerequisite: Chemistry 325a. Lecture and recitations, 3. Three credit hours. Second semester.

CHEMISTRY 523a.—Advanced Physical Chemistry.

An advanced course covering the theory and practice of electrosynthesis of organic compounds and inorganic compounds, catalytic processes involving reduction, oxidation, dehydrogenation, and dehydration. Prerequisite: Chemistry 325a. Three credit hours. Second semester.

CHEMISTRY 513b.—Industrial Chemistry.

Lectures and assigned readings covering the most important of the typical chemical industries. Prerequisite: Chemistry 325. Lecture 3, Three credit hours. First semester.

CHEMISTRY 523b.—Industrial Analysis.

A laboratory course in the examination of boiler waters, solid and gaseous fuels, lubricants and portland cement. Prerequisite: Chemistry 225. Three credit hours. Second semester.

CHEMISTRY 525a.—Biochemistry.

A study of the chemistry of the animal body and of the vital processes and their regulation. Prerequisite: Chemistry 325. Lecture 3, Laboratory 2. Five credit hours. Second semester.

CHEMISTRY 525b.—Research.

Students may register for research after consultation with the head of the department. Five credit hours. Second semester.

CHEMISTRY 515s, 525s.—Seminar.

Reports and discussions on the progress of chemical research. Required of all major students in the department.

PHYSICS

PHYSICS 214.—

Lectures, recitations, and physical measurements on mechanics, properties of matter, forces, equilibrium, heat and mechanics of fluids. Prerequisite: Plane geometry and high school algebra. Plane trigonometry desired. Four credit hours. First semester.

PHYSICS 224.—

Lectures, recitations, and laboratory experiments in magnetism, electricity, light, sound, and radioactivity. Prerequisite: Physics 214. Four credit hours. Second semester.

PHYSICS 313.—

A study of the simple electric and magnetic circuits as applied to direct current machinery; characteristics of generators and motors, armature windings; systems of direct current distribution, and accessory apparatus. Prerequisite: Physics 225. Three credit hours. First semester.

PHYSICS 323.—

A continuation of course 313 and an introduction to the principles of alternating current machinery is studied in detail. Special emphasis is given to the theory of operation of transformers, induction motors, and switch board equipment. Prerequisite: Physics 313, Calculus. Three credit hours. Second semester.

PHYSICS 423.—

The theory and operation of modern telephone, telegraph, and radio installations. Prerequisite: Physics 323, Calculus. Three credit hours. Second semester.

PRE-MEDICAL—PRE-DENTAL COURSE

Required subjects and semester hours:

Chemistry, 12 semester hours; Biology, 8 semester hours; Physics, 8 semester hours; English, 8 semester hours; Foreign Language, 6 semester hours.

Additional work in subjects other than physical and biological sciences, at least 18 semester hours.

There should be enough additional work of college grade to make a total of two years, 60 semester hours.

Due to the fact that the leading medical schools are giving preference to men with college degrees, we advise that all Pre-Medical and Predental students pursue four years of college work.

Students are advised to take as part of their elective work courses in mathematics which serve as a basis for the work in science which is required.

Arrangement of pre-medical and pre-dental course:

Descriptive Title	Course No.	1st Term	2nd Term
Mathematics	112a, 123a	3	3
English	113, 123	3	3
Biology	114, 124	4	4
Chemistry	114, 124	4	4
SOPHOMORE YEAR			
Chemistry	214a, 224a	4	4
Physics	215, 225	5	5
Foreign Language (French or German)	113 123	3	3
English	213	3	3
Electives	——	5	5

PHYSICAL EDUCATION FOR WOMEN

For 1931-1932

Miss Florence Hickman, Acting Director

Physical Education Requirements

1. Physical Education is required of all students two hours per week through the freshman and sophomore years.
2. A least once a year, each student is required to undergo a thorough physical examination.
3. All students are required to wear regulation uniforms in Physical Education classes.

The uniform consists of a white blouse, dark blue or black zip-nicks, black cotton hose, and white keds. Entering freshmen (girls) are required to place their order for this uniform with their instructor in Physical Education. The approximate cost of this outfit is $6.00.

Beginning in 1931-32 girls will be able to major in Physical Education. In order to major in Physical Education young women must maintain an average of B or above throughout the freshman and sophomore years.

FORMAL GYMNASTICS 112, 122.—
The aims of formal physical exercises are to develop good poise, correct bodily defects, stimulate the system and develop coordination of the mental and physical powers. A normal pride in being well bred and a physical expression of consciousness of the race will go far towards the development, not only of physical manhood and woomanhood but also of mind and character.

GAMES 212, 222.—
Numerous and varied types of games are presented, with analysis of rules and suggestions for development. Instruction is given in coaching the highly organized games, such as basketball, baseball, soccer, hockey, and tennis. The practical need of a large and varied resourcefulness in games is recognized by all schools in the state, and these courses aim to give instructions in the knowledge and application of this branch of the work.

FOLK AND AESTHETIC DANCES.—
Folk dancing is a valuable form of recreation for children and adults, not only for its physiological bearing but also for its aesthetic and cultural influence. To express their feelings in motor terms, to dramatize the emotions, habits and customs of a people are old practices of practically all the human races. Aesthetic dancing is a study of the spontaneous interpretation of music through bodily movements and of fundamental educational feeling and imagination through artistic action. There are rhythm and beauty and joyful feeling in every child. We must

cultivate these and must give them a chance to express themselves in graceful muscular movements and in harmonious rhythmical cooperation.

For A Major In Physical Education

For the A. B. or B. S. degree, all students must present credit for four semesters of Physical Education. Interested students may take a major course in Physical Education. This course prepares for positions of leadership in the fields of physical education, teaching, athletic coaching, and recreation and health supervision. All students majoring in Physical Education must take Physiology 313 and 323.

PHYSICAL EDUCATION 313a.—Hygiene.

The aim of this course is to help the teacher realize his obligations to aid the State in producing citizens whose health provides for maximum efficiency. It consists of theory, personal hygiene, and practice work in detecting and correcting physical defects in school children. The course is required of women taking Physical Education as a major. Three credit hours. First semester.

PHYSICAL EDUCATION 323b.—Physical Education Methods.
Elementary course for women. Subject matter and method of physical education in the elementary school. Lecture periods will consider content, progression, and instruction. Laboratory or practice periods will give instruction in play and games, individual and self-testing activities. Prerequisite or parallel: Education 313a. The individual and self-testing activities include stunts, contests, apparatus, swimming, dancing, and playground activities. Physical training (clogging, interpretative dancing, and games should be taken concurrently.) For students majoring in physical education the prerequisite is junior standing. Three credit hours. Second semester.

PHYSICAL EDUCATION 313b.—Dancing; Theory and practice.
Three lectures with three practice sections. The lectures on dancing and music will consider all rhythmic expression in its relation to physical education and to education in general. The dance will be presented as a form of art and discussed in relation to other arts, its origin and place in the life activity of primitive peoples, and its social significance in the cultural development of civilized nations. The course will outline the place of music in physical education, and will make a study of the types which are useful in different situations. Method of selection for special needs will be taught. Lectures, discussions, and demonstrations. Three credit hours. First semester.

PHYSICAL EDUCATION 323.—Physical Education Methods.
Athletics (for women). Theory and practice of teaching athletic sports for girls and women; sports dealt with include basketball, soccer, playground ball, volley ball, field hockey, handball, tennis, archery, track and

field, practice in measuring achievement, and in officiating. Prerequisite: Physical Education 313b. Physical Training (tennis, Danish gymnastics, folk dancing, and archery) should be taken concurrently. Three credit hours. Second semester.

PHYSICAL EDUCATION 413.—Mechanical analysis of developmental skills.

Theory and practice. This course offers, through a series of lectures, laboratory demonstrations and practice on skills, instruction in the kinesiological analysis and practice in the actual working out of the motor problems involved in the wide variety of developmental activities. Particular emphasis will be placed upon the application of the laws and rules of mechanics to the analysis of these skills. Instruction will be given in how to teach activities to secure correct form and perfect execution, how to improve incorrect form, and how to use the knowledge of mechanics to promote better performance in activities. Three credit hours. First semester.

PHYSICAL EDUCATION 423a.—The Curriculum and Physical Education.

Principles, methods and programs. This course will study the curriculum in physical education and in relation to the school and college fields. The economic, political, social, and educational bases for physical education will be examined for the purpose of setting up principles to guide in the selection of activities. The natural program of physical education will be offered as an illustration of the principles, and the various pertinent theoretical considerations will be examined, such as aim, relation to education in general, objectives in equipment, organization, specific activities, social and moral development. The class will have practice in constructing a curriculum. Three credit hours. Second semester.

PHYSICAL EDUCATION 403t.—Supervision of Physical Education; Practice Teaching.

This course is open to experienced students and offers instruction in the principles and practice of supervision. Observation will be used as a basis for presentation and discussion of the principles, methods, progress, and subject matter of physical education. Particular attention will be given to the problems of supervision, classroom technique, organization of subject matter, relative worth of different activities, social and moral value inherent or realized in the activities, leisure-time values, and other related topics. Three credit hours. First and second semesters.

DEPARTMENT OF COMMERCE

Matilda E. Morris, Acting Head

The department aims to train efficient and accurate clerks, stenographers and secretaries. The increase on Negro business has created

a demand far beyond the ability of the schools to supply trained office workers and assistants. Two years of special training in shorthand and typing together with English are required to complete the work leading to the Commercial certificate. A few of one dollar ($1.00) per month is charged all students in the department for the use of the typewriting machines.

Description Of Courses

SHORTHAND 113, 123.—

Principles; theory; wordsigns; vocalization; dipthongs; prefixes and suffixes; modes of expressing W and Y; different modes of expressing H; aspirates. Group consonant signs; initial and final hooks; widening and lengthening principles; half-length words; signs. Contractions and expedients; simple phrasing; sight reading; drill for speed. Speed at end of course, seventy-five words a minute. Two semesters. Three credit hours per semester.

TYPEWRITING 113, 123.—

Learning keyboard; proper method of fingering; care of machine; copying from solid matter; drill for speed; dictation; copying from rough draft; drill for speed dictation. Speed at the end of the course firty-five words a minute. Two semesters. Three credit hours per semester.

SHORTHAND 213, 223.—

Imperfect expressions of words; joining parts of words; phrase writing; omission words; contracted affixes; amanuensis work; transcribing notes. Office dictation; special phrasing; court reporting; arranging note bonds; special court phrases. Speed at the end of the course, one hundred and twenty-five words a minute. Text: Standard Dictation Amanuensis secretarial by Music. Two semesters. Three credit hours per semester.

TYPEWRITING 213, 223.—

Writing letters from shorthand notes; addressing envelopes, manifold work; billing; mimeograph work; preparing legal paper; multigraph work. Speed at end of the course, eighty words a minute. Two semesters. Three credit hours per semester.

THE GROUP OF SOCIAL SCIENCES

F. A. Jackson, M. A., Chairman of Group and Head of Department of Economics.

H. A. Bullock, M. A., Head of Department of Sociology.

Mack T. Williams, A. B., B. D., Head of Dept. of Philosophy.

J. E. Pierce, A. B., Acting Head of Dept. of History.

C. E. McMillan, B. S.

M. J. Davis, B. S.

Students majoring in some department of the Group of Social Sciences must complete at least eighteen semester hours above freshman and sophomore work in some one department of the Group of Social Sciences, viz., Department of Economics, Department of Sociology, Department of History and Government, or the Department of Philosophy.

Department Of Economics

ECONOMICS 313.—Introductory Principles of Economics.

A general survey of the field of economics dealing with production, distribution, goods, exchange, prices, supply and demand. Textbook, problems and reports. Three credit hours. First semester.

ECONOMICS 323.—Continuation of 313.

A course dealing with money, banking, labor problems, foreign exchange, agricultural problems and consumption. Textbook, problems and reports. Term paper required. Three credit hours. Second semester.

ECONOMICS 313a.—Survey Course in Economics.

Open to Home Economics students only. A course dealing with rural life, farm production, population in rural and urban communities. The course will deal with the principles of economics and cover the general field of economics. Textbook, problems, reports. The credit hours. First semester.

ECONOMICS 412.—Insurance.

A general survey of the fundamental principles of insurance. The different types of insurance, life, casualty, fire, marine and miscellaneous. Textbook, problems, and reports. Prerequisite: Economics 313 or permission of instructor. Two credit hours. First semester.

ECONOMICS 422.—Principles and Practices of Insurance.

Continuation of the course 412. This course will deal with principal legal phases of fire insurance, marine, and casualty insurance. Reports, problems, and special lectures. Textbook.

ECONOMICS 423a.—Marketing of Agricultural Products.

Open to students in Division of Agriculture. This course covers the fundamentals of the science of the marketing of agricultural products. Among the important factors studied are agricultural commodities of all kinds, trade channels, and trade regulations. Topics to include cooperative associations, types of middlemen and their functions, price maintenance, and marketing policies. Textbook, reports, problems, special lectures.

ECONOMICS 323b.—Principles of Economics.

Open to Mechanic Arts students. An introductory survey of economics, dealing with money making activities of men in their effect upon production, work and life. Also customs of the money economy: profit seeking,

competition, control of industry by business men, together with the financing of business enterprise. Special work in industrial organization and management.

ECONOMICS 403.—Money and Banking.

A study of the history of money; bimetallism; legal tender; value of money; paper money. History of banking; functions of banks; credit and credit instruments; The National Banking System; the Federal Reserve System. Prerequisite: Economics 313 and 323 or special permission of the instructor. Textbook, reports, special lectures, problems, and individual reports. Three credit hours. Second semester.

THE DEPARTMENT OF HISTORY AND GOVERNMENT

The Department of History has so arranged its courses as to enable the students to have a comprehensive and appreciative view of man's past activities in the social, economic, political, and religious conflicts as well as to show how this has brought about our present institutions. It likewise tends to predict the future course of man and his institutions.

Constitutional History of Texas and the United States must be taken by all students entering the college after September 1, 1930 and desiring a certificate in the State of Texas.

The courses in Political Science are designed to give the student a knowledge of the formation, origin, and working of our government and of the governments throughout the world. A study will be made of the growth of party politics and the means of greater participation of the electorates in the government by the application of principles of democracy. A critical analysis as well as a comparison of different forms of government with new tendencies will be emphasized.

History

HISTORY 113.—Early Modern European History (1500-1875).

A comprehensive study of the period of discovery and colonization; rise of the national state; commercial rivalry; religious strife; dynastic jealousy and intrigues, together with the rise of the middle class; the Industrial Revolution and the beginning of democratic government. Map studies, collateral reading, reports and lectures. Three credit hours. First semester.

HISTORY 123.—Late Modern European History (1815-1930).

This course begins with the closing of the Napoleonic Wars and continues with the fall of dynasties, the rise of a new national feeling, spreading of democracy, commercial expansion, racial rivalry, emancipation of slavery, Empire building, finally culminating in the World War, world state and peaceful arbitration. Same methods as History 113. Three credit hours. Second semester.

HISTORY 102.—Constitutional History of the United States and Texas.
A brief survey study of the National government and the government of Texas. For freshmen only. Reports, class recitation and papers. Two credit hours. Either semester.

HISTORY 213.—History of the United States (1763-1860).
A brief survey of colonization of America, expulsion of the French, growth of national feeling, revolution, formation of National government, tariff, rise of political parties, slavery question, extension of suffrage and election of Abraham Lincoln. Three credit hours. First semester.

HISTORY 223.—History of the United States (Since 1860).
Emphasis is placed on secession, Civil War, reconstruction, winning of the west and foreign relations, growth of big business, territorial expansion, political and social reform, third party movements, banking, world leadership are especially emphasized. Papers, reports and lectures, map studies. Three credit hours. Second semester.

HISTORY 303.—Negro History.
This course offers a study of the American Negro and his African background, his effort for freedom, reconstruction problems, progress since freedom and the problem now facing him. Much emphasis will be placed on the present day solution offered by some of the outstanding organizations for economic, social and political problems. Prerequisites: History 213 and 223. Three credit hours. First and second semesters. (Not offered 1931-32).

HISTORY 313.—English (to 1603).
This course deals with the founding of the kingdom, tracing the growth of legal concept and constitutional limitation of monarch, rise of common law, reformation and representative government. Prerequisites: two semesters of History. Three credit hours. First semester.

HISTORY 323.—English History (since 1608).
The Divine Right of king, the protectorate colonization, the growth of the empire, naval supremacy, rise of the cabinet, form of government, overthrow of aristocracy, Irish question, colonial government, revolt of the American colonies, world empire. Textbook, collateral reading, lectures. Prerequisite: History 313. Three credit hours. Second semester.

HISTORY 403a.—Mediaeval Europe (300-1500).
The fall of the Roman Empire, migration of the barbarians, the rise of feudalism and the papacy, crusades, Renaissance, the rise of monarch, religious controversy, fall of Constantinople, printing press and the rise of commerce and the growth of cities. Collateral reading, term papers and lectures. Prerequisite: two semesters of history. Three credit hours. First semester.

HISTORY 413.—American Diplomacy.
This course gives a brief survey of the history of our foreign policy with emphasis on the Monroe Doctrine, isolation, our Latin American relations, waiting and watching in Mexico and our "Big Sister" policy in the Carribean. Prerequisites: History 213 and 223. Three credit hours. First semester.

HISTORY 423.—Imperialism and World Politics.
This course is designed to give a comprehensive view of the effort of modern imperialism on international relations of the nineteenth and twentieth centuries, showing how economic and political policies serve as a basis of diplomacy. Due consideration will be given to conflicts over raw materials, concession, colonies, protectorate and spheres of influence. Prerequisite: six semesters of History. Three credit hours. Second semester.

HISTORY 403.—Contemporary European History.
This course is an intensive study of twentieth century Europe. It gives a comprehensive view of conditions of Europe prior to the World War, the formation of the Triple Entente and efforts to outlaw war, together with a study of newly formed states in Southeast Europe and Russian Communism and Sovietism and some leading treaties with the possibilities of future wars. Three credit hours. Both semesters.

Government

POLITICAL SCIENCE 213.—American National Government.
The making of the National Constitution, principles of the Constitution, organization, procedure, and powers of Congress, relations of the Executive and Congress, the treaty-making process; the organization, jurisdiction, and procedure of the Federal Courts. Prerequisite: History 213 or its equivalent. Three credit hours. First semester.

POLITICAL SCIENCE 223.—American State and Local Government.
Origin and growth of state constitutions; state and federal relations; organization and work of the executive, legislature, and judiciary; suffrage, parties and elections; county, town and township governments; and relations between the state and local rural government, with special reference to Texas. Prerequisite: History 213 or its equivalent. Three credit hours. Second semester.

POLITICAL SCIENCE 313.—American City Government and Parliamentary Law.
Growth of American cities, the quest of efficiency, evil arising in urban congested population, form of city government, advantages and disadvantages of non-partisan movement in city politics, evil of ward politics, growth of initiation, referendum and recall, and how to preside over meetings and decide points of order. Three credit hours. First semester.

POLITICAL SCIENCE 323.—Introduction to Political Science.
This course is to give the student the cause and evolution of the state, theories underlying state, sovereignty, executives, legislature, judiciary, law and colonial government, emphasizing the function of the state, etc. Prerequisite: History 313. Three credit hours. Second semester.

AMERICAN INDUSTRIAL HISTORY 313b.—
The course traces the history of American agriculture, manufacture and commerce with related activities from their colonial beginnings to the present. European developments especially, the industrial revolution and expansion of commerce, are studied for the light they throw on American history. Throughout the course an attempt is made to trace the growth of our industrial organization and its present day aspects. Three credit hours. First semester.

CIVICS 323d.—
This course in Civics or actual government reviews definitely the fundamental principles and operation of our State and National governments including the essential principles of constitutional law. Among the subjects, especially, studies are the initiative and referendum, suffrage, and primary elections, the call, city government, National defense, taxation and finance, and the importance of political parties in our government. Three credit hours. Second semester.

DEPARTMENT OF PHILOSOPHY

PHILOSOPHY 213.—Introduction to Philosophy.
The introductory course in Philosophy is designed for undergraduates who are taking Philosophy for the first time. The course is both critical and constructive, and leads the students into an appreciable understanding of the major problems in the field of Philosophy. The course acquaints the student with the questions considered by those who have determined the trend of reflective thought and reveals their attitudes and method of approach. This course is preeminently fitted to develop the critical interest and appreciation which are so vital to the framing of a worthy philosophical conception. Three credit hours. First semester.

PHILOSOPHY 223.—The History of Philosophy.
This course makes the attempt to acquaint the student with the great thinkers of the past and the various problems in the field of Philosophy which have engaged the reflective minds of the world. The course attempts to have the students think critically and very constructively of themselves and the persons and things involved in our Universe. The course will be supplemented by special seminars at an appointed time. Three credit hours. Second semester.

PHILOSOPHY 313.—Problems of Philosophy.
An introduction to some of the main general problems of philosophy,

such as those of mind, nature, truth, and value; the field of philosophy and its relation to the special sciences and to scientific method. Prerequisite: Philosophy 213 and 223. Three credit hours. First semester.

PHILOSOPHY 323.—Contemporary Hellenistic Philosophy.
This course addresses itself to, and a larger application of, not only main trends of Hellenistic thought, but also the principles and truths discovered by the leading Greek philosophers. The problems of Life, Causation, Force, Immortality, God, the World, Matter and Motion will be reverently and dispassionately discussed with the student. The course will make great use of collateral readings in the Greek Primer, Liberal Thinking, seminars and lectures by the instructor. The course is open only to advanced students. Three credit hours. Second semester.

LOGIC 413.—
Introductory study of the methods of correct reasoning, deductive proof, inductive proof, arguments, etc. Three credit hours. First semester.

ETHICS 423.—
Introductory study of the development of moral codes and ideals; the problem of conflicts of interests; the nature of goodness; personal and social ethics; ethical theories and principles. Three credit hours. Second semester.

PHILOSOPHY 423a.—Philosophies of Life.
Introductory survey of the main classical philosophies of life, with a consideration of some of the ideals or values involved in the moral, religious aesthetic, and scientific points of view. Prerequisite: Philosophy 313, 323. Three credit hours. Second semester.

DEPARTMENT OF SOCIOLOGY

SOCIOLOGY 313a.—Introduction to the Study of Society.
A course in pure Sociology devised to acquaint the student with the origin of races and their characteristics, factors operating in social development and a study of such institutions as the church, family and state. Procedure of study is based on lectures, collateral reading, textbook and group reports. Three credit hours. First semester.

SOCIOLOGY 313b.—Social Psychology.
This course is concerned with the psychic basis of social life, social attitudes and the development of personality and its deviation from the normal. The procedure will be based on experimentation, collateral reading, textbook and lectures. Three credit hours. First semester.

SOCIOLOGY 323a.—The Family.
This is a course in domestic relations and is devised of incompatibility, divorce, illegitimacy, domestic disadvantages and advantages of modern industry and other problems that have to do with the family and its broad social aspects. Classroom procedure is based on case work, collat-

eral reading, textbook and lectures. Three credit hours. Second semester.

SOCIOLOGY 323b.—Race Relations.
The purpose of this course is to promote social thinking on problems of race relations. An attempt will be made to measure and consider racial and group contributions to our present civilization. Three credit hours. Second semester.

SOCIOLOGY 413a.—Social Anthropology.
This is a course in Social Origins dealing with the historical development of man and his culture. An attempt will be made to measure and consider racial and group contributions to our present civilization. Three credit hours. First semester.

SOCIOLOGY 413b.—Community Organization.
We are here concerned with the origin of social life in community. Such studies as Housing Conditions, Public Health, Recreation and Americanization will be of great interest, ever keeping their social aspect in the foreground. Three credit hours. First semester.

SOCIOLOGY 413c.—Social Case Work.
This is an outline study of social case work and aims to give the student a technique of approach to the systematic study of actual social cases. Compiled and non-compiled cases will be considered. Three credit hours. First semester.

SOCIOLOGY 423a.—Modern Social Problems.
This is an extensive study of eight social problems of modern concern. The class will be divided into groups for study of term work and periodic reports will be made in treatment of other problems. Three credit hours. Second semester.

SOCIOLOGY 423b.—Criminology.
This course presents a systematic study of the criminal as a person. It treats with crime as to its causes, its effects and its treatment. Court systems and prison procedure are studied and criticised as to their relation to crime and the criminal. Three credit hours. Second semester.

SOCIOLOGY 423c.—Social Research.
This is a course devised to acquaint the student with methods of social research. Both library and field methods will be used. The course will consist of half-time class work in the form of lectures and the rest of the time doing actual investigation. Three credit hours. Second semester.

SOCIOLOGY 411.—Civic Sociology; Modern and Social Health Movements.
This course is designed especially for students in nursing education, and will cover civic movements and problems with reference to health, public housing, play and recreation, and Americanization. Textbooks, reports, and problems. One credit hour each semester. First and second semesters.

DIVISION OF AGRICULTURE

L. A. Potts, B. S., Director.
E. B. Evans, D. V. M., Ass't Director and Professor of Veterinary Science
C. H. Banks, B. S., Ass't Professor of Vocational Education.
S. H. Settler, B. S., Professor of Farm Crops and Soils.
J. M. Alexander, B. S., M. S., Professor of Animal Husbandry.
J. C. McAdams, B. S., Professor of Rural Education and Itinerant Teacher Trainer.
E. L. Fair, B. S., Instructor in Animal Husbandry.
W. L. Webb, Instructor in Farm Management and Truck Gardening.
H. M. Kent, B. S., Instructor in Economics and Accounting.

CURRICULUM IN AGRICULTURE

The four year curriculum in agriculture is designed, primarily, to meet the needs of students who expect to return to the farm as practical farmers and farm managers, teach vocational agriculture in public schools, become county agricultural agents, and teach agriculture in private and state institutions. The course is also outlined to thoroughly prepare those who are interested in doing advanced study in the leading colleges of the country.

Instruction, not only in the principles of technical agriculture and other sciences that underlie practical agriculture, is required, but students are given, in addition to their laboratory work, definite projects, such as growing small acreages, curing sick animals, and producing hogs, poultry and cattle, on the college farm. To be specific, students are required, under supervision, to put their theory into practice. Included in courses in this Division is also sufficient English, Literature, Mathematics, History, Rural Sociology, Education, and General Science to develop the student to the level of Education in other professions.

DEPARTMENT OF INSTRUCTION

This department offers a four-year course leading to the degree of Bachelor of Science in Agriculture. The entrance requirements for this course are the same as for the other divisions of the college. The work in this department centers around instruction and practice in animal husbandry, crops, soils, horticulture, rural engineering, rural economics, rural sociology, veterinary science, rural education, and extension service. In addition to subjects purely agricultural, the student is given balanced instruction in professional and vocational subjects

and the sciences closely related to agriculture (see requirements for admission).

GRADUATION REQUIREMENT

One hundred and twenty-eight (128) semester hours of work must be completed, as outlined in the course of study for the division, before a degree of Bachelor of Science in Agriculture is granted.

SUMMER SESSION

The courses in the Summer Session are offered to meet the needs of those who are engaged in teaching Vocational Agriculture or Home Economics. Special attention is given to methods of teaching Vocational Agriculture, terracing, farm shop work, Veterinary Science, and thorough training in technical agriculture subject matter. The courses offered are of a collegiate grade and can be applied toward the degree of Bachelor of Science in Agriculture.

Description Of Course Of Study

AGRONOMY 313.—Cotton, Corn and Small Grain Production.
A thorough study of these crops, including the growing, harvesting, marketing and uses. Lecture 2, Laboratory 1. Three semester hours.

AGRONOMY 323.—Soil Fertility.
Formation of soils and the general principles of fertility, including the physical, chemical and bacteriological factors affecting crop production and plant nutrients; depletion, maintenance, and methods of perfecting a system of permanent agriculture. Lecture 2, Laboratory 1. Three semester hours.

ANIMAL HUSBANDRY 112.—Types and Market Classes of Livestock.
Judging types carcasses, markets and market classification. Lecture 1, Laboratory 2. Two semester hours.

ANIMAL HUSBANDRY 123.—Feeds and Feeding.
Composition and digestibility of feeding stuffs, physiology, preparation, feeding standards, and calculation of rations. Lecture 2, Laboratory 1. Three semester hours.

ANIMAL HUSBANDRY 312a.—Farm Dairying.
Secretion, composition, testing and separation of milk; the farm manufacture of butter, ice cream and cheese. Lecture 1, Laboratory 1. Two semester hours.

ANIMAL HUSBANDRY 322a.—Farm Dairying.
Consideration is given to the general management problem of large

and small herds, beginning a dairy herd; feeding and fitting animals for show and sale.

ANIMAL HUSBANDRY 213.—Poultry.
Scope of the industry, breeds, feeding, housing, sanitation, culling, incubation, brooding, marketing and caponizing. Lecture 2, Laboratory 1. Three semester hours.

ANIMAL HUSBANDRY 312b.—Swine Production.
This course comprises a systematic study of the economical methods of growing swine for the market and home use. The work includes practice in feeding, management and housing of swine. Lecture 2, Laboratory 1. Three semester hours.

ANIMAL HUSBANDRY 223.—Poultry Diseases, Parasites and Their Control.
This course is a study of efficient disinfection of incubator, effective method of cleaning brooder houses, handling of coccidiosis and bacillary white diarrhea infections. Considerable time is given as to how these disease are recognized and controlled.

ANIMAL HUSBANDRY 322b.—Farm Meats.
Killing, cutting and curing of farm meats. Lecture 1, Laboratory 1. Two semester hours.

HORTICULTURE 212.—Fruit Growing.
A study of the principles of fruit growing with special reference to Texas conditions; including location, varieties, soils, fertilizers; planting and cultural methods; pruning, spraying, harvesting and storing. Lecture 1, Laboratory 1. Two semester hours.

HORTICULTURE 222.—Vegetable Growing.
A study of the principles of successful vegetable gardening in the South with special reference to home gardening and canning. Lecture 1, Laboratory 1. Two semester hours.

RURAL EDUCATION 413Ag-t, 423Ag-t.—Observation and Practice Teaching.
The student participates in conducting class exercises and the control of the class room at first as an observer, but gradually entering into teaching responsibilities until he takes complete charge. This work is confined to teaching high school students. Lecture 1, Laboratory 2. Three semester hours.

RURAL ECONOMICS 412.—Farm Management.
A study of farm planning; choosing a farm; farm labor and equipment; farm tentantry; cropping and feeding system and production costs. Lecture 2. Two credit hours per semester.

RURAL ECONOMICS 423.—Management of Successful Texas Farms.
A study of the factors affecting the successful organization and opera-

tion of the farm business in Texas. The affect of different factors is carefully observed. Lecture 2. Two credits per semester.

RURAL ECONOMICS 423.—Marketing.
Principles underlying the successful agencies, legal rights and obligations arising out of marketing transactions; the middle man, special marketing problems and the present marketing system. Lecture 3. Three semester hours.

RURAL EDUCATION 413Ag, 423Ag.—Special Methods.
Courses of study; lesson plans; equipment, reference books, yearly outlines and surveys for at least two weeks of second semester, for teachers of vocational agriculture, will be devoted to Extension Methods. Lecture 3. Three semester hours.

RURAL ECONOMICS 413.—Organization and Problems.
Forces and factors in rural progress; the development and adaptation of rural institutions and organizations. Lecture 3. Three semester hours.

RURAL ENGINEERING 312, 323.—Farm Shop.
Woodwork, iron work, concrete mixing, rope and leather work, terracing and general farm tool repair. Lecture 1, Laboratory 1. Two semester hours.

SCIENCE 412a.—Plant Physiology.
Principles of absorption, conduction, transpiration, photosynthesis, respiration, growth, movement and reproduction. Lecture 1, Laboratory 1. Two semester hours.

SCIENCE 412b.—Economic Entomology.
A study of the life histories and methods of control of the chief economic species of insects. Lecture 1, Laboratory 1. Two semester hours.

SCIENCE 422a.—Plant Pathology.
Discussion of the nature, cause, and control of diseases of field and orchard. Lecture 1, Laboratory 1. Two semester hours.

SCIENCE 422b.—Entomology.
Field control of insects on the college and community farms. Lecture 1, Laboratory 1. Two semester hours.

SCIENCE 323.—Genetics.
Elementary Principles of heredity and their general value on the plant and on animal breeding. Lecture 3. Three semester hours.

VETERINARY SCIENCE 112, 123.—Anatomy and Physiology.
Anatomical and physiological structure of the horse, ox, pig, sheep and chicken. The digestive, respiratory, and genito-urinary organs will be studied in detail. Lecture 1, Laboratory 1. Two semester hours.
A study of the more common diseases of farm animals; their prevention and treatment; common unsoundness of the hourse and pathological shoeing. NOTE—Description of courses in English, Education, Mathematics, Chemistry, Zoology and Botany. (See Division of Arts and Sciences).

EQUIPMENT—ANIMAL HUSBANDRY

Livestock

For the study of the different breeds and types of animals this department maintains the following breeds of livestock: Beef cattle; Aberdeen-Angus. Dairy cattle: Holstein-Friesian Jerseys. Swine: Temworth, Poland-China, and Duroc-Jersey. In addition, a central hog house containing farrowing pens and a meat laboratory has recently been completed.

Poultry

This department maintains an eight-acre community poultry plant equipped with twelve 10x10 shed roof poultry houses and representatives of the following breeds: Plymouth Rocks, Leghorns. The poultry laboratory is located in Spence Hall and is equipped with three brooder stoves, inclubators, and suitable coops for the judging of poultry.

Dairying

One large room in Spence Hall is used for instructional purposes in farm dairying. This room is equipped with modern conveniences and machinery for handling market milk. The equipment includes six Babcock testers, 1 Bell churn, ice cream freezers, one large butter worker, one Perfection Junior Churn butter worker, capacity 57 gallons, test bottles, etc.

CROPS AND SOILS

Field Crops

A well lighted laboratory on the second floor of Spence Hall is used especially for Farm Crops. Use is made of a large collection of seeds and dried specimens of field crops especially those common to Texas and the Southwest. An many crops as possible are kept growing on the College farm so that the students can study them through the process of development from seed to harvest. This department also maintains seed testing apparatus, grass charts, illustrative charts and the latest types of farm machinery, including plows, harrows, cultivators, planters, mowers, binders, tractors, and a manure spreader.

Soils

This department has a large well lighted, well ventilated laboratory about 30x30 feet and equipped to accommodate thirty students. The equipment in apparatus includes, besides general apparatus, a complete outfit for the chemical analysis of soils, including digesting and distilling torsion balance scales, steam bath and colorimeter for nitrate determination.

Horticulture

A thriving school vegetable garden with an irrigation system is maintained and the student has ample opportunity to study the growth and habits of vegetables throughout the year. Marketing and grading are taught by having the student prepare the vegetables for marketing in the school dining hall and the College Exchange. A small orchard is maintained for the study of fruits. A canning plant equipped with all modern machinery makes it possible to teach the student what to do with his surplus and to avoid waste. The canning plant is equipped with two retorts, one blanching kettle, one cooling vat, four Burpee can sealers, four scalding baskets, scales, tables, and other general apparatus necessary for canning vegetables.

VOCATIONAL AGRICULTURE

The department maintains a room especially equipped for the teaching of Vocational Agriculture. Both plant and animal production are stressed. The room is equipped with seed testers, Babcock testers, feed samples, pictures, illustrative charts, books, bulletins and a complete outfit of farm shop tools. For the project work the department maintains a sufficient acreage for plant and animal production.

Farm Shop

The department occupies a three room Rosenwald Model "B" Farm Shop Building, erected in 1928. It contains a large classroom, a work shop and a shed in the rear for blacksmithing. It is well equipped with tools and material and gives to the student a thorough course in farm carpentry, farm blacksmithing, harness repairing, rope work, concrete mixing and other farm jobs of a mechanical nature.

The School Farm

The School farm comprises 1,435 acres of which the prevailing type of soil is a sandy loam. About 400 acres are under cultivation in field crops, orchards, and garden crops; the immediate campus and residences occupy about 75 acres, and the remainder is devoted to pasture with small wood lots here and there. The farm also possesses two large barns, two silos, a number of sheds, twelve head of mules and two horses.

Department Of Veterinary Science

The department of Veterinary Science has excellent equipment for instructional purposes. The department occupies a building that has been recently constructed for the sole purpose of instruction in Veterinary Science. It contains office (Dispensary, Bacteriology Laboratory, Clinic Room, Operating Room and Stable. The equipment consists of the most modern surgical and obstetrical instruments, sanitary steel cages, barn equipment for experimental animals) and large and small operating tables. The department also possesses a very valuable collection of pathological and normal specimens and plaster cast models of various organs, all of which are used in class room work.

OUTLINE OF COURSE OF STUDY IN AGRICULTURAL EDUCATION

The first arabic numeral following the name of a subject indicates the year in which the course is given; the second numeral indicates the semester, and the third numeral indicates the number of semester credits.

FRESHMAN

First Semester		Second Semester	
English Composition and Rhetoric	113	English Composition and Rhetoric	123
Mathematics Mathematical Analysis	113a	Mathematics Math. for Agri. Students	123
Science* Inorganic Chemistry	114b	Science* Qualitative Analysis	124b
Animal Husbandry Market Classes	112	Animal Husbandry Feeds and Feeding	123
Veterinary Science Anatomy and Physiology	112	Veterinary Science Anatomy and Phys.	123
History Constitution of U. S. & Texas	112	Infantry Military Training	121
Infantry Military Training	111		

SOPHOMORE

First Semester		Second Semester	
English Public Speaking	213	English Journalism	223a
Animal Husbandry Poultry Production	213	Animal Husbandry Poultry Diseases, Insects and their control	223
Science* Organic Chemistry	214a	Science* Quantitative Analysis	224
Science General Zoology	214	Science	224

First Semester		Second Semester	
Horticulture Fruit Growing	212	Agricultural Botany Horticulture Vegetable Growing	222
Infantry Military Training	211	Infantry Military Training	221

JUNIOR

First Semester		Second Semester	
Agronomy Cotton, Corn & Small Grain	313	Agronomy Soil Fertility	323
Science Gen. Bacteriology	313	Science Genetics	323
Education Class Room Management	313a	Rural Education Study of Rural Schools	323rs
Animal Husbandry Farm Dairying	312a	Animal Husbandry Farm Dairying	322a
Animal Husbandry Swine Production	312b	Animal Husbandry Farm Meats	322b
Rural Engineering Farm Shop	312	Rural Engineering Farm Shop	322
Infantry Military Training	311	Infantry Military Training	321

SENIOR

First Semester		Second Semester	
Rural Education Special Methods	413Ag	Rural Education Special Methods	423Ag
Rural Economics Rural Organization & Problems	413	Rural Economics Marketing Agr. Products	423
Science Economic Entomology	412b	Science Field Control of Insects	422a
Science Plant Physiology	412a	Science Plant Pathology	422b
Farm Management Production of Crops & Animals	412	Farm Management Management of Successful Texas Farms	422
Rural Education Observation & Practice Teaching	413Ag-t	Rural Education Observation & Practice Teaching	423Ag-t
Infantry Minitary Science	411	Infantry Military Science	421

* Agricultural students will be given three credit hours for this course.

FACULTY OF THE DIVISION OF HOME ECONOMICS

Elizabeth C. May, B. S. in H. E., Director.

Essie J. Anderson, M. S.	Elcena F. Martin, B. S.
Nellie Bishop Dillon, B. S.	Mary I. Moore, A. B.
M. Irene Pride, B. S.	Margaret E. Burns, Ph. B.
Ophelia C. Hubert, B. S.	Grace L. Smith, A. B.

The degree of Bachelor of Science is conferred upon candidates who have completed all prescribed courses, and met all other requiremnts. One hundred and twenty-eight semester hours of acceptable work must be completed before the degree is granted.

AIM OF DIVISION

The value of technical training to the individual has been recognized, because of the vast amount of research in sciences and the present day development of the industries, arts and professions. It is no longer enough that one have a knowledge of the general subject, for an educational system which combines industrial, technical and scientific subjects, has been found to bring to the student, power to express in every day life, ideas learned in the class room.

The aim of this college course in Home Economics is to inspire and stimulate interest in continued study, to train in accuracy, to help the student find her place in the social and economical world, and to increase the student's stock of information.

The course, as outlined below, is designed to meet the needs of the following groups of persons: Those who plan to teach, those who wish to enter graduate courses leading to technical and professional work, and those who wish to use such training in solving home problems.

The training is as varied as it is broad. It includes knowledge of health laws, an understanding of sanitation, wise expenditure of time, labor and money, selection and preparation of food, proper care of children and selection, making or purchasing of clothing. Experience teaches that such training leads to contentment, industry, order and cleanliness. It fosters woman's independence, and feeling of responsibility.

The work in Home Economics includes: A four-year curriculum leading to the Bachelor of Science degree.

OUTLINE OF COURSE OF STUDY IN HOME ECONOMICS

FRESHMAN

First Semester		Second Semester	
English Composition and Rhetoric	113	English Composition and Rhetoric	123
Chemistry Inorganic	114b	Chemistry Qualitative Analysis	124b

Education 112a
Freshman Orientation
Education 112b
Intro. to Edu. & Teaching
History 102
Constitutional History of U. S. and Texas
Mathematics 113a
Mathematical Analysis
Physical Education 112

Education 123
General Principles of Psychology
Clothing 123
Textiles and Clothing
Mathematics 123a
Mathematical Analysis
Physical Education 122

SOPHOMORE

First Semester	Second Semester
English 213	English 223a
Public Speaking	Journalism
Chemistry 214	Chemistry 224
Organic	Organic
Education 213a	Education 223he
Intermediate Methods	Vocational Education
Foods 213	Foods 223
Elementary Nutrition	Elementary Nutrition
Physiology 313	Physiology 323
Principles	Principles
Physical Education 212	Physical Education 222

JUNIOR

First Semester	Second Semester
Education 313a	Education 313b
Class room Management	Child Psychology
Economics 313	Sociology 323a
Survey of Economics	The Family
Bacteriology 313	Education 333he
General	H. E. Methods
Clothing 313	Clothing 323
Children's Clothing	Adv. Clothing Construction
House 312	House 322
Planning & Furnishing	Management
Art 312	Art 322
Art Structures	Art Structures

SENIOR

First Semester	Second Semester
*Education 411he	H. E. Agriculture 422
Home Economics Problems	
**Education 403he-t	Home Nursing 422
Student Teaching	
**House ..... 413 or 423	Foods 423
Practice House & Family Relationships	Nutrition
Parental Education 413	Art 423
Child Care & Training	Color & Its Application
Foods 413	Clothing 423
Advanced Nutrition	Problems in Adv. Clothing
Parental Education 411	
Nursery School Observation	
Electives ..... 2 semester hours	

* Taken same semester as Student Teaching.
** Taken either semester.

Electives:

Handicraft 422	Adv. Clothing Design 422
Millinery 422	Quantity Cookery 422

DEPARTMENT OF HOME ECONOMICS EDUCATION

EDUCATION 223he.—Vocational Education.
This course is designed to give the student an appreciation of the place of vocational education in our present day system of education and a knowledge of its extent and possibilities. Three credit hours. Second semester.

EDUCATION 333he.—Home Economics Education.
This course is outlined to prepare students for student training and to give an appreciation for the development of woman's education, the Home Economic's movement and to set standards of good teaching methods and testing. Practice in planning courses, lessons and observing model lessons is also included. Three credit hours. Second semester.

EDUCATION 411he.—Home Economics Problems.
Actual teaching problems are brought to class and solved. Teaching aids are exchanged, work measured and comparisons made. Possible solutions of problems from teachers already in the field are worked out by the class. One credit hour. Either semester.

EDUCATION 403he-t.—Teaching Home Economic Subjects.
One quarter of actual teaching in secondary school classes under supervision is required. Some of the work is done in a combination laboratory in training school and some in Hempstead. Hempstead, being Smith-Hughes aided and supervised, offers an excellent opportunity in it, and gives the teacher in training a chance to meet many situations typical of those she will meet after graduation. Three credit hours. Either semester.

DEPARTMENT OF APPLIED AND RELATED ART

ART 312.—Art Structure.
This course is planned for the promotion of thorough knowledge of line, dark and light, and color for an understanding of art principles and color which may be applied to the home, school and dress. Two hours. First semester.

ART 322.—Art Structure.
This course aims to make application of the principles of design and color to practical and aesthetic values of the home, school and dress with the use of standard illustrative materials. Two hours. Second semester.

ART 423.—Applied Art.
This courses deals with the methods of combining line, dark and light color in developing original experience. It is parallel with advance clothing. Two hours. Second semester.

ART 422.—Handicraft.
This course aims to give practice in the application of all principles to the making of small accessories for the home, school and wardrobe. Elective. Two hours. Either semester.

DEPARTMENT OF CLOTHING

CLOTHING 123.—Textiles and Clothing.
A study of commercial patterns based on the principles of drafting. Some study is given to principles of the proper selection of fabrics and the fundamental processes of clothing construction, including the use of the sewing machine and its attachments, as applied to the making of uniforms for foods classes. Selection, care of clothing, and buying from the artistic, hygienic, and economic standpoints, including a general study of textile materials. One hour Lecture, 2 hours laboratory. Second semester.

CLOTHING 313.—Children's Clothing.
This course deals with the problems involved in the selection and construction of garments for children and infants. One hour lecture, 2 hours laboratory. First semester.

CLOTHING 323.—Advanced Garment Construction.
Practice in the application of the principles of costume design; the development of technique in the construction of various types of garments. Three hours. Second semester.

CLOTHING 423.—Advanced Problems in Clothing.
Designed for those who plan to major in clothing; includes modeling and draping with the use of the dress forms. One hour lecture, 2 hours laboratory. Second semester.

CLOTHING 422.—Millinery.
Designed to establish definite standards for the selection of becoming hats. It includes a study of color, line and texture; renovation and remodeling of hats. Elective. Two hours laboratory. Either semester.

DEPARTMENT OF THE HOUSE

THE HOUSE 312.—House Planning, Furnishing.
This course is designed to give the student a practical knowledge in developing and judging house plans for specific locations and those adapted to meet the needs of groups of varying income levels. It emphasizes the furnishing, equipment and care of homes for the moderate and low income groups. Two hours. Lecture. First semester.

THE HOUSE 322.—Household Management.
This course precedes the course in Home Management residence and is designed to give the student an opportunity to study some of the problems of the home. Two hours lecture. Second semester.

THE HOUSE 413 or 423.—Suprevised Household Management—Practice House.
This course is designed to give the student experiences in group living and opportunities to practice skills and techniques learned elsewhere. Three hours. Either semester.

DEPARTMENT OF CHILD TRAINING

PARENTAL EDUCATION 413.—Child Care and Training.
A study of the child's growth and development. Three hours. First semester.

PARENTAL EDUCATION 411.—Nursery School Observation.
This course is designed to give the student a chance to observe the growth and development of the child. One hour. Either semester.

HOME ECONOMICS AGRICULTURE 422.—
This course includes the study of poultry, home dairying, and gardening. Two hours. Second semester.

HOME NURSING 422.—

It is evident that for many years to come the vast majority of the sick will be cared for in the home by their relatives, and that efforts to improve conditions must include the extension of a knowledge of elementary methods of how to prevent disease, to women and elder girls, in the homes, who have the care of the sick thrust upon them. This course is planned to give such knowledge. Two hours. Second semester.

DEPARTMENT OF FOODS

FOODS 213.—Elementary Nutrition.
Elementary nutrition is taught in such a way that students may recognize the relation between food and health. Ettiquette in various methods of preparing and serving meals is emphasized. One hour lecture, 2 hours laboratory. First semester.

FOODS 223.—Food Problems.

Classification, composition, occurrence, general properties of foods, food values in relation to cost, place of various foods in diet. Scientific principles applied to cooking processes and why. Definite standards established for products. Food problems of the consumer. Study of quality and cost of foods on the market. Special emphasis of management factors including budget, time and money involved in meal preparation. Principles of preservation. One hour lecture, 2 hours laboratory. Second semester.

FOODS 413 and 423.—Advanced Nutrition.

A study of food constituents, their occurence in different foods and their digestibility. Principles of normal human nutrition are studied and applications are made of them to practical feeding problems of the individual. Prerequisite: A considerable background in natural science is desirable. One hour lecture, 2 hours laboratory. Each semester.

QUANTITY COOKERY 402.—

This course includes problems in management, buying by wholesale, use of left-overs. Supervision and actual labor in preparation and serving food for a large number of people. Elective. Two hours. Either semester.

DIVISION OF MECHANIC ARTS
FACULTY OF THE DIVISION

J. J. Abernethy, B. S. in M. E., Director.
C. L. Wilson, M. E., Professor of Mechanic Arts.
W. T. Daniels, B. S. in C. E., Assistant Professor of Drawing and Design.
*G. O. Sanders, B. S., Teacher Trainer in Industries.
F. G. Fry, B. S. in E. E., Chief Engineer.
N. A. Jones, Instructor in Machine Shop Practice and Auto Mechanics.
R. F. Johnson, Instructor in Shoemaking.
Wm. Cook, Instructor in Printing.
Wm. Muckleroy, Instructor in Plumbing and Steam Fitting.
D. F. Dailey, Instructor in Blacksmithing and Wheelwrighting.
A. J. Wallace, Instructor in Practical Carpentry.
Allice V. Muckleroy, Instructor in Tailoring.
I. L. Jacquet, Instructor in Brickmasonry and Plastering.
**Chas. G. Oler, Assistant in Printing.
Sadie Allen Johnson, Assistant in Printing.
A. G. Cleaver, Broom and Mattress Making.
Edward Johnson, Instructor in Auto Mechanics.
T. H. Brittian, Instructor in Carpentry.
R. Adams, Instructor in Carpentry Repairing.
Heneritta Farrell, B. S., Instructor in Hatmaking and Laundering.
Erma Scott, Assistant in Laundering and Dry Cleaning.
F. E. Sparks, Assistant in Laundering and Dry Cleaning.
Victoria Taylor, Assistant in Laundering and Dry Cleaning.
James Johnson, Assistant in Laundering and Dry Cleaning.
T. E. Neal, Assistant Engineer.
D. W. Martin, B. S., Assistant Electrician.
A. I. Watson, Assistant Engineer.
A. Charleston, B. S., Assistant Engineer.
A. L. Jones, Telephone Operator.
G. P. Shields, Assistant Telephone Operator.

* Resigned November 1, 1930.
** Part year.

AIMS OF THE DIVISION

The aim of the division is to provide technical training and training in the essentials of Industrial Education. The Division also provides training in the skilled trades to meet the demands for craftsmen.

The Division offers a four-year curricula in Mechanical Arts and Industrial Education. The Mechanical Arts course is outlined so as to give training of an engineering nature, with particular emphasis on Building Construction. The Industrial Education curricula prepares a student to become a teacher of the trades, or a Vocational Education director in the city schools. Upon satisfactory completion of the courses, the degree of Bachelor of Science is awarded.

Besides the four-year professional curricula, the division offers one, two and three-year courses in trades. The trade courses are outlined to prepare young men and women to become skilled craftsmen. The courses are so outlined as to require the student to spend one-half time in shop practice, and one-half time studying related subjects. A student showing a high degree of proficiency while pursuing a trade will be given work at the college for which he is paid, and given credit for as shop practice.

EQUIPMENT

Auto Mechanics Shop

The Auto Mechanics Shop occupies a space of 47x51 feet on first floor of the Industrial Engineering building. The equipment of this department is modern and provides for adequate instruction and practice in all phases of automotive work. The shop equipment includes one cylinder grinding machine, one electric drill, one hydraulic drill, one oxy-acetylene welding outfit, one armature testing machine, one weaver jack, and two standford 2-ton capacity block chains, one 18 cubic foot capacity automatic air compressor, one Devilbiss painting outfit, one 75-pound capacity Graco pneumatic greasing machine, and one electric driven car washer. There is also an ample and complete supply of hand tools and instruments including: hammers, various wrenches, punches, calipers, micrometers, scales, files and reamers. Students of this department also have access to the tools and equipment of other departments whose work is associated with Auto Mechanics.

Blacksmith And Wheelwright Shop

The Blacksmith and Wheelwrighting Shop is located on the first floor of the Industrial Engineering building. In the shop are eight Buffalo down draft forges with anvils and necessary tools. Draft is furnished by a No. 6 Canedy and Otto blower and the smoke is carried away by a No. 8 Buffalo exhauster. The shop is further equipped with five large benches and vices, and one No. 200 Champion hand drill, one power hack saw, one tire bender, one emery stand, two swedge blocks, two mandrels, one hand forge, and necessary wood working tools, also a new House Cold Tire Setter. The power is furnished by a 7½ horse power electric motor, overhead shafting and belting.

The equipment in this department is excellent and sufficient in quantity to meet the needs of the classes at the present time. Additions are being made to it each year.

The Broom And Mattress Shop

The Broom Shop is located on the first floor of the Industrial Engineering building and occupies a space about 31x51 feet. This department has the following equipment: five foot-power winders, three Faultless presses, one power cylinder craper, one power winder, one set of scales and small tools necessary for broom-making.

The Mattress Shop situated across the hall from the broom shop is also 31x51 feet. It is equipped with one 24-inch Cotton picker, one electric power sewing machine, one foot-power sewing machine and other minor equipment including scales.

Carpentry Shop

The Carpentry Shop is located on the ground floor of the Industrial Engineering building and consists of a shop portion which is 51x66 feet, a tool room 12x20 feet, a finishing room 15x26 feet and a lumber room 12x30 feet. It is equipped with 20 work benches, each having ample sets of tools to accommodate the classes including: one 36-inch motor driven band saw, one Tannewitz tilting arbor variety saw with direct motor drive, one 20-inch motor driven jointer, one motor driven planer, one motor driven shaper, one motor driven tool grinder, one wood trimmer, 5 turning lathes, one automatic whole heat glue pot and one sanding machine. The shop is well equipped for doing all kinds of cabinet and carpentry work.

Electric Repair Shop

This shop occupies a space of 30x51 feet on the first floor of the Industrial Engineering building. It has the following equipment for doing high-grade electrical repair and laboratory work: six high voltage transformers, one armature testing machine, 2 A. C. voltmeters, 2 D. C. voltmeters, 4 A. C. ammeters, 3 wattmeters, 2 D. C. millivoltmeters, 5 portable shunts, one 1-k.w. motor generator set, one electric lead burning outfit, (made in Prairie View) two plate burning racks, one switchboard, one Cadium test outfit, one high test instrument, and hydrometers. A number of single and polyphase motors are available for testing and practice work also. The shop is well equipped for doing all kinds of electric work including storage battery work.

Engineering And Construction

The drafting department comprises two large drafting rooms 21x34 feet on the second floor of the Industrial Engineering building. These rooms are arranged so as to give excellent light and ventilation. Each drafting room contains 2 large drafting tables, 9 small drafting tables with compartments for instruments. One filing cabinet and teacher's desk, and one 15-inch paper cutter. There are stools for each table. The department also has 2 additional large drawing tables, 12 Essex drawing tables, one Pease senior vertical blueprinting machine, one Pease sheet washer, 2 blueprint filing cabinets and many minor accessories for instruction.

The Civil Engineering Department is equipped as follows: One K and E transit and one K and E dumpy level, both mounted on tripods,

three flag poles and the required number of pins, one 100-foot steel tape, and two Philadelphia rods.

The Construction Department consists of Rex S concrete mixer equipment with power loader, automatic water two-cylinder Le Roi gasoline engine on trucks ready to operate, No. 15 H. & E. single action hoist equipped with 15 h.p. Le Roi gasoline engine, 2,000 pounds single line pull, speed 175 feet per minute, two house builders saw rigs with Le Roi gas engines attached, one concrete mixer equipped with gasoline engine on wheels so that it is easy to move about, and one American floor surfacing and sanding machine, motor driven, and one Edwards hand power shearing machine.

Ice Plant

The Ice Plant, located on the west side of the Power plant building, is 20-68 feet and is well equipped with modern equipment for ice making. It has a capacity of nine tons of ice a day. The equipment is as follows: one 7½x7½x7½ York ammonia compressor driven through a Lenix drive by a 28 h.p. synchronous motor, one 18-ton freezing tank, one 20-ton cold storage room, one 20 stand air condenser, and an overhead hoist. The agitator, brine circulating pump, water circulating pump, core sucker and air blower are all motor driven by individual motors. The equipment also includes a well insulated cooling tower and other minor features essential to the efficient operation of the plant.

Laundry And Hat Shop

The Laundry is a two stroy brick building located west of the Mechanical building, occupying a space approximately 10,000 square feet of floor space and fully equipped as follows: two large mangles, five pressing machines, six washing machines, two extractors, one large dry room, one set of sox and stocking ironers, one shirt machine, one collar starching machine, one collar ironing machine, one collar dampening machine, one electric marking machine, about eighty ironing boards, 2 troy-motor driven washers, one large starch kettle, two shirt cuff ironers, one shirt neck band ironer and one sewing machine; one Vento drying tumbler, and a new 6-roll Troy ironer has been added recently.

In connection with our Laundry there is a hat making department equipped with the following: one hatter's blocking machine, one finishing bench, and one hatter's sewing machine.

Machine Shop

The Machine Shop and Auto Mechanics are combined and are located in the east side section of the Industrial Engineering building.

The Machine Shop is equipped with four 13-inch lathes, one 16-inch lathe, power hack saw, drill press, two emery stands, arbor press, 24-inch shaper, one Kempsmith Milling machine, one Gebhardt planer, one Pratt and Whitney shaper and such tools as are needed with the above listed machines.

Masonry Shop

The Masonry Shop, located on first floor of the Industrial Engineering building, occupies a space of about 31x51 feet. The tools and equipment of this shop are as follows: 6 brick trowels, 6 plastering trowels, 4 Hawks, one 100-foot steel tape, one Hawk Mason line, one Stone mallet, one steel square, one pair snips, one divider, one cement groover, one cement edger, one base tool, one Carborundum brick, one saw, one plumb bob, two brick sets, and one lather's hatchet. The tools and equipment of this shop are satisfactory to meet the demands of the classes in Bricklaying, Concrete work and Plastering.

Plumbing And Heating Shop

The department of Plumbing and Heating is located on the first floor on the west side of the Industrial Engineering building and occupies space of 51x47 feet.

The division is equipped with machines for cutting and threading pipe up to ten inches, all tools are of a gold metal type, wrenches for every type of plumbing and heating work, full sets of lead working tools, one-half set of sheet metal working tools, and one motor driven pipe threading machine.

In this division more than ten thousand dollars worth of practice work is done each year, enabling any young man to become well trained in this line of ever growing industry.

Power Plant Department

The Power Plant, located just south of the New Classroom building, is a modern fireproof brick structure with approximately 10,000 feet of floor space. It comprises the steam and water works plant which furnishes steam for power, heating the buildings, laundry purposes, cooking, etc. All the water used by the school is furnished by this plant. The electric plant furnishes electricity for lighting of buildings, campus lights, and motor power for the laundry and the various other shops.

Aside from the purposes mentioned above the power plant serves as a practical laboratory for the students in the Engineering Department. The following is a list of equipment in the steam and water works plant: one 125 h.p. Murray Boiler, one 125 h.p. Babcock & Wilcox Water Tube Boiler, one 250 h.p. O'Brien Water Tube Boiler, two 125 h.p. Atlas Fire Tube Boilers, one 209 h.p. Union Iron Works Water Tube Boiler, one 500 h.p. Cocrane Feed Water Heater, one 7½x4½x10-inch Worthington duplex feed water pump, one 12x10x12-inch Ingersoll Rand Air Compressor, one 11x14-inch Erie Ball High Speed Steam Engine directly connected to 125 K.V.A. G. E. Generator, one 9x10-inch Erie Ball High Speed Steam Engine belt connected to 30 K.V.A. Electric Machinery Generator, one 94 K.V.A. Westinghouse Turbo Generator set, one 15x15

Skinner high speed engine direct connected to a 125 K.V.A. General Electric generator, one 300 h.p. Worthington centrifugal pump direct connected to a 20 h.p. General Electric motor, one 12x10x12 Pennsylvania air compressor and two 7¼x14x7¼ Worthington duplex fire pumps, 6 Forney combination gas and oil burners, 2 Neilan-Shumacher boiler gas regulators, one 50-inch Wescott orifice gas meter with charts and ink, 1 Patterson-Kelley fuel oil heater, two 12,800 gallons fuel oil tanks, 2 Fisher boiler feed pump governors, 4 S. C. Boiler feed water regulators, 1 Manistee Roturbo boiler feed pump coupled to General Electric Steam turbine, 1 Ranarex CO-2 indicating and recording meter, 4 Hays differential draft gauges, 4 distribution transformers, 1 General Electric type A voltage regulator, 12 Watthour meters, 3 Illinois Steam traps, 1-350 G. P. M. Domona Turbing Type Deep Well Pump, 1 Smith oxy-acetylene welding and cutting apparatus, and 1 Wheeler surface condenser.

Printing Department

The Print Shop is located on the first floor, west side of the Industrial Engineering building and occupies floor space of about 62x51 feet.

The Print Shop is equipped with six double type stands with news and job cases, one cabinet containing 23 cases of job and display type, two large imposing stones, one wood imposing table complete with reglet, wood furniture, letterboards, sort drawers, 96 steel sort boxes, coffin and marble imposing surface; one case of metal furniture, one Chandler & Price 23-inch paper cutter, one punch and round cornering machine, one 20½-inch Rosback perforator, one 10x15 Chandler & Price job press, one 12x18 Chandler & Price job press equipped with Miller Automatic Feeder, one 5-column quarto cylinder press with motor equipment, one Modle 14 Linotype equipped with electric drive and electric heating system, one Model 1 Linotype, used especially for instruction of students, one Linotype practice keyboard, one new Latham power wire stitcher in the bindery, one Superior Auxiliary saw trimmer, 1 No. 4 Miehle Printing Press, also, one Brown Folding machine. All machines are equipped with individual motors.

Shoemaking Department

The Shoe Department is located in the east section of the Industrial Engineering building on the first floor. The shop has modern equipment, occupies a space of 51x31 feet, and accommodates twenty or more students.

The equipment includes: one hydraulic sole cementing machine, one metallic fastener, one Denmanic toplift stander, one complete set of toplife dies, one sole stitcher, No. 12 Model F., electric heated, three universal feed Singer machines for circular or patch work. One cylinder head Singer vamping machine for straight sewing and upper making, one tap moulder, one Progressive sole cutter, two eyelet and hook machines, two lasting jocks, three sets of men's wood lasts, one set of ladies wood lasts, one tip perforator, one pattern drafting table, one 22-foot finishing machine and a 6-foot foot-power Model 92 American finishing machine, ball bearing; two magazines that have all the new styles of shoes, boots with directions for making them. We also have one stitch impression machine, numerous hammers, iron stands, iron lasts, nail dishes, shoe knives, awls, heel removers, tape measures, size sticks, shoe makers' benches, two last shelves, one pattern shelf and every necessary small tools and equipment to enable students to receive the best training in repairing and making shoes. The power is furnished by two 5 h.p. electric motors. The equipment also includes one electric Landis Metallic Stapling machine, one Hydro-Shoe Press, one Champion Nailing machine, and one Gadi Shoe Nu-Glazing machine.

Tailor Shop

The Tailor Shop is 42x26 feet and is located in the southwest corner of the Industrial Engineering building. It is so arranged as to give ample light and ventilation. The shop is spacious and modern in its equipment with one large triple mirror, eight foot-power Singer sewing machines, six neat work tables, four 20-pound electric irons, one Hoffman steam press, four adjustable forms for fitting garments, and minor tailoring implements (such as shears, squares, yard sticks, rules and measures), to well take care of as many as fifty students.

The very late fashion cuts and monthly journals from the Mitchell School of Tailoring, New York City, in connection with their Standard System of Cutting (ninth edition), and the Progressive System used by the competent instructors in the department enables the students to receive the very best training in tailoring.

OUTLINE OF COURSES IN MECHANIC ARTS

FRESHMAN YEAR

First Semester		Second Semester	
English	113	English	123
Education	112b	Education	123
Chemistry	114	Chemistry	124
Algebra	113	Trigonometry	123
Engineering Drawing	112	Descriptive Geometry	121
Shop Work	R	Constitutional History	102
Military Science	111	Military Science	121

SOPHOMORE YEAR

First Semester		Second Semester	
Education	213a	Education	223b
Physics	214	Physics	224
Analytic Geometry	213	Calculus I	223
Mechanism	213	Elements of Steam & Gas	222
Machine Drawing	212	Surveying	223b
Shop Work	R	Shop Work	R
Military Science	211	Military Science	221

JUNIOR YEAR

First Semester		Second Semester	
Education	313a	Education	323b
Calculus II	313	Heat Engines	323c
Applied Mechanics	313	Strength of Materials	323
Architectural Drawing	313a	Architectural Drawing	323a
Chemistry	315m	Electricity	323b
Shop Work	R	Shop Work	R
Seminar	R	Seminar	R
Military Science	311	Military Science	321

SENIOR YEAR

First Semester		Second Semester	
Hydraulics	413	Reinforced Concrete	423
Heating and Ventilation	413a	Design	423a
Graphic Statics	412a	Estimating	423d
Business Law	412	Engineering English	422a
Vocational Education	413e	Vocational Education	423e
Communicative Engr.	413c	Shop Management	423c
Thesis	R	Thesis	R
Military Science	411	Military Science	421

COURSE IN MECHANIC ARTS

The course in Mechanic Arts is designed to give a thorough training in fundamental principles of engineering and industry. The instruction is given by means of lectures, recitations and practice work in shop and laboratory. It is not possible in the short time to give the student skill in trades that comes from long practice but his work may be deemed as an apprenticeship and since his mind is trained his advancement in any branch will be rapid. The main object is to have so trained him that it will give him a broader view of the whole industrial system.

Training is given in technical subjects such as mechanics; drawing; electricity and hydraulics. This training will still better fit them for any

work related to the trades as each subject is given in such a way as to show its industrial application.

Cultural development is not neglected. English literature, history, and economics are offered. Strong courses in science and mathematics are offered since they are closely related to modern industry and engineering..

Courses in Education are offered in order that the student may be able to understand the principles and purposes underlying this branch. The study of the human mind as applied to education and industrial life is conducted. The educational progress of this and other countries is studied. Methods, School Administration and Vocational Guidance are also studied.

The whole course is outlined so as to make not only an intelligent industrial leader but also men that will be able to take an active part in the community in which they live.

The graduate of this course will be equipped to become a teacher of related subjects such as physics, chemistry, mathematics and drawing in vocational schools; and with a few months of outside experience in one of the trades; teacher of that trade of field worker in industrial education. There is a growing demand for teachers of this class.

The graduate will also be fitted to become a leader in the trade he wishes to follow. He may become a carpenter, plumber, blacksmith, auto mechanic and finally a director of these various enterprises, such as a garage owner.

In addition he has the proper foundation for further engineering studies.

The student on satisfactorily completing this course will be awarded the degree of Bachelor of Science in Mechanic Arts.

DESCRIPTION OF COURSES IN MECHANIC ARTS

ENGINEERING DRAWING 112.—
The selection and use of drawing instruments, construction of geometrical figures, lettering, orthographic projections and selections, and pictorial methods of representation. Laboratory 2 hours credit.

DESCRIPTIVE GEOMETRY 121.—
Prerequisite: Engineering Drawing 112. More advanced problems than in Engineering Drawing, involving the point, line and plane; the intersection and development of the surfaces of geometric solids and practical applications of the principles involved. Laboratory 1 hour credit.

MECHANISM 213.—
Prerequisites: Plane trigonometry and Descriptive Geometry 121. Principles underlying the actions of the elementary combinations of which all machines are composed; communication of motion of gear wheels, belts, cams, screws, and link work; parallel the various means of pro-

ducing definite changes of velocity; principles of epicyclic trains and quick return motions. Lecture 3 hours.

MACHINE DRAWING 212.—

Prerequisite: Descriptive Geometry 121. Parallel conventional representations, detail and assembly working drawings, modern drafting room systems; special emphasis given to the proper selection of views to present the necessary information in convenient forms, dimensioning, checking for errors, arrangement of titles and notes. Laboratory 2 hours credit.

ELEMENTS OF STEAM AND GAS POWER 222.—

An elementary study of steam engines, steam turbines, steam boilers, steam power-plant auxiliaries, gas and oil engines, natural and manufactured gas, gas power-plant auxiliaries, and the elements of automotive engineering. Lecture 2 hours credit.

MECHANICAL DRAWING 212a.—

Prerequisite: Descriptive Geometry 121. Projection drawing, developments, intersections, and the elements of sheet metal drafting. Laboratory 2 hours crdit.

MECHANICAL DRAWING 222a.—

Prerequisite: Course 212a. Elements of machine drawing, working drawings, and elements of cabinet drawing. Laboratory 2 hours credit.

SURVEYING 223b.—

Prerequisite or parallel: Plane Triginometry and Engineering Drawing 112. Elementary surveying problems; use and care of compass, level, and transit; field methods and notes. Laboratory 3 hours credit.

APPLIED MECHANICS 313.—

Prerequisites: Calculus 223 and Physics 225. Composition, resolution, and conditions of equilibrium of concurrent and non-concurrent forces; center of gravity; friction; laws of recilinear and curvilinear motion of material points; moments of inertia; relation between forces acting on rigid bodies and the resulting motion; and of work, energy and power. Lecture 3 hours credit.

ARCHITECTURAL DRAWING 313a.—

Prerequisite: Descriptive Geometry 121. A study of the architectural conventions and details; building materials; special attention to the development of a high standard of lettering and draftsmanship. Laboratory 3 hours credit.

ARCHITECTURAL DRAWING 323a.—

Prerequisite: Course 313a. Preparing working drawings and specifications for residences and other small buildings. Laboratory 3 hours credit.

ELECTRICITY 323b.—

Prerequisites: Physics 225 and Calculus 313. The fundamental principles of direct current and alternating current electricity with their various applications; installation, operation, and care of electrical machinery. Lecture 3 hours credit.

HEAT ENGINES 323c.—

Prerequisites: Calculus 313, Physics 225 and Mechanism 213. Heat-power engineering including thermodynamics, steam engines, steam boilers, steam turbines, internal combustion engines, fuel and combustion, power-plant equipment, and air compressors. Laboratory work includes the study and calibration of steam gages, indicators, and power-plant equipment; steam quality tests, steam engine operation, boiler testing, and steam engine efficiency tests. Lecture 3 hours credit.

STRENGTH OF MATERIALS 323.—

Prerequisite: Applied Mechanics 313. Behavior of materials subjected to tension, compression, and shear; riveted joints, torsion; strength and stiffness of simple and continuous beams; bending moments and shear forces in beams; and the design of beams and columns. Lecture 3 hours credit.

HYDRAULICS 413.—

Prerequisite: Applied Mechanics 313. The laws governing the action of water at rest and in motion, as related to engineering problems; the measurement of the flow of water by orifice, weirs, short tubes, and nozzles, the flow of water through pipes and open channels and its measurement; elements of water power, and the description and theory of impulse wheels, reaction turbines, and centrifugal pumps. Lecture 3 hours credit.

HEATING AND VENTILATION 413a.—

Prerequisite: Heat Engines 323c. Fundamental principles of heating and ventilation including computation of heat losses, hot water, and direct steam heating systems, ventilation, fan systems of heating, and central heating. Lecture 3 hours credit.

COMMUNICATIVE ENGINEERING 413c—

Prerequisite: Electricity 323b. Magneto, common battery, and automatic telephone systems are studied. Special emphasis is placed on the installation and repair of telephone equipment. This course also includes the fundamentals of radio receiving sets. Lecture 3 hours credit.

GRAPHIC STATICS 412a.—

Prerequisite: Applied Mechanics 313. Mathematical and graphical solutions of stresses in framed structures under static loading; practical problems in the design of wood structures. Laboratory 2 hours credit.

REINFORCED CONCRETE 423.—

Prerequisite: Strength of Materials 323. Theory and design of reinforc-

ed concrete footings, floor slabs, beams, and columns; forming, proportioning and placing; occasional visits to buildings under construction. Lecture 3 hours credit.

DESIGN 423a.—

Prerequisite: Architectural Drawing 323a. Elementary principles of architectural design as applied to residences and small properties. Laboratory 3 credit hours.

ESTIMATING 423d.—

Prerequisite: Architectural Drawing 323a. Estimating material quantities; preparation of preliminary estimates of cost from sketch plans; preparation of preliminary estimates of cost from sketch plans; preparation of detailed estimates of cost from complete working drawings and specifications. Lecture 2 hours, laboratory 1 hour; credit 3 hours.

ENGINEERING ENGLISH 422a.—

Prerequisite. Senior classification. The general problems of engineering writing; the preparation of business letters, technical manuscripts, engineering talks, and reports.

SHOP MANAGEMENT 423c.—

Prerequisite. Senior classification. Organization, shop location, arrangement of machinery and service equipment, orders, records, purchasing, storing, planning, routing, scheduling, dispatching, cost and general management. Lecture 3 hours credit.

BUSINESS LAW 412.—

Prerequisite: Senior classification. This course is designed to give the student a general knowledge of contracts, agency, partnership, negotiable instruments, patent law, and trade marks. Lecture 2 hours credit.

SHOP WORK (Required).—

The student in Mechanic Arts may elect shop work from any of the trade departments as described in the following pages. This section, however, should be made in consultation with the Director at the beginning of each quarter.

SEMINAR.—

Required of all juniors enrolled in the college course of Mechanic Arts. An assembly of students in Mechanic Arts to discuss topics of technical interest, for presentation of individual papers or to hear lectures of prominent contractors, engineers, and professional men of the district. Inspection trips to nearby industrial centers are made during the senior year. The plants inspected exemplify various engineering and industrial applications. All senior students are required to go on inspection trips.

COURSE IN INDUSTRIAL EDUCATION

Freshman Year common to freshman year of Mechanical Arts course.

SOPHOMORE YEAR

First Semester		Second Semester	
Education	213a	Education	223
English	213a	English Literature	223
Journalism	213a	Physics	224
Physics	214	Mechanical Drawing	222a
Mechanical Drawing	212a	Elective	2 hrs. credit
Elective	2 hrs. credit	Shop Work	222
Shop Work	212	Military Science	221
Military Science	211		

JUNIOR YEAR

First Semester		Second Semester	
Education	313	Education	323
Principles of Indust. Ed.	313ie	Methods of Teaching Ind. Education	323ie
Economics	313	Civics	323d
American Indust. Hist.	313b	Vocational Guidance	323b
Architectural Drawing	313a	Economics	323b
Shop Work	313c	Architectural Drawing	323a
Seminar		Shop Work	323c
Military Science	311	Seminar	
		Military Science	321

SENIOR YEAR

First Semester		Second Semester	
Organization & Mangt. in Indust. Education	413	Shop Management	423c
Practice Teaching	413ie	Practice Teaching	423ie
Trade Analysis	413a	Job Analysis	423a
Elective	4 hrs. credit	Course Making	423b
Shop Work	412	Thesis	R
Thesis	R	Shop Work	422
Military Science	411	Military Science	421

DEPARTMENT OF INDUSTRIAL EDUCATION

The four year course leading to the degree of B. S. in Industrial Education is designed to train teachers of the various trades, and, as city directors of Vocational Education.

The freshman year of the course is the same as outlined for the Mechanics Arts course.

Therefore, each student elects a major shop activity. His remaining studies form a general background for the industrial subject, and place considerable emphasis upon current social and industrial problems.

The work is arranged in such a manner as to prepare the student to teach his particular subjects, to give him a general knowledge of others in the industrial field and to fit him, eventually, after acquiring sufficient teaching experience, for an administrative position.

The courses are so outlined that a student should complete a definite part in his preparation at the end of the second and of the third years, as well as the end of the fourth year. Consequently, he is prepared at the end of the second year to teach Manual Training in the grammar years; at the end of the third year, to become a candidate for a more advanced position, etc.

DESCRIPTION OF INDUSTRIAL EDUCATION COURSES

VOCATIONAL GUIDANCE 323b.—

A survey of the recent development of educational and vocational guidance within and outside of the schools, information on the common occupation and their requirements, and analysis of personal characteristics; tryout methods; value of cumulative school records; methods of keeping records; optional guidance through literature; a study of physiological, industrial and commercial tests. Lecture 3 hours credit.

ORGANIZATION AND MANAGEMENT IN INDUSTRIAL EDUCATION 413.—

Problems in organization and managing industrial schools and departments; making surveys; arranging courses; planning and purchasing of equipment and supplies; selecting instructors; types of shop jobs; forms and records, placement of students; cooperation with employers. Lecture 3 hours credit.

TRADE ANALYSIS 413a.—

The students must know a trade which will be divided into its several parts as: units, operations, jobs, sciences, mathematical content, etc. This material will then be organized in teachable form. Lecture 3 hours credit.

JOB ANALYSIS 423a.—

Several jobs of the various trades will be analysed and all the necessary tools, operations and related information with the job listed. This course is designed to help teachers to plan, and route jobs through their shops making sure that none of the important instructional material is omitted. Lecture 3 hours credit.

COURSE MAKING 423b.—

This course is designed especially, for industrial courses and methods of outlining courses of study to meet various needs of the different types of classes. Each student will make a complete course for some particular subject he is teaching. Lecture 3 hours credit.

TRADE COURSES

Trade or vocational courses are offered for the benefit of two classes of students: (1) Those who cannot afford the time or expense of taking a longer course and who desire to apply their limited time directly to acquiring more skill in some one industry with a view of following it as a trade; (2) For the benefit of those who are engaged in some industry but who feel the need of acquiring more skill and efficiency in the work in which they are at present engaged.

Length Of Trade Courses

The length of the trade courses is as follows: Printing, Blacksmithing and Wheelwrighting, Plumbing and Steamfitting, Brickmasonry and Plastering, Tailoring, and Carpentry and Cabinet Making extend through three academic years. Students desiring to specialize in Cabinet Making devote only one academic year to the work. The courses in Shoemaking, Stationary Engineering, Electrical Repair Work, Laundering and Dry Cleaning, and Auto Mechanics are planned to cover two years while the courses in Broom and Mattress Making and Machine Shop Practice are one year courses. It may be possible for those who have had some practical experience in a trade to complete the courses in a shorter time. However, no certificate will be granted until a full year has been devoted a course. An applicant who has had some experience in a trade may be admitted to advanced standing provided that satisfactory evidence is shown of his ability to do the work. It is recommended that those who have had some experience in a trade endeavor to enroll at the beginning of one of the regular terms of the College year.

Students other than specials may pursue any of the above named trade courses as industry, receiving credit for same. They will, however, be required to devote the same number of hours altogether through a longer period before receiving full credit or a certificate.

Short courses in Mechanical Drawing, House Drawing, Plumbing, Auto mechanics, Tractor Repair and Operation will be organized upon the receipt of five applications in each branch. These courses will be considered extension work. The practicing carpenter may wish to be able to read blue prints or learn plumbing, the blacksmith may wish to know automobile electricity or automobile repairing. The object of these courses will be to fill this need. These courses are primarily for persons of mature age.

Requirements For Entrance

In order to enter a trade or vocational course the applicant must be at least sixteen years of age, must have completed the seventh grade and in all cases admission must be approved by the principal.

Expenses

Trade or vocational students must pay the regular entrance fees, including maintenance, cost of uniform, etc. They will also be under the same regulations as the students taking the regular courses. All students are expected to do willingly, at all times what appears to be the best interest of the college community. An opportunity is offered for the students taking trade or vocational courses to earn all or part of their College expenses.

In Auto Mechanics students will be required to purchase individual tool kits and text books which will be for sale at the college Exchange. The cost of text books and tools will approximate $15.00. These become the permanent property of the student.

Auto Mechanics

The purpose of this course is to enable the student to obtain a thorough training in the fundamental principles of Auto Mechanics and its related subjects so as to form a sound foundation upon which to build future experience by the practical application of the knowledge thus gained.

The regular course is scheduled to cover a period of 18 months; and is divided into first and second years' work. The entire course is general in its nature in that it tends to give the student an equal amount of training in each division of the Auto Mechanical trade. The following are the related subjects taught:

Automotive Science.—The underlying principles governing the operation of the Internal Combustion Engine, the study of the function of other units of automotive equipment, together with the auxiliary electrical equipment is known as Automotive Science. The principles and functions of each unit are covered in this subject. Two double periods weekly are devoted to this subject.

Shop Mathematics.—Mathematics is such a basic subject in all mechanical trades that no student can hope to successfully compete with other trained men unless he possesses sufficient knowldege of the everyday mathematics used in his work. In order to properly stress this subject, one period daily is devoted to the review of Addition, Subtraction, Multiplication, Division, Common and Decimal Fractions, Ratio and Proportion, Square Root, Percentage and Interest, together with the study of Algebraic Symbols, some Practical Geometry and many short methods of shop calculation pertaining to Auto Mechanics.

Automotive Drafting.—Three double periods weekly will be devoted to freehand perspective and isometric sketching of automobile parts. Practice in the reading of various blue prints relative to automobile electrical systems, etc., will be given.

Elementary Automotive Physics.—Two periods weekly will be given to the study of physical principles often encountered in the function of different units of the automobile. The subject embraces laboratory work which attempts to prove by experimentations some of the statements made relative to matter and energy. Matter, Fluid Pressure, Motion and Force, Heat and Energy, Sound, Light, Gases, Electricity and some chemical actions are covered.

Shop Practice.—Sufficient equipment is available to enable such students to receive ample practice in the dissembly and the repair of all chassis units such as the motor, clutch, transmission, final drive and steering assembly on pleasure cars, commercial cars and tractors. Fifteen periods weekly are devoted to this subject.

Automotive Blacksmithing.—It is not infrequent that the auto mechanic has a type of work to do in which he finds it necessary to go to a blacksmith for aid. In Automotive Blacksmithing the student acquires sufficient knowledge of blacksmithing to enable him to handle jobs of this type. One double period weekly will be devoted to this subject which will include the care of the forge, making a fire, heating, drawing, pointing, bending, upsetting, tempering and making simple tools such as chisels, punches, valve lifters, etc.

Elementary Machine Shop Practice.—The auto mechanic should have sufficient knowledge of the machine shop practice related to his work as well as the care of the tools used therein. One double period weekly is devoted to this subject during the first semester, which covers bench work, vise work, chipping, filing, arbor press work, power hack saw work, drilling, tapping, threading, grinding, etc.

Electrical Repairs.—Enough electrical practice is given to enable the student to apply the principles learned in automotive science to practical electrical repair work.

Two hours daily will be devoted to this work during the second quarter and will give the student practice in the repair of the various types of ignition systems, magnetoes, starting motors, generators and electrical control devices as well as sufficient road work in trouble shooting incidental to same.

Vulcanizing.—Present day motor vehicles require the highest degree of protection from vibrations produced by excessive road shocks. The use of pneumatic tires is one of the greatest factors in pleasure, comfort, speed and low gasoline consumption in commercial vehicles. This

subject aims, principally, to enable the student to care for his tire equipment and make intelligent recommendations when he is not in a position to do the work himself. The subject covers tire conservation, prevention of injuries, diagnosing tire and tube troubles, repairing punctures, blowouts, splicing, etc., on tubes, all types of repair on frabric, cord and giant truck pneumatic tires and tubes.

Oxy-Acetylene Welding.—During some part of the last semester each student will be taught the fundamental principle of oxy-acetylene welding as well as given sufficient practice in welding light cast, heavy cast, steel, brass, coper and aluminum, as to form the foundation of future specialization. Soldering will be included.

A student successfully completing the above courses will be awarded a certificate pronouncing him a General Automotive Repairman. He will then be able to hold a position in a shop as general repairman or helper; and those who are always on the alert to apply the principles here gained under the watchful eye of the master mechanic ought have little difficulty, after a time, in qualifying for a higher position.

Observation Trips

The student's success depends to a great extent upon his power of observation. The student of Auto Mechanics is given an opportunity to study actual conditions in commercial shops. Trips are made annually to Houston (the largest industrial city in the near vicinity of Prairie View) for the purpose of visiting kindred mechanical industries, including the Ford assembly plant.

General Blacksmithing

The aim of this course is to impart to the student the knowledge of the principles of general blacksmithing and to give a thorough training in the practice of same.

Blacksmithing Practice.—This course will include the following: Care of shop, making of fires, selection of tools, forging, heating, drawing out, forming, bending, twisting, upsetting, welding, chain making. Steel: drawing, forming, refining, tempering, spring and tool making.

Blacksmithing and Wheelwrighting.—The work of this course will be extremely practical, as all general blacksmithing for the college is done in this department.

Shop Machinery and Management.—This course will include study of the various types of machines used in blacksmith shops, together with the proper method of carrying on work in shops.

Drawing.—This course includes the use of instruments, lettering, orthographic projection and elementary drawing and working drawings of wagons and buggies.

Shop Mathematics.—Review of fundamental operations of arithmetic, common and decimal fractions, powers and roots, percentage, measure and weights, fundamental concepts of geometry.

Science.—This course includes the elements of mechanics, of metals and veterinary science as applied to anatomy of a horse's foot.

English.—This course includes grammar, composition and rhetoric as given to students in the first year of the Academic department. The aim is to have the workman prepare to express himself clearly.

Bookkeeping.—The bookkeeping as taught here will apply especially to the needs of accounting in the blacksmith shop and will also include cost finding and purchasing.

Brickmasonry

The purpose of this course is to train bricklayers and foremen. The course is outlined to cover a period of three years. (All day school.)

Academic Subjects.—The following Academic Subjects are required: English, General Mathematics, General Science, Physics, Chemistry, American History, Industrial History, Business Law and Business Procedure.

Trade Theoretical Subjects.—The term, Trade Theoretical Subjects, includes trade theory as developed in lectures and discussions in Trade Science, Shop Mathematics, Shop Hygiene, Drafting, Blueprint Reading, Materials and Estimating.

Trade Practice.—About one-half of the entire time alloted to the course is given to actual Trace Practice. The student becomes thoroughly familiar with the tools and equipment used and is given trade experience under actual construction conditions. The Mechanical Department has charge of all building and repair work for the college.

Broom Making

This course includes instruction in assorting broom corn, seeding, staining, bleaching, putting on handle corn, putting on shoulder corn, putting on turn backs corn, cutting shoulders, covering brooms, putting hurl corn, forming the bead, velveting the bead, putting tin locks, also, in the making of Warehouse brooms, beading and banding, scraping and sewing, clipping and bundling in dozen lots, and all the finishing hand work necessary to the manufacture of the very high grade broom.

The course also includes grading and classifying broom corn as to quality, estimating accurately the amount of waste or loss in any given amount of corn and the number of brooms of different grades, or weights that can be made from any given amount of broom corn and cost estimates.

Instruction is also given regarding the selection and care of tools and equipment.

Mattress Making

This course includes instruction in making and repairing of mattresses of all sizes and shapes, the amount of certain grades of filling that should be used in a mattress of a given size, the making of sectional feather mattresses, cotton and feather pillows, the making of all sizes of mattress ticking, and pillow ticking; cost estimates of the production of certain kinds and weights of mattresses, also the instruction in the different kinds of machinery used in mattress making and the care of same.

Carpentry And Cabinet Making

This course includes one year of Cabinet Making and two years of Carpentry and House Building.

Drawing.—Name and uses of the drawing instruments, lettering, geometrical problems, projects of simple solids, orthographic projection, pictorial drawing, tracing, blue print reading, furniture design and house planning.

English.—This course includes grammar, composition and rhetoric as given to students in the first year of the Academic department. The aim is to have the workman prepare to express himself clearly.

Science.—Elementary principles of Physics and Chemistry.

Practice.—Care of shop, names of tools, use and care of tools, study of materials, sawing, beveling, plumbing, nailing, elementary furniture making, advanced furniture making, window and door frames, house framing, siding, shingling, sheeting, flooring and interior finishing saw-filing and wood turinng.

Electrical Repair Work

The object of this course is to train electrical repairmen and battery service station operators. The student is taught the fundamental principles of battery repair and battery construction. The course is outlined to cover a period of eighteen months. It includes:

Commercial methods of generating electric current, simple electrical circuits, electrical conventions and wiring diagrams, chemical action and development of E. M. F., primary and secondary cells, function of storage cell parts, plates; jars and cases, assembling plates, gas and electric lead burning, testing, Cadium, Watt-hour, specific gravity, method of sealing, charging and charging equipment, phenomena accompanying charging and discharging, building the complete battery, the modern storage battery station, organization, equipment and purchasing of materials, analysis of costs and setting retail price, the battery manufacturer and the battery station, advertising and the newspaper, and policy.

Laundry And Dry Cleaning

The object of this course is to fit the student for work in either the hand or steam laundries in our larger cities and also to prepare him to take complete charge of this class of work in a small town.

Laundering and Dry Cleaning.—Practice work will be given in all phases of laundering and dry cleaning and will include work with cylinder washers, extractors, shirt starching, starch cookers, flat work ironers, collar and shirt ironers, pressing machines, collar shapers and other machinery found in first class laundries. Since all of the work of the College and the students is done in our College laundry, this work will be extremely practical.

Hat Making.—This course will include pressing, sizing, pouncing, blocking, finishing and and rebuilding hats.

Science.—This course will include the study of the effect of soft and hard water, the different cleaning preparations and uses of each, the study of and experiments with common bluing and dyeing.

Shop Mathematics.—This course includes the review of fundamental operations of arithmetic; common and decimal fractions, powers and roots, percentage, measures and weights and fundamental concepts of geometry. Some work will be given on principles underlying laundry machinery.

Bookkeeping.—Laundry accounting office records will be given in this course as it applies to either steam laundry or hand laundry.

English.—Grammar, composition and rhetoric as given students in regular academic work will be given to these students in order to enable them to develop the proper methods of expression.

Textile.—The manufacture of cotton, linen, silk and woolen garments will be given in order that the structure will be understood and the proper method of laundering chosen.

Course In Machine Shop Estimating

Machine Shop Practice.—Thirty-six weeks. This course aims to provide the thorough training required of a competent all-round machinist. The instruction consists of shop work and lectures. Students work from drawings and blue prints throughout. Construction and use of common tools, laying out, chipping, filing, tapping, and threading with dies, etc. Use of measuring instruments, drill press work, simply forging, lathe, shapes and milling work, levelling and aligning shafting, babbiting bearings, grinding tools, forging and hardening various kinds of chisels and punches.

Shop Mathematics.—The instruction in all cases is by concrete examples and problems relating to the trade. Arithmetic, fractions, decimals, discount, elementary geometry, chiefly the measurements of angles, chords, and arcs, areas of triangles, rectangles, circles and cubic contents of tanks, bins, cylinders, cones and other bodies. English and metric system of weights and measures, formulae, simple fundamental processes applied to solution of shop problems.

Science.—This course consists of problems involving the laws of the lever, wheel and axle, inclined plane, screw wedge, etc., expansion and contraction of solids, liquids and gases, water pressure, horse power of pumps and engines; physical properties of machinery materials, metals, their force, weight, strength, color, hardness, malleability, ductility and use, chief alloys: brass, bronze, babbitt, etc., and uses; cast iron, wrought iron and steel manufacture, use and strength.

Special steels in automobile and tool construction, expansion and shrinkage in metals and castings, compositions and properties of moulds and slage.

Mechanical Drawing.—In drafting the aim is to give the student familiarity with the working drawings so that he may read a drawing intelligently and work from it and make when necessary his own working drawings. Attention is given to rough freehand dimensions and sketching. General use and care of drawing instruments. Freehand lettering, proper placing of views, dimensions and titles. Drafting conventions, pencil drawings of machine parts, practical drill in projections and revaluations of solids. Conventions in pipe sizes. Drawing from sketches and data. Making details from layout or assembly drawings.

Plumbing And Steamfitting

The object of this course is to prepare young men as plumbers and steam fitters.

Plumbing.—Names and care of tools, cutting and threading pipe, tapping water mains, running sewer pipe, running soil, calking, wiping joints, soldering, roughing in bathroom and toilet fixtures, setting bathroom and toilet fixtures, connecting boilers, engines and pumps to water and steam lines, repair work of all kinds, steam heat and hot water connections, study of plumbing laws and city ordinances.

Drawing.—This course includes the use of instruments, lettering and sketching, orthographic projection, floor plans and sections of buildings with the putting in of complete plumbing layouts.

Shop Mathematics.—Review of the fundamental operations of arithmetic, common and decimal fractions, power and roots, percentage, measure and weights, fundamental concept of geometry, estimating costs.

Science.—Elementary principles of physics and sanitation.

English.—Grammar, composition and rhetoric as given to students in the first year of academic work will be given to these students in order that they may be able to express themselves clearly.

Printing

The Printing Department aims to give its students thorough training in the fundamental operations in the practice of printing. Attention to detail, correctness in spelling, accuracy in punctuation, capitalization, spacing, proportion and arrangement are stressed as well as purely mechanical operations. As far as possible individual instruction is given each student.

Shop Mathematics.—Calculation of materials, weights and size.

Science.—Chemistry as it relates to printing, elementary physics and trade mathematics.

Printing.—The case, the point system, measurement and type of stock, history of printing, practice in setting straight matter, fundamentals of job composition, cylinder press work, platen press work, principles of design and display, and linotype operation.

Accounting.—Bookkeeping, record keeping, costs and estimates.

Shoemaking

The chief aim of this course is to train the student to become a practical shoemaker in order that he may be able to take care of the class of work found in the average town or city.

This course includes: sole nailing, the use of tools, leathering of old shoes, fitting half soles for nail work, fitting soles for sewed work, the proper method of applying the nailed soles to the welt bottom and to a McKay bottom, stitching on half soles on welt and turn sole bottoms, finishing bottoms and edges by hand and machinery, putting on patches by hand stitch and machine stitch, cementing, revamping old shoes, building up last when not large enough for measurement, cutting soles and channers by hand method and machine method, lasting the upper over a wood last after the counter and toe box have been fitted and pasted in, sewing welt on welt-bottom shoes, and putting on shank complete.

Drawing.—This course includes the use of instruments, lettering and sketching orthographic projection, and development of intersections.

Grade and Pattern Making. —This course is a continuation of drawing and its practical application in the use in shoemaking and will include the making of patters from measurements and fittings.

Shop Mathematics.—Review of fundamental operations of arithmetic, common decimal fractions, powers and roots, percentage, measures and weights, and the fundamental concepts of geometry.

Leather Manufacture and Uses.—This course will not only include the different kinds of leather, but will also give the student a thorough knowledge of the kinds and uses of different leathers.

Bookkeeping.—The proper shoe shop accounting is taught in this course. Estimating, cost finding and purchasing are also given in order that the student may be able to conduct the trade on sound business principles.

English.—Grammar, composition and rhetoric as given to students in the first year of academic work will be given to these students in order that they may be able to express themselves clearly.

Stationary Engineering

The object of this course is to prepare the student to operate and to make the ordinary repairs necessary in steam plants of small towns and act as assistant engineer in plants of large cities.

Boiler Room.—Practice in firing both the return tubular boiler and the water tube boiler, together with the operation and maintenance of boiler feed water pumps and feed water heaters.

Engine Room.—Practice in engine and dynamo attendance and maintenance on various types of machinery, including the Corliss engine, high speed cut-off engines, air compressors and turbines.

Ice Plant.—Practice in operation and maintenance of ice making and refrigerating machinery.

Forging.—Practice in heating, drawing out, bending, upsetting, welding, tempering and hardening of iron and steel and making of small tools.

Machine Shop Practice.—Practice in shaping, filing babbitting, soldering, drilling and turning.

Pipe Fitting.—Practice in cutting and threading pipe, connecting boilers, engines and pumps to water and steam lines.

Drawings.—This course includes the use of instruments, sketching, othographic projection, and machine drawing and standards.

Steam Power.—This course includes the study of the various types of boilers, steam engines and auxiliaries.

Essentials of Electricity.—In this course fundamental principles underlying alternate and direct current and a few industrial applications will be given.

Shop Mathematics.—Review of fundamental operations of arithmetic, common and decimal fractions, powers and roots, percentage, measures and weights, fundamental concepts of geometry.

English.—Grammar, composition and rhetoric as given students in the regular academic course. It is the plan to develop within the student the proper method of expression.

Tailoring

The object of this course is to prepare the student to become a practical tailor and garment repairer. Students completing this course will be enabled to enter the tailoring trade and to do creditable work.

Tailoring Practice.—Practice in hand needle work, basting and making different kinds of stitches, taking measurements, practice in making vests, trousers, Prince Alberts, cut-aways, and double-breasted coats.

Drafting.—The drafting includes uses of instruments, lettering and sketching, orthographic projection and development.

Cutting and Fitting.—Consists of drafting and cutting trousers, coats and vests.

Textiles.—A study of serge and worsteds as to their manufacture, use and proper methods of working them up into garments.

Tailoring Machinery.—A close study of the various types of machines used in tailoring.

Busheling.—A study of repairing, cleaning and pressing of men's and women's clothing in general.

Bookkeeping.—Accounting as applicable to tailor shop practice will be given so that the student will be able to keep accounts properly.

English.—Gramar, composition and rhetoric as given students in the regular College course. The aim is to have the workman prepare to express himself clearly.

OUTLINE OF TRADE COURSES

The following trade courses are outlined for students in the junior and senior high school classes and any others who desire to take a straight trade course that enter below the college grade.

Auto Mechanics
Two Years

Subject	Hrs.
Shop Practice	15

Blacksmithing & Wheelwrighting
Three Years

Subject	Hrs.
Shop Practice	15

Auto Mechanics
Two Years

Drawing	6
Mathematics	4
English	3
Science	2

Blacksmithing & Wheelwrighting
Three eYars

Drawing	6
Mathematics	4
English	3
Science	2

Brick Masonry & Plastering
Three Years

Subject	Hrs.
Shop Practice	15
Drawing	6
Mathematics	4
English	3
Science	2

Broom & Mattress Making
One Year

Subject	Hrs.
Shop Practice	15
Drawing	6
Mathematics	4
English	3
Science	2

Carpentry & Cabinet Making
Three Years

Subject	Hrs.
Shop Practice	15
Drawing	6
Mathematics	4
English	3
Science	2

Electrical Repair Work
Two Years

Subject	Hrs.
Shop Practice	15
Drawing	6
Mathematics	4
English	3
Science	2

Laundry & Dry Cleaning
Two Years

Subject	Hrs.
Shop Practice	15
Drawing	6
Mathematics	4
English	3
Science	2

Machine Shop Practice
One Year

Subject	Hrs.
Shop Practice	15
Drawing	6
Mathematics	4
English	3
Science	2

Plumbing & Steamfitting
Three Years

Subject	Hrs.
Shop Practice	15
Drawing	6
Mathematics	4
English	3
Science	2

Printing & Linotype Operating
Two Years

Subject	Hrs.
Shop Practice	15
Drawing	6
Mathematics	4
English	3
Science	2

Shoe Making
Two Years

Subject	Hrs.
Shop Practice	15
Drawing	6
Mathematics	4
English	3
Science	2

Stationary Engineering
Two Years

Subject	Hrs.
Shop Practice	15
Drawing	6
Mathematics	4
English	3
Science	2

Tailoring & Garment Making
Three Years

Subject	Hrs.
Shop Practice	15
Drawing	6
Mathematics	4
English	3
Science	2

DIVISION OF NURSING EDUCATION

FACULTY OF THE DEPARTMENT

J. M. Franklin, M. D., Meharry, Resident Physician and Superintendent.
H. E. Lee, M. D., Meharry, Associate in Surgery.
E. A. Martin, M. D., Meharry, Gynecology.
Wm. A. Hammonds, M. D., Meharry, Chief, Eye, Ear, Nose and Throat.
H. D. Patton, A. B., M. D.; A. B. Texas College; M. D., Meharry; Interne.
O. J. Moore, B. S., M. D.; B. S., Wiley College; M. D., Meharry; Interne.
Alvin K. Smith, A. B., D. D. S.; A. B., Fisk University; D. D. S., Meharry; Dentist.
E. E. Patterson, Ph. C., Meharry, Pharmacist.
Mrs. M. S. Brannon, R. N., Tuskegee Institute, Superintendent of Nurses.
Mrs. L. M. F. Langford, R. N., Meharry, Assistant Superintendent of Nurses.
Miss B. Y. Countee, R. N., Meharry, Night Supervisor.
Miss Margaret Burns, Ph. B., Chicago, Instructor in Dietetics.
Miss E. H. Randals, B. S., A. M., Univ. of Southern California, Instructor in Psychology.
E. B. Evans, D. V. M., Iowa State College, Instructor in Bacteriology.
W. L. Donley, B. S., M. S., Univ. of Detroit, Instructor in Chemistry.
Mrs. J. M. Johnson, A. B., Clark University, Instructor in English.
Mrs. J. A. Greene, B. S., Prairie View, Instructor in English.
John Bell, A. B., A. M., University of Kansas, Instructor in English.
F. A. Jackson, M. B. A., New York University, Instructor in Sociology.

DIVISION OF NURSING EDUCATION

The purpose of this department is to give to young women an education in a profession that is honorable, independent, and helpful to themselves and others. The profession presents an unusually broad field for prepared women.

The school of Nursing has an affiliation with the Jefferson Davis Hospital, Houston, Texas, which enables the nurses during their senior year to get experience in pediatrics and obstetrical nursing. The time required in these branches of nursing is six months. This course was arranged by the State Board of Nurse Examiners and became effective in 1930.

The course in Nursing Education covers a period of three years of twelve months each from date of entrance. The first four months constitute a probationary term. This is a period of intensive study and adjustment to institutional and hospital life, and is intended to prove

the applicant's fitness or unfitness for the work. The affiliation period is included in the three-year term. Upon completion of the three years' work with 92 semester hours credit a diploma is given which makes the nurse eligible to take the nurses' State Board Examination.

Requirements For Admission

Applicants desiring to enter this department must have completed four years of high school work in an accredited high school. Preference will be given to applicants with training superior to the above. Aside from educational qualifications, the applicant must have good health and morals. On entering the student must agree to obey the rules and regulations of the school. High school transcripts are approved by the School and State Board of Nurse Examiners. After approval of transcript, applicant will be advised to report to the hospital on September first.

Application blanks may be obtained from the Director of Nurses upon request. Applicants between eighteen and thirty-five years of age will be admitted.

Necessary Articles

Applicants are required to bring the following articles: four sheets, three pillow cases, one pillow, sufficient cover, three gingham dresses, two spreads, four hand towels, four bath towels, a work-box containing necessary articles for mending, a cheap watch with a second hand, and a clinical thermometer. She must also bring an umbrella, rain coat, a pair of overshoes, a pair of comfortable low heel black kid oxfords with rubber heels, a kimono or bath robe and a pair of scissors.

Health

All students of nursing education, when ill, are cared for gratuitously, receiving the professional services of the hospital physicians. Time, above two weeks, lost through illness or any other cause, must be made up.

Vacation

A vacation of four weeks is given the first and second years.

Instructions

Systematic courses of lectures, classes and demonstrations are conducted by the hospital staff and faculty. The course of study is as follows:

COURSE OF NURSING EDUCATION

Freshman	Clock Hours	Laboratory	Credit Hours
Anatomy and Physiology	108		6
Bacteriology	54		3
Chemistry	54		3
Dietetics	108		6
English	108		6
Ethics and History of Nursing	36		4
Hygiene and Sanitation	18		1
Materia medica	54		3
Physical Education	72		2
Principles and Practice of Nursing	108		6
Urinalysis	18		1
Junior			
Advance Nursing	72		2
Case Study	36	36	4
Gynecology	36	36	4
Medical Nursing	36	36	4
Obstetrical Nursing	36	18	3
Pediatrics & Infant Feeding	36	18	3
Psychology	54		3
Surgical Nursing	36	36	4
Advance Obstetrics	18	36	3
Advanced Pediatric & Infant Feeding	18	36	3
Emergency Nursing & First Aid	36	36	3
Eye, Ear, Nose and Throat	36	36	3
Massage	18		1
Medical Specialties	18	36	3
Modern Social and Health Movements	36	36	1
Psychiatric Nursing	18		1
Surgical Specialties	18	36	3
Survey of Nursing Field and Professional Problems	36		2

ANATAMY AND PHYSIOLOGY 113, 123.—
To stimulate in the student an interest in and an appreciation of the human body as an efficient machine, and to give the students a practical working knowledge of the structure and function of the normal human body as a basis for study of hygiene, dietetics, and all pathology as well as for safe and intelligent practice, of nursing. Six semester hours credit. Both semesters.

BACTERIOLOGY 113.—
To help the student to recognize the habits, morphology, and staining reaction of micro-organisms, that she might be able to protect herself

and patients from infections. Secondly to teach the student sufficiently laboratory technique that she may appreciate surgical asepsis and learn to apply the same careful methods in her nursing. Three semester hours credit. First semester.

CHEMISTRY 113.—
This course serves as a basis for the more intelligent study of physiology, dietetics, materia medica, practical nursing and household economy; also to show how the knowledge of chemistry enables one to maintain safer environment for man. Three semester hours credit. First semester.

DIETETICS 113, 122.—
This course gives the principles and methods underlying simple cookery for well and sick people. To familiarize the student with nutritive value of foods and how to plan a balanced diet for the well or convalescent patient according to age, physical activities, and climate. Six semester hours credit. Both semesters.

ENGLISH 113, 123.—
A course in English is given in nursing education to enable the student to perfect herself in the use of English in her profession. Six semester hours credit. Two semesters.

ETHICS AND HISTORY OF NURSING 112, 122.—
To inculcate into the student the ethics of Florence Nightingale pledge and to teach the proper behavior with a formulation of a clearer and more definite philosophy of life. Secondly from a standpoint of history its aim is to arouse interest in nursing as an occupation by acquainting the student with the great leaders of nursing, its long and splendid history, and the tradition and ideals of nursing. Two credit hours. Both semesters.

HYGIENE AND SANITATION 121.— —
To impress upon the student the importance of good health and formation of sound health habits. Furthermore to recognize the importance of the opportunities and responsibilities of the nurse as a teacher of personal and public hygiene. One semester hour credit. Second semester.

MATERIA MEDICA 123.—
This course enables the nurse to admister prescribed drugs intelligently and to recognize their effects. It includes the study of the source, prevention, actions and dosage of drugs, as well as recognition and treatment of over dosage. Three semester hours credit. Second semester.

PHYSICAL EDUCATION 121.—
This course is employed to impress upon the student the importance of fixed habits in daily recreation, bodily posture, need of fresh air. Two semester hours credit. Both semesters.

PRINCIPLES AND PRACTICES OF NURSING 113, 123.—
This course gives a clear understanding of the fundamental principles of good nursing. Helps to develop the habits of observation, system economy, and manual dexterity. To develop a love for nursing, and pride in good workmanship. Six semester hours credit. Both semesters.

URINALYSIS 121.—
The object of this course is to teach the student to recognize normal from abnormal urine and the associated pathology with each abnormality. To acquire the laboratory technique and learn the various tests employed in the analysis of urine. One semester hour credit . Second semester.

ADVANCED NURSING 311, 322.—
This course is a continuation of general nursing procedures requiring more skill and greater effectiveness. Two semester hours credit. Both semesters.

CASE STUDY 312, 322.—
The object of this course is as follows: to enable the student to study each patient as a whole. To aid the student in seeking information about her patients in an organized and systematic way. To record such information so that it has practical value to herself and others. Six semester hours credit. Both semesters.

GYNECOLOGY 312, 322.—
The object is to give a minute knowledge, the anatomy of the female pelvic organs, a study of the diseases of same, their causes, systoms, medical and surgical treatments, and nursing care. Two semester hours credit. Both semesters.

MEDICAL NURSING 313.—
The study of general diseases is made and special attention is given to the causes, symptoms, prevention and treatments of common diseases. Secondly enables students to recognize their symtoms and to see the effects of treatment. Three semester hours credit. One semester.

OBSTETRICAL NURSING 312, 322.—
It is the intention of the course to give the student working knowledge of the medical care and nursing care of maternity patients from incipient stage of pregnancy through perperium. Six months affiliation with Jefferson Davis Hospital in theory and practice of obstetrics. Four semester hours credit; 1 lecture, three laboratory hours. Both semesters.

PEDIATRICS AND INFANT FEEDING 312, 322.—
Its objective is to help nurses understand something of the physical and mental development of the normal children. To teach the care of sick or well children and to plan proper diet for both. Four semester hours credit; 1 lecture, 3 laboratory hours. Both semesters.

PSYCHOLOGY 123.—
An effort is made to acquaint the nurse with the fundamental principles underlying human conduct and to develop certain principles for dealing with patients and others professionally. This course also provides a basis for subsequent courses in psychiatry. Three semester hours credit. Second semester.

SURGICAL NURSING 313.—
The object is to give the student a good general knowledge of the chief surgical diseases, their causes, symptoms, pre-operative and post-operative treatment so that she may care for the patient intelligently and be of the greatest possible help to the surgeon in promoting recovery. Three semester hours credit. One semester.

EMERGENCY NURSING AND FIRST AID 413.—
This course is intended to help the nurse adapt her hospital methods to emergency situations in accidents of various kinds. To teach quick thinking adaptability, resourcefulness, economy, speed and careful technique in emergencies. Two laboratory periods. Three semester hours credit. First semester.

NURSING IN DISEASES OF THE EAR, EYE, NOSE AND THROAT 411, 421.—
This course is a study of the senses, abnormalities, treatments and nursing care of diseases of these organs. Two semester hours credit. Both semesters.

MASAGE 121.—
An effort is made to give the student a thorough knowledge of the science and art which includes general and special massages. The theory of massage and its practice are correlated. One semester hour credit. Second semester.

MEDICAL SPECIALTIES 422.—
Objects: (1) To teach the principles underlying prevention and control of communicable diseases. (2) Through a study of causes and symptoms a nurse may help in securing an early diagnosis of the case. (3) To relate more closely the methods of asepsis to general nursing care. (4) To teach the method of handling communicable diseases in the home and community. (5) To show the need of education of the public in preventive hygiene. One lecture, 1 laboratory period. Two semester hours credit. Second semester.

PSYCHIATRIC NURSING 411.—
The object of the course is to teach the student nurse that Mental Changes occur in physically sick patients and the recognition of such changes. To give the student nurse an elementary but authentic knowledge of the mental mechanism that initiates conduct, with a view toward increasing the nurse's own mental stability and to develop a keen inter-

est in and a more sympathetic understanding of human nature. One semester hour credit. First semester.

SURGICAL SPECIALTIES 412.—
To teach operating technique in orthopedics, gynecology and urology. One lecture, 1 laboratory period. Two semester hours credit. First semester.

SURVEY OF NURSING AND RELATED PROFESSIONAL PROBLEMS 411, 421.—
This branch of study gives consideration to: the various fields of nursing open to the graduate nurse, the problems encountered and the methods of meeting them. Two semester hours credit. Two semesters.

GRADUATE DEPARTMENT

PRAIRIE VIEW STATE NORMAL AND INDUSTRIAL COLLEGE

General Statement

The purpose of this department is to give to certain exceptional students an opportunity to do advanced study in the fields of Education, Chemistry, English and the Social Sciences, with a view to making more effective teachers for the Secondary Schools and Junior Colleges, and to provide, at least, a general training in the use of the more simplified instruments of research and investigation of a practical nature.

The Need For Graduate Study

The State of Texas does not operate any institution of learning where capable Negroes may receive the benefits accruing to advanced study. In spite of this fact the Negro must qualify under the certificate laws of the state by attending colleges accredited by the State Department of Education. Under the law the Department of Education must enforce the same standards for accreditment of Negro Colleges as it does for the White Colleges. This means that the teaching staffs of these schools must be equipped with instructors who, in addition to attaining their first degree, must give proof of superior scholastic ability by the winning of at least a Master's Degree. Forcing the Negro Colleges to satisfy the same collegiate requirement for accreditation, in our opinion, is wise and just. But every Negro teacher must go outside the state to find opportunities for graduate study. This, of course, is exceedingly expensive, considering not only the high cost of graduate work in the northern universities, but the expenses of travel to and from these universities; especially is the whole matter expensive when it is viewed in the light of relatively low salaries of Negro teachers. Negro higher institutions are veritable slaves to northern universities, since they are wholly dependent upon them for a supply of superior scholars. But the supply is exceedingly scant and woefully fails to meet the demand. A graduate department (not too ambitious and pretentious at first) would serve a grave need toward educating the race, if organized with a definite objective in view and efficiently administered in every particular.

Organization And Procedure

The Graduate Department of Prairie View State Normal and Industrial College is not a separate academic unit from the college as to teaching personnel and other phases. It is not conceived of as a graduate school requiring an independent organization, but is properly viewed as an extended phase of the academic program designed to sup-

plement an undergraduate major. In beginning the work two things would be pondered: (1) The ability of the college to offer the proper courses in a very restricted field as shown by adequate library material and other needed equipment for advanced study. (2) The ability of the college to furnish superior teachers for the project. Teachers should not only have won their Master's degree, but should have done a considerable amount of graduate work in addition to this degree, and either they must have attained the Ph. D. degree or this degree must be in active progress. The mere possession of a master's degree or doctoral degree shall not be ipso facto proof of a teacher's qualification to conduct graduate work in his field of study and preparation, but the instructor must be able to give evidences of proficiency by a record of eminent teaching experience and research.

Admission Of Students To The Graduate Department

Students seeking admission to the Graduate Department should request an application blank from the Chairman of the Graduate Committee. To expedite the consideration of an application, a transcript of the applicant's high school and college records, and any other written evidence showing the applicant's ability to profit by graduate study should be sent promptly with the application.

Graduates of Prairie View State Normal and Industrial College, or some other four-year college approved as first class by the Department of Education of the state, may be admitted to take the courses listed for graduate students, provided their undergraduate programs have included a major and minor field as prerequisites to the work in which the advanced work is to be done, and provided also that their work was completed with distinction. Applicants who completed their college courses before the formulation of the system of "major and minor" may be permitted to take the program of graduate courses, provided that they graduated from an approved four-year college with honors, and provided also that they have a record of eminently successful experience.

Majors And Minors

At the present time students are offered an opportunity to major in Education and Chemistry. A minor may be secured in Education, English, Chemistry or Social Science.

Admission To Candidacy For A Higher Degree

Admission to candidacy for the Master's degree shall be valid for not more than five calendar years. Students wishing to be admitted to candidacy should secure an admission blank from the Chairman of the Committee on Graduate Study. The applicant must have chosen a suitable problem for a thesis subject, with the approval of the major professor.

The applicant must submit a list of the undergraduate courses taken in the field of his graduate study, and a list of graduate courses completed, now being taken, and yet to be pursued, in the field of his graduate work.

Residence Requirement

No student will be recommended for a degree who has not spent at least three summer sessions in residence at Prairie View Normal and Industrial College. The period of residence need not be continuous. Various factors may make it necessary for a candidate to spend more than four quarters in study for the Master's degree.

Course Requirements

The minimum requirement for the Master's degree is eight courses; for which graduate credit is given, and a thesis.

The election and prescription of courses are determined, with the approval of the Chairman of the Graduate Committee. No courses will be credited toward the fulfilment of the requirements for the degree that were pursued more than five years previous to the quarter in which the student presents himself for the final examination for the degree.

No courses may be presented in fulfilment of the requirements of the degree which the student has not passed with a grade of "B" or better. Courses in which the student receives a grade of "C" or lower will, however, be entered upon his record. Any candidate for a degree, who receives credit of "C" or lower in more than three courses, will be withdrawn from candidacy.

Thesis Requirement

Each candidate for a Master's degree must submit a thesis in partial fulfilment of the requirements. The candidate will be assigned to a professor in and by the department in which he is pursuing his graduate study. This professor will act as his advisor in the preparation of his thesis and in the election of his graduate courses.

The subject of the thesis should be selected as early in the courses as possible, preferably before the end of the first quarter of residence.

The student should acquire an understanding of, and ability to use, the elementary technique of research in his field of study. He should show ability to present clearly and effectively the results of his or other investigations in his field.

The thesis shall be typewritten upon twenty-pound paper, 8½x11 inches, and should be double spaced with an inch margin on both right and left hand sides. Two copies, the original and first, approved by the advisor, shall be deposited with the Chairman of the Graduate Committee not later than two weeks before the date of the final examination for the degree.

Five typewritten abstracts of the thesis, of not more than six hundred words, shall be submitted to the Chairman of the Graduate Committee not later than two weeks before the final examination for the degree. These abstracts shall include a brief summary of:

The problem.
Methods of procedure.
Summary of results.
Conclusions.
Contributions.

The title page of the thesis shall be prepared in accordance with the following form:

MASTER'S THESIS

SUBJECT: .....

Presented To The Faculty Of The
Prairie View State Normal And Industrial College
As Partial Fulfilment For Requirement For Degree Of
Master Of Arts
by

.....

And Accepted On The Recommendation

of

.....

....

Title Department

.....

Date

Final Examinations

A candidate for the Master's degree is required to take an oral examination which is a final test of his fitness for the degree. This examination is administered by the Graduate Committee and the department concerned. It consists of a comprehensive test in the courses offered by the student in candidacy for the degree, and includes specifically a test of his grasp of the technique of research in that field.

Any candidate who fails in the first examination may be allowed a second examination, provided it does not come earlier than one quarter from the date of the previous examination, and the application for the second examination bears the approval of the department in which the student is specializing.

No thesis will be accepted that is not written in clear, effective, and correct English.

Courses Of Instruction

The courses offered will represent a definite relation to the academic program of the college and shall be reflective of the needs of the student. The course offerings will be grouped so as to provide for a systematic plan, involving a definite aim. At present the work will be restricted to the following fields:

Major

A. Education:

S515. —Educational Administration.
S513A.—Elementary Statistics.
S513B.—Educational Measurements.
S525A.—Problems of Educational Administration—Interpretation of present tendencies.
S525B.—Problems in Rural Education.
S535. —Materials of Instruction.
S533A.—Elementary Research.
S533B.—Seminar and Thesis Writing.

B. Chemistry:

S515A.—Quantitative Analysis; Advanced Qualitative Analysis.
S513A.—Organic Preparations.
S513B.—Qualitative Organic Analysis.
S525A.—General Theoretical and Physical Chemistry.
S523A.—Physico-Chemical Calculations.
S523B.—Advanced Physical Chemical Laboratory.
S533A.—Industrial Chemistry; Lectures and Recitations.

S533B.—Industrial Analysis.
S535. —Bio-Chemistry.
S532B.—Seminar and Thesis.

Minors

A. English:

513A.—An Introduction to Graduate Work in English; Methods and Bibliography of Research.
513B.—Advanced Shakespeare.
523A.—Seminar in Elizabethan Drama.
525. —Theme Writing.
535. —The Short Story.

B. Social Science:

513A.—Rural Sociology.
513B.—The Rural Community.
523A.—Rural Survey Method.
523B.—Principles of Rural Community Organizations.
535A.—Rural Education and Country Life.
535B.—History of Modern Social Thought.

REGULAR SESSION GRADUATES

1929-30

Name	Course	Address
Abernethy, Oswald Charles	Agri.	Denver, Colorado
Anderson, Israel Thomas	M. A.	Fort Worth
Arnold, Robert V.	Agri.	Overton
Beal, Marie Leonane	H. E.	Calvert
Blackmon, Myrtle Helen	H. E.	Longview
Branch, Woodie L.	A. & S.	Houston
Bryant, Willie Russell	M. A.	Alleyton
Cameron, Julius W., Jr.	A. & S.	Tyler
Clark, Juanita M.	H. E.	Houston
Clement, Vera Mae	A. & S.	Paris
Collins, Alvin Lindsay	Agri.	Mt. Pleasant
Colter, Onnie L.	H. E.	Prairie View
Colvin, Annie Mary	A. & S.	Prairie View
Cotton, Earla Mae	A. &. S.	Temple
Cox, Hattie Louise	A. &. S.	Marlin
Craig, Cammie A.	A. &. S.	Galveston
Dailey, James Eldredge	M. A.	Prairie View
Dix, Eugene	Agri.	Bryan
Figa, M. McKinley	A. & S.	Beaumont
Fleming, Ruth B.	A. &. S.	Houston
Freeman, W. E. D.	A. & S.	Hempstead
Gaston, Irma Mildred	H. E.	Dallas
Givens, Evester	A. & S.	Athens
Greene. Lucyle Helen	A. & S.	Beaumont
Harris, Eleanor Josephine	A. &. S.	Galveston
Harris, Phillis	N. T.	Waelder
Henry, Artye Meka	A. & S.	Houston
Hill, Ethel E.	N. T.	Houston
Hilliard, Roby W.	A. & S.	Bay City
Hines, Ellouise	H. E.	Houston
Jenkins, Hattie Marie	H. E.	Trinity
Jenkins. Juanita	H. E.	Houston
Johnson, James L.	A. & S.	Fort Worth
Johnson, Robert Judson	A. & S.	Fort Worth
Jones, Thelma Robin	A. & S.	Houston

Name	Course	Address
Kelley, Evelyn Louise	A. & S.	Beaumont
Kennedy, Leonard M.	Agri.	Nacogdoches
Lawrence, Odis B.	A. & S.	Montgomery
Lee, Dora Myrtle	A. & S.	Houston
Lee, James Frank	Agri.	Beaumont
Lewis, Marion	A. & S.	Beaumont
Lewis, Willie J.	A. & S.	Somerville
Martin, Sally	A. & S.	Houston
McCall, Lois Bernice	H. E.	Houston
McCutcheon, Alberta Jean	A. & S.	Houston
McKinney, Olivia Sylvia	A. & S.	Houston
McLean, Early D.	N. T.	Brenham
Moore, Eva Doris	H. E.	Fort Worth
Moore, Gladyse Minerva	H. E.	Galveston
Moore, Rosa Lee	H. E.	Fort Worth
Myers, Saora Eulalia	A. & S.	Galveston
Outley, Odessa Lee	H. E.	Houston
Pollard, Clara Jonquil	A. & S.	Houston
Polk, Allie B.	H. E.	Houston
Poston, Ernestine A.	A. & S.	Galveston
Prince, Samuel Walter	A. & S.	Fort Worth
Prince, Walter	Agri	Oakwood
Rector, Cornetta Margaret	A. & S.	Dallas
Reese, Mattie Elizabeth	A. & S.	Prairie View
Ross, Valerie Effie	H. E.	
Rush, Rubye L.	A. & S.	Bryan
Sanders, Gregory	M. A.	Prairie View
Sessums, Thelma Navrria	A. & S.	Houston
Sewell, Alma Lee	H. E.	Houston
Simon, Marguerite Lucyle	A. & S.	Beaumont
Simpson, William F.	A. & S.	Waxahachie
Smith, Victoria Davis	A. & S.	San Antonio
Spiller, Myrtis Imogene	H. E.	Houston
Staton, Henry	Agri.	Calvert
Tamplin, Annie E.	A. & S.	Marietta
Taylor, B. J. Hammon	Agri.	Bastrop
Thomas, Clemmie C.	A. & S.	Kerens
Thompson, Lola B.	A. & S.	Houston
Treadville, Ida Mae	A. & S.	Houston
Townsend, Madge O.	A. & S.	New Orleans, La.
Turner, Veora C.	A. & S.	Dallas

Name	Course	Address
Van Dyke, Juanita Margaret	A. & S.	Austin
Waldon, Minyon Catheryn	H. E.	Ennis
Wallace, Elneita B.	A. & S.	Silsbee
Washington, Lela Joyce	A. & S.	Houston
Watson, Minnie Stockton	A. & S.	Chicago, Ill.
White, Otis T.	A. & S.	Galveston

SUMMER SESSION

1930

Name	Course	Address
Anderson, Archibald	Agri.	Austin
Armstrong, Ira E.	Educ.	San Antonio
Atkinson, Carrie A.	Educ.	Houston
Austin, Lillie Taylor	Educ.	Houston
Bandy, Lois	Educ.	Houston
Barard, Minnie B. Miligan	Educ.	Houston
Birdwell, Mary Francis T.	Educ.	Bedias
Bluitt, Leroy	Educ.	Limestone
Bowles, Ella Mae	Educ.	Victoria
Bridgman, Pinkie Yates	Educ.	Houston
Burgess, Desdemona W. Bryant	Educ.	Houston
Buchanan, Lister	Agri.	Prairie View
Burleson, Texana	Educ.	Houston
Burns, Estella P.	H. E.	Seguin
Burr, Fannie Earnestine	Educ.	Houston
Charles, Bessie V.	H. E.	Beaumont
Coleman, Birdie Castle-Padgitt	H. E.	Kerens
Cox, Ruth Eleanor	H. E.	Mexia
Cozier, Mayme Flood	Educ.	Houston
Criswell, Sallie	Educ.	Houston
Crosby, Bessie Mae	Educ.	Hitchcock
Davis, Hattie Maud	Educ.	Prairie View
Davis, Eula M. Visor	Educ.	San Antonio
Davis, Mary Etta	Educ.	Houston
Davis, Rosella E.	Educ.	Houston
Derry, Mattie Smith	Educ.	San Antonio
Drisdale, Willie L.	Educ.	West Point
Dunn, Adeline E.	Educ.	San Antonio

Name	Course	Address
Easter, Rosie Lee Burke	Educ.	Houston
Edwards, George W., Jr.	Educ.	Gonzales
Elliott, Ella B.	Educ.	Houston
Ellis, Lula B.	Educ.	Brenham
Fair, Eugene	Agri.	Goliad
Fitzgerald, Franklena B.	Educ.	Houston
Ford, Bonnie Ella	Educ.	Houston
Fox, Annie Virta	Educ.	Houston
Fry, Ethel M. Philips	Educ.	Prairie View
Gentry, Ruby Edith	Educ.	Beaumont
Graham, Sammie O. King	Educ.	Houston
Gray, P. Y.	Agri.	Naples
Hall, Georgia L. B.	Educ.	Houston
Harrison, L. A. Henton	Educ.	DeKalb
Hayward, Olivia A.	Educ.	Houston
Herring, Veola L.	Educ.	Houston
Henry, Minnie O.	Educ.	Oakwood
Henry, Nettie E.	Educ.	Navasota
Henry, Pauline Melonee Watkins	Educ.	Houston
Hines, Carl J.	Educ	
Holley, Irene	Educ.	San Antonio
Holley, Thos. L.	Educ.	San Antonio
Jackson, E. Magnolia	Educ.	Houston
Johnson, Bessie Hallowell	Educ.	Houston
Johnson, Mary A.	Educ.	Hempstead
Johnson, W. L. D.	Educ.	Houston
Jolley, Lee Goree	Agri.	Bastrop
Jordan, Lucile B.	Educ.	Houston
Lacour, Mabell Allean	Educ.	Houston
Lane, Cecelia Scott	H. E.	Houston
Lee, Tommie Eliza	Educ.	Houston
Lemons, Lillie E.	Educ.	Weimar
Lewis, L. E.	Educ.	Houston
Lott, Jessie L.	Educ.	Harris
McVea, Lola C. Dibrell	Educ.	Houston
Mitchell, Mabel Wells	H. E.	Houston
Money, Ethel T.	Educ.	Houston
Neal, Matie Helen	Educ.	Tyler

Name	Course	Address
Parrish, Steve O.	Agri.	Mexia
Patterson, Sarah R. S.	Educ.	Houston
Pemberton, Lolaretta E.	Educ.	Marshall
Pendleton, Rachel Helena	Educ.	Houston
Philips, Geneva Evangeline	Educ.	Seguin
Pleasandt, Lillian Savanah	Educ.	San Antonio
Polk, Ollie M.	H. E.	Houston
Ragsdale, Bertha Reed	Educ.	San Antonio
Reese, Goldie Bernice	Educ.	Houston
Reid, James	Educ.	Houston
Reid, Maggie E. C.	Educ.	Gonzales
Renfroe, Francise	Educ.	Prairie View
Roberts, Ira Kilpatrick	Educ.	San Antonio
Roberts, Thomasina C. Isaacs	Educ.	Houston
Robinson, F. William	Educ.	Vernon
Sanderson, Annie V. Johnson	Educ.	Houston
Sanderson, James Charles S.	Educ.	Houston
Saynes, Neal Edwin	Educ.	Tyler
Scallion, Helma	Agri.	Schulenberg
Sheffield, Bessie A. Perpener	Educ.	Seguin
Simmons, Lewis Anderson	Educ.	Newton
Stiles, Esther A.	Educ.	Cuero
Stokes, Pearl O.	H. E.	Galveston
Tarrow, Etheline Annie	Educ.	Midway
Terrell, Nancy Enola Rea	Educ.	Anderson
Thomas, Mon M.	Agri.	Jefferson
Urquhart, Alecia Victoria	Educ.	Galveston
Walls, Bessie Blackburn	Educ.	Galveston
Washington, Viola Dellores	Educ.	Fort Worth
Webb, Ivor Vera	Educ.	Houston
Wesley, Mabel	Educ.	Houston
White, Fannie Inez Bryant	Educ.	Houston
Williams, Simmie B.	Educ.	Houston
Williams, Annie Ethel	H. E.	Seguin
William, Ike	Educ.	Palestine
Wright, Ruth Nunley	Educ.	San Antonio

UNDER GRADUATES

1930-31

The following list includes Seniors, Juniors, Sophomores, Freshmen, Special and Irregular students. Abbreviations here used denote curricula as follows: Agri., Agriculture; M. A., Mechanic Arts; H. E., Home Economics; A. & S., Arts and Sciences; Pre-Med., Pre-Medical; N. E., Nursing Education.

Seniors

Name	Course	Address
Adams, Alton	Agri.	Jasper
Adams, Mercile Valma	A. & S.	Beaumont
Agent, Juanita C.	A. & S.	Houston
Aikens, Anita Lauretta	H. E.	Ennis
Akins, Algerene Monicuta	A. & S.	Austin
Anderson, Mercedes	H. E.	Sealy
Austin, Ludia Bookman	A. & S.	Prairie View
Bosset, Ezora Ann	H. E.	Houston
Bell, Ethel Melba	H. E.	Longview
Boykins, Mildred Dale	H. E.	Taylor
Bradford, Salome Alice	H. E.	Fort Worth
Brooks, Rubye Pearl	H. E.	Terrell
Brown, Annie Lois	H. E.	Brenham
Brown, John Hill	Agri.	Stoneham
Brown, Marshall	Agri.	Madisonville
Bryant, Arthur	Agri.	Calvert
Buggs, Marie S.	H. E.	Trinity
Butler, Charles M.	Agri.	Sweet Home
Byers, Geneva E. Henry (Mrs.)	H. E.	Houston
Callahan, Thurman	A. & S.	Ennis
Campbell, Willie Lee	H. E.	Nacogdoches
Cephas, Johnnie Lee	H. E.	San Marcos
Childs, Vita O.	H. E.	Los Angeles, Calif.
Christopher, Ruth Anna	A. & S.	San Antonio
Colvin, Viola A.	N. E.	Elgin
Connor, Hillard Ouidell	H. E.	Houston
Cooper, Robert Charles	A. & S.	Jefferson
Coss, Robert Weldon	Agri.	Laneville
Dansby, Cuney Bruce	Agri.	Kilgore
DeBruhl, Evelyn M.	A. & S.	Galveston
DeBruhl, Theresa M.	A. & S.	Galveston
Eaton, Eva Mae	Educ.	College Station
Fucles, Alberta M.	H. E.	Austin

Name	Course	Address
Ferguson, C. E.	Agri.	Nacogdoches
Gaston, Rubye Joyce	H. E.	Houston
Gilmore, Mildred Lee	A. & S.	Beaumont
Goodson, Mayme Maxine	A. & S.	Yoakum
Greer, Booker T.	A. & S.	Center
Hall, Mildred Dale	A. & S.	Austin
Hammond, Alma Odell	A. & S.	Fort Worth
Hanner, Idonia Carrie	H. E.	Galveston
Harris, Joel	M. A.	Waco
Henderson, Annie Mae	H. E.	Mexia
Henderson, Florell Creasie	A. & S.	Houston
Henry, Edgar George	A. & S.	Houston
Hilliard, Bernice E.	H. E.	Galveston
Hogan, Vina Laura	H. E.	Brenham
Holford, John L.	A. & S.	Gainesville
Holt, Lueanna G.	A. & S.	Taylor
Howard, Daisy Bell	H. E.	Fort Worth
Jackson, Frances A.	A. & S.	Hempstead
Jackson, Virtte Anita	A. & S.	Houston
Jefferson, Vista Adel	A. & S.	Marlin
Johnson, Mary Frances	H. E.	Fort Worth
Johnson, Vivian Estelle	A. & S.	Houston
Jones, Mrs. Armie L.	A. & S.	Prairie View
Jones, Grace E.	H. E.	Prairie View
Jones, Sadie R.	H. E.	Prairie View
Jones, Willie Mae	N. E.	Caldwell
Kelley, Allene	H. E.	San Antonio
Kerr, Robbie Lee	H. E.	San Marcos
Knight, Nancy Vina	N. E.	Tyler
Kyle, Eddie Winston	Agri.	Houston
Lea, Mary Pratt	H. E.	Beaumont
Lee, Elna Irene	H. E.	Houston
Lewis, Anna Mae	N. E.	Bryan
Love, F. V.	A. & S.	Gainesville
Lovett, Andrew Carnegie	A. & S.	Kerens
Lowery, J. B. (Mrs.)	A. & S.	San Antonio
Luter, Buckner	Agri.	Fannin
Malone, Kahal	Agri.	Waco
Maxwell, Lillian M.	A. & S.	Houston
McAlister, Robert Thomas	A. & S.	Jefferson
McFarland, Prinzola	N. E.	Silsbee
Menifee, Medora	H. E.	Galveston
Miller, Geneva E.	H. E.	Fort Worth
Mitchell, Leonidas H.	A. & S.	Tyler
Molett, Diverna Mae	A. & S.	Beaumont

Name	Course	Address
Mollett, Jewell Ella	A. & S.	Beaumont
Molett, Rosetta Beatrice	A. & S.	Beaumont
Moore, Belma Jessye	A. & S.	Dallas
Newsome, Marguerite	A. & S.	Houston
Nichols, Tempie Elizabeth	H. E.	Taylor
Norton, Allen E., Jr.	A. & S.	Houston
Orr, Leo E.	M. A.	Frost
Palmer, Sidney E.	Agri.	Toledo
Parramore, Joseph Hugh	Agri.	San Antonio
Perry, Eunice Vestal	H. E.	Houston
Perry, Jimmie L.	A. & S.	McKinney
Phelps, Ruby O.	H. E.	Houston
Phillips, Irene L. (Mrs.)	H. E.	Prairie View
Pigford, Vivienne Mazy	A. & S.	Bryan
Pigford, William	A. & S.	Bryan
Pointer, Leona Melvyne	H. E.	Ennis
Pope, Maryland	N. E.	Calvert
Price, Cohuita H.	A. & S.	LaGrange
Prince, Bennie Theodore	Agri.	Oakland
Randall, Annie Mae	H. E.	Galveston
Rhine, Clemontine L.	A. & S.	Hillsboro
Rhoden, Corine J.	N. E.	Nacogdoches
Rice, Friendly	A. & S.	Houston
Riley, Bernice Cleo	A. & S.	Hempstead
Riser, Almeda Elizabeth	H. E.	Dallas
Robinson, Frank James	Agri.	Flint
Robinson, Lela A. Jordan (Mrs.)	H. E.	Houston
Rogers, Agness Belle	A. & S.	San Antonio
Rodgers, Vara Katie	H. E.	Houston
Rollins, Earl George	M. A.	New Orleans, La.
Rowan, Iola Winn (Mrs.)	H. E.	Dallas
Rutledge, Paul	Agri.	Bishop
Sampson, Sylvester A.	Agri.	Burton
Sanders, Floyd E.	Agri.	Nacogdoches
Sanders, Rozena	H. E.	Lufkin
Scott, Coleta A. E.	A. & S.	Waco
Shackles, Naomi Ruth	A. & S.	Houston
Sheffield, Maggie Mae	H. E.	Houston
Simms, Mary Alice	A. & S.	Waco
Spriggs, Bertha Mae	A. & S.	Houston
Sprott, Waurine B.	H. E.	Beaumont
Starks, Bernice E.	A. & S.	Houston
Tarver, Nathaniel N.	Agri.	Houston
Tapscott, Gertrude K. (Mrs.)	H. E.	Prairie View

Name	Course	Address
Teal, Artelia L.	H. E.	Crockett
Terrell, Malinda C.	H. E.	Anderson
Thomas, Ethel Watkins (Mrs.)	H. E.	Huntsville
Thomas, Harvey L.	A. & S.	Beaumont
Tipton, Louise	N. E.	Caldwell
Toliver, Katie Williams (Mrs.)	A. & S.	Hempstead
Vanwright, Gussie Lee	H. E.	Beaumont
Walker, Erma E.	H. E.	Hempstead
Waller, Calvin Walton	Agri.	Prairie View
Ware, Ethel Lorine	A. & S.	Tyler
Warren, Lula Belle	A. & S.	Houston
Watkins, Lottie Chloe	H. E.	Houston
Watkins, U. W.	A. & S.	Huntsville
Watson, Otelia A. (Mrs.)	H. E.	Prairie View
Wells, Bessie Lee Jewel	H. E.	Beaumont
Wheeler, Mary Lee	H. E.	Wortham
Wiley, Zealous D.	A. & S.	Manning
Williams, Beatrice	A. & S.	
Wilson, Leola A.	H. E.	Galveston
Wilson, Norman P.	Agri.	Texarkana
Wilson, Pinkie Dorothy	N. E.	Brenham
Yancy, Ora Lee	A. & S.	Hempstead

Juniors

Adams, George W.	Agri.	Oakland
Allen, Verdia C.	A. & S.	Fort Worth
Anders, Daisy O.	H. E.	Mineral Wells
Anderson, Mrs. Ida E.	A. & S.	Houston
Arnold, Arizona W.	H. E.	Mexia
Baker, Alvesta Mae	H. E.	Fort Worth
Ball, Walter K.	Agri.	San Antonio
Barlow, M. K.	A. & S.	Beaumont
Bartlett, Meddie Laurae	A. & S.	Waco
Bowles, Nona Bell	H. E.	Victoria
Brackens, Everlena Leo	H. E.	Silsbee
Branch, Martha Mary	A. & S.	San Antonio
Breeding, Fidelus D.	A. & S.	LaGrange
Brooks, Darline Vivian	A. & S.	Sherman
Brown, Agnes R.	H. E.	Beaumont
Brown, Lillian A.	A. & S.	Galveston
Brown, Marie E.	H. E.	Dallas
Butler, Leila M.	H. E.	Palestine
Caldwell, Eller Mae	H. E.	Victoria
Cashaw, Luella	A. & S.	Benchley

Name	Course	Address
Clark, Ardella	H. E.	Nigton
Cobb, Clyde Alvin	Agri.	Groesbeck
Coffey, Vivian M.	H. E.	McKinney
Collier, Mrs. Hallie Atkinson	A. & S.	Prairie View
Collins, Harold	A. & S.	Mt. Pleasant
Combs, Elroy David	Pre-Med.	San Antonio
Davenport, Jack J.	A. & S.	Beaumont
Davis, James Clarence	A. & S.	Tempie
Dearon, Essie Lee	H. E.	Beaumont
Derry, Johnnie Marvell	A. & S.	San Antonio
Dixon, Irene Leona	H. E.	Beaumont
Drennan, William Henry	Agri.	Calvert
Duncan, J. W.	A. & S.	McKinney
Earles, Xenia	A. & S.	Galveston
Eason, Commodore	Agri.	Oakland
Edwards, Alonia Maudesta	A. & S.	Houston
Edwards, Blanche Lee	A. & S.	Texarkana
Fair, Mrs. Eugenia	H. E.	Prairie View
Flemings, Beatrice Virginia	H. E.	Fulshear
Flowers, Mary	A. & S.	Clay
Francis, Reba B.	H. E.	Tyler
Frazier, Patsy H.	H. E.	Houston
Frazier, Sallie Vernell	A. & S.	Houston
Gee, Viola Jewel	H. E.	Oklahoma City, Okla.
Gooden, Jack	Agri.	Madisonville
Green, Helen V.	H. E.	Houston
Greene, Willie Mae	N. E.	Coleman
Greene, Iris Clark		
Harris, Cornelius A.	A. & S.	Galveston
Harris, Simonetta Zenobia	H. E.	Fort Worth
Harrison, Alma B.	H. E.	Orange
Haws, Doxie Darling	A. & S.	Dallas
Hilliard, Asa Grant, Jr.	Agri.	Bay City
Holland, Arwilda	H. E.	Houston
Hollingsworth, Mable	A. & S.	Waxahachie
Hopkins, Vada Lee	A. & S.	Beaumont
Howard, Faye Leola	H. E.	Beaumont
Howard, Lowery Pierce	A. & S.	Texarkana, Ark.
Howard, Ruben J.	A. & S.	Texarkana, Ark.
Huckaby, Leon Frank	A. & S.	Ennis
Hutcherson, Willie E.	A. & S.	Ben Wheeler
Jackson, Hazel Lelan	H. E.	Galveston
James, Jefferson	Agri.	Texarkana
Johnson, Myrtis L.	A. & S.	Galveston
Johnson, Vera Leslie	H. E.	Houston

Name	Course	Address
Jones, Thelma Pinkie	A. & S.	Ben Wheeler
Keyes, Elizabeth Kathryn	A. & S.	Denison
Kilpatrick, Elizabeth	H. E.	Prairie View
Kirkwood, Sarah A.		
Krushall, Abbie Gail	N. E.	Eagle Lake
Lee, Henry James	Pre-Med.	Houston
Lewis, Margerine	H. E.	Beaumont
Lewis, Nathaniel A., Jr.	A. & S.	Shreveport, La.
Lockett, Gladys A.	A. & S.	San Antonio
Mason, Olera Leo	H. E.	Stoneham
Mason, Pauline R.	H. E.	Little Rock, Ark.
Mason, Shelton	M. A.	Bryan
Mayes, Thomas Andrew	Agri.	Hempstead
McCullough, Lela Mae	A. & S.	Fort Worth
McCullough, Marcellus	Agri	Crockett
Mills, Bodea Glyn	Agri	Dallas
Minor, Maxine E.	H. E.	Beaumont
Moore, Esther Ruth	H. E.	Beaumont
Mosley, Olivia Bedelma	A. & S.	Bryan
Murphy, Lovie Marie	H. E.	San Antonio
Nickerson, Libbie Lee	H. E.	Houston
Nolly, Effie Mae	A. & S.	College Station
Paley, R. J.		
Palmer, Ernest	Agri.	Prairie View
Palmer, Mrs. Lillie M. S.	H. E.	Wiergate
Parker, Hattie Purcell	A. & S.	Houston
Perkins, Vertie Mae	H. E.	Beaumont
Peters, Wilk Smith	A. & S.	Chester
Peterson, Mabel M.	H. E.	Beaumont
Pierce, Laura Jane	N. E.	Hillsboro
Pittman, Fay L.	A. & S.	Gonzales
Platt, Lois E.	A. & S.	Denison
Powdrill, James V.	Agri.	Nacogdoches
Powell, James Everett	A. & S.	Beaumont
Price, Iris Emma	A. & S.	Taylor
Price, Lewis Crawford	A. & S.	Taylor
Raibon, Alice Magdalene	H. E.	Chandler
Randle, Mellinee	H. E.	Houston
Ray, Arlia	N. E.	Jacksonville
Ray, Ruth Thelma	A. & S.	Houston
Robinson, Chaucer	A. & S.	Fulshear
Robinson, Velma Eugenia	H. E.	Palestine
Sadberry, Oliver W.	Agri.	Gause
Sanders, Clyde	A. & S.	Dallas
Sanders, Milton C.	Agri.	Yoakum

Name	Course	Address
Scales, Eleanor	A. & S.	San Antonio
Scott, Erma	H. E.	Navasota
Settler, Bessie Captiola	H. E.	Prairie View
Sharpe, Imogene Adella	H. E.	Houston
Sherrell, Stanford	A. & S.	Ennis
Shofner, Janie Mae	H. E.	Athens
Simms, Geneva	N. E.	Flatonia
Simpson, Cleo Dell	H. E.	Beaumont
Smith, Elmo L.	H. E.	Silsbee
Smith, Ernest	Agri.	Gause
Smith, Hazel	H. E.	Houston
Smith, Jewell Opal	H. E.	Waxahachie
Smith, Pleas	A. & S.	Bay City
Sparrow, Katie Mae	H. E.	Orange
Spencer, Lueberdie	N. E.	Beasley
Tabb, Hermine Aleta	A. & S.	Lexington, Ky.
Tate, Savella B.	A. & S.	Sherman
Tatum, Hazel	H. E.	Paris
Thomas, Charles Harrison	Agri.	Prairie View
Thomas, Cline	Agri.	Seguin
Thurmond, Jewell Clara	H. E.	Edna
Tillman, Juanita	A. & S.	Beaumont
Tribble, Jewel Evelyn	H. E.	Fort Worth
Washington, Ennis J.	Agri.	Independence
Washington, K. L.	Agri	Trinity
Washington, Lillian	A. &. S.	San Antonio
Watkins, Eddie R.	Agri.	Huntsville
Watson, Mattie A.	N. E.	Corsicana
Wells, Mary Lucy	H. E.	Beaumont
Whitby, Marie A.	H. E.	Abilene
Whiting, Mattie B.	A. & S.	Houston
Whittaker, Robert J.	Pre-Med.	Timpson
Williams, Abraham L.	Agri.	Taylor
Williams, Alberta Lenora	Agri.	Huntsville
Williams, Willia Elnora	H. E.	Bryan
Wilkerson, R. W.	M. A.	McKinney
Wilson, LaVarn Alillian	A. & S.	Texarkana
Woods, Ezell L. M.	A. & S.	Galveston
Woodson, Darius	Agri.	Nacogdoches

Sophomores

Adams, Jesse, Jr.	Agri.	Cuero
Alexander, Willie Mae	H. E.	Sunny Side
Alexander, Zelmor	H. E.	Lampasas

Name	Course	Address
Anderson, Harold Boykins	A. & S.	Texarkana, Ark.
Armstead, Lucile	H. E.	San Marcos
Armstrong, Ethel Mae	H. E.	Freeport
Armstrong, Mary A.	A. & S.	Port Arthur
Arnold, Harold D.	A. & S.	Elgin
Barker, Alziner Beatrice	H. E.	Beaumont
Bates, Samuel Kindel	Agri.	Mexia
Beachum, Preston	A. & S.	Hubbard
Beene, Milton, Jr.	Agri.	Belton
Bennett, Santellia M.	A. & S.	Houston
Bevil, Ruth Mae	A. &S.	Jamestown
Bibbs, Gertrude Lillie	A. & S.	San Antonio
Blair, Celestus	Agri.	Willis
Booghrey, Lois	A. & S.	Shreveport, La.
Bowers, Ruby	A. & S.	Whartor
Brown, Joseph Lewis	A. & S.	San Marcos
Brown, Pansy Marion	H. E.	San Marcos
Burton, Earlene	A. & S.	Fulshear
Busu, Madgelean	H. E.	Bellville
Caldwell, Marion Ermice	H. E.	Houston
Canada, Mary Lee	A. & S.	Galveston
Carter, Napoleon H.	H. E.	Brenham
Cebnum, Clarence D.	A. & S.	Houston
Clark, James Malcron, Jr.	A. & S.	Giddings
Clark, William B.	Agri.	Quitman
Clarkson, Claudia Mae		
Clayton, John L.	A. & S.	Houston
Clement, Thestal Tyndle	Agri.	Hawland
Cleveland, Amanda Jewell	A. & S.	Beaumont
Cockrell, Thelma Alyce	H. E.	Temple
Coleman, Henry E., Jr.	A. & S.	Dallas
Coleman, Joseph O.	A. & S.	Nacogdoches
Coleman, Katherine	H. E.	Corsicana
Coleman, Lena Mae	A. & S.	Corsicana
Collins, Ellwood Earnest	Agri.	Denver, Colo.
Collins, William	Agri.	Dime Box
Como, Garfield Clyde	A. & S.	Beaumont
Cotton, Ore Andrews	H. E.	Mexia
Courtney, Mildred Josephine	A. & S.	Laredo
Curry, Johnson	Agri.	Nacogdoches
Davis, Thelma Mae	H. E.	Kaufman
Diggs, Sydney Jewell	H. E.	Bellville
Diggs, Thelma Ethel	A. & S.	Bellville
Drisdale, Laine Lester	A. & S.	Oakland, Calif.
Dwellingham, Welton	Agri.	Nacogdoches

Name	Course	Address
Dykes, Bertha S.	H. E.	Galveston
Ellis, S. Q.	A. & S.	Stoneham
Fairfax, Theodore Lawson	Agri.	Houston
Foster, Ann Fola	H. E.	Mexia
Francis, Ima B.	A. & S.	Tyler
Givins, Lena Verdell	A. & S.	Somerville
Gradington, Mable		
Grayson, Henry	A. & S.	Houston
Guidry, Namer Lee	H. E.	Beaumont
Hadnott, Emma Mae	A. & S.	Beaumont
Hall, Anthony	A. & S.	Beaumont
Harris, Emma Gertrude	A. & S.	Houston
Hathaway, Sarah Lee	A. & S.	Taylor
Hawkins, Saul, Jr.	Agri.	Nacogdoches
Haywood, Mary Etta	H. E.	Del Rio
Hennington, Louie	A. & S.	Taylor
Henry, Amanda E.	H. E.	Lufkin
Henry, Arnett Alexander	Agri.	Stoneham
Herndon, Norris	Agri.	Reagan
Hill, Myrtle P.	A. & S.	Galveston
Hinton, Paul D.	Agri.	Benchley
Hogan, Booker T.	A. & S.	Brenham
Hogan, Sammie R.	A. & S.	Brenham
Holmes, Ola Belle	H. E.	Sunny Side
Houston, Haskell	M. A.	Bay City
Hoyt, Hazel Procella	H. E.	Nacogdoches
Hughes, Tommie L.	A. & S.	Houston
Hughey, Lillian	H. E.	Tyler
Hunnicutt, Lillie Mae	H. E.	Ennis
Hutchinson, Blossom	A. & S.	Brenham
Johnson, Claudius Lister	A. & S.	Houston
Johnson, Irene E.	A. & S.	San Antonio
Johnson, Louise Margurete	A. & S.	Beaumont
Johnson, Milburn Vernelle	A. & S.	San Antonio
Johnson, Myrtle Mary	A. & S.	Texarkana
Johnson, Rosie Mae	H. E.	Abilene
Jordan, Eldridge	A. & S.	Houston
Kemp, Isaac B.	M. A.	Hempstead
Kelley, Eva Mae	A. & S.	Wharton
Kennedy, Dorothy	H. E.	Mexia
Keyes, Loyal Tennyson	A. & S.	Dallas
Kinchion, Ollie Harris	A. & S.	Belton
King, Eula Mae	H. E.	Mexia
Le Blance, Ethel	A. & S.	Beaumont
Lee, Estella Mae	H. E.	Beaumont

Name	Course	Address
Legardy, Josie Mae	A. & S.	Fort Worth
Lilleton, Nona Marie	A. & S.	Dallas
Lockett, Willie F.	Agri.	Garrison
Mark, Jim Bob	Agri.	Nigton
Martin, Amanda Ruth	H. E.	Dallas
Mayfield, Myrtle B.	A. & S.	Beaumont
McAlister, Tommye L.	H. E.	Jefferson
McBay, Willie Earlene	H. E.	Mexia
McCloud, Mosetta Dorothula	A. & S.	Sherman
McCullough, Arthur, Jr.	Agri.	Houston
McCullough, Velma	A. & S.	Dallas
McDade, Clara Belle	H. E.	Belleville
McDonald, Mattie Lou	H. E.	Plano
McFarland, Willie E.	Agri.	Ledbetter
McMillan, Melba Julia	A. & S.	Prairie View
Miller, Etta Mae	A. & S.	Kingsbury
Milligan, Annie Mae	H. E.	Houston
Mitchell, Lillian	A. & S.	Marshall
Money, Lillian	A. & S.	Somerville
Moore, Annie B.	H. E.	Avinger
Moore, Isabelle E.	H. E.	Galveston
Morgan, Ella F.	H. E.	Athens
Morgan, Janice M.	H. E.	Columbus
Murray, Naomi Rosella	A. & S.	Houston
Myers, Elizabeth P.	H. E.	Henderson
Norwood, Gertrude	H. E.	Kansas City, Mo.
Nowlin, Eliza	A. & S.	Clarksville
Oliver, Ella Mae	H. E.	Terrell
Oliver, Lois	H. E.	Beaumont
Parks, Velma Alberta	A. & S.	Denver, Colo.
Patterson, Jesse William	Agri.	Beaumont
Peaugh, Nettie Mae	A. & S.	San Felipe
Peterson, Aubrey	A. & S.	Corsicana
Phillips, Beatrice	A. & S.	Texerkana
Phillips, Louise Jose Mae	A. & S.	Beaumont
Pollard, Willie	M. A.	Beaumont
Porter, Square C., Jr.	A. & S.	Hubbard
Priestly, Gustella	H. E.	El Paso
Pride, Margaret Emma	H. E.	Houston
Raibon, Larken Adolphus	Agri.	Tyler
Raibon, Lonnie	Agri.	Tyler
Ray, Freeman	A. & S.	Houston
Redus, George Elzy	M. A.	Bay City
Richards, Bessye Dolores	H. E.	Prairie View

Name	Course	Address
Richards, Willie R.	H. E.	Prairie View
Ricks, Thommye O.	A. & S.	Taylor
Riley, Walter Hamilton	A. & S.	Houston
Roberts, Johnnie	M. A.	Shreveport, La.
Robinson, Fannie Lenore	A. & S.	Port Arthur
Robinson, Rachel Lela	H. E.	Cedar Lane
Rome, Lenora Bell	H. E.	Huntsville
Roquemore, Theodore C.	A. & S.	Houston
Roligan, Arline Wilma	A. & S.	Fort Worth
Rowland, Lydia O.	H. E.	Hillsboro
Singletary, Willie L.	M. A.	Seguin
Slater, Walter	A. & S.	Monroe, La.
Smith, Bennett Charles	A. & S.	Terrell
Smith, George Hulen	A. & S.	Houston
Smith, Jessie Mae E.	H. E.	Ennis
Smith, John A.	Agri.	Lufkin
Smith, Mary Louise	H. E.	Galveston
Smith, Rosa L.	A. & S.	Wharton
Smith, Thelma Lee		
Smith, Vernice C.	A. & S.	Marlin
Soders, Albert W.	A. & S.	Marlin
Sterling, Ella Louise	A. & S.	Galveston
Stewart, Harrison T.	M. A.	Reagan
Sykes, John Henry	Agri.	Livingston
Taylor, Charles	Agri.	Kendleton
Taylor, Octavia J.	A. & S.	Itasca
Thomas, Catherine	H. E.	Teague
Thomas, Charles, Jr.	A. & S.	Houston
Thomas, James L.	A. & S.	Houston
Thomas, Rosie Annie	H. E.	Fort Worth
Thompson, Alberta Beatrice	A. & S.	Webster
Thompson, Ivy Mae	A. & S.	Clearview, Okla.
Thornton, Octavia Carrie	A. & S.	Richmond
Townsend, Kirmet	Agri.	Schulenburg
Turner, Ollie Wooten	A. & S.	Fodice
Warren, Vernell E.	A. & S.	Houston
Washington, Randolph Edmund	A. & S.	Mexia
Watkins, Othella	A. & S.	Houston
Watson, Grady E.	Agri.	Crockett
Wells, Mattie E. M.	A. & S.	Hempstead
Wiley, Victorine O.	H. E.	Galveston
Williams, Bea Della	H. E.	Mexia
Williams, Cad	Agri.	Palestine

Name	Course	Address
Williams, Dorothy E.	H. E.	Victoria
Williams, Harry W.	A. & S.	Beaumont
Williams, Jesse Henry	Agri.	Houston
Williams, Ruth Sessums	H. E.	Houston
Williams, Vetta Erma	H. E.	Mexia
Williams, Vinea Pauline	H. E.	Hempstead
Wilson, Charles Emily	H. E.	Brackettsville
Winkler, Beatrice Dolores	H. E.	Houston
Williams, Oscar Marcus, Jr.	A. & S.	Fort Worth
Windom, Frank, Jr.	A. & S.	Galveston
Wright, Alma Lucile	H. E.	Mexia
Wright, Van Dalia	A. & S.	San Antonio

Freshmen

Acrey, Howard	A. & S.	Nacogdoces
Alamon, Sophia Lavon	H. E.	Taylor
Allen, Leonard Gertrude	H. E.	La Grange
Allen, Nathaniel R.	A. & S.	Paris
Allen,, Ulysses E.	A. & S.	Paris
Alexander, Curtis Mae	H. E.	Sunny Side
Alexander, Walter H.	Agri.	Groesbeck
Anders, Thelma	A. & S.	Teague
Archie, Nathaniel	Agri.	Hempstead
Anderson, Elizabeth	H. E.	Nacogdoces
Ashford, Frances Lewillas	H. E.	Navasota
Ashford, Malcolm Henry	A. & S.	Corsicana
Atkins, Zelma	N. E.	Elgin
Baldwin, John Clarence	A. & S.	Pel'y
Ball, Anna B.	A. & S.	Fulsear
Barrett, Hattie Emma	H. E.	Liberty
Barrett, Ida Mae	H. E.	Liberty
Baugh, Clarice Cleo	A. & S.	Sweeney
Battles, Barney Lee	A. & S.	Cuero
Bivins, Cornelia Frances	H. E.	Houston
Bland, Reda Lee	A. &S.	Goliad
Blunt, Annie Lee	A. & S.	Humble
Bowles, Sylvia Johnnie	A. & S.	Victoria
Brady, Velma Mae	A. & S.	El Campo
Brannon, Zenobia Christine	H. E.	Dallas
Britt, Ethel B.	H. E.	Waxahachie
Broussard, Iva A.	H. E.	Beaumont
Brown, Ollie Nola	A. & S.	Kingsbury
Bryant, Lacy Lacelia	N. E.	Fort Worth
Bryant, Leola Mae	H. E.	Fort Worth

Name	Course	Address
Bryant, Thelma Y.	H. E.	Houston
Burris, Wayne Othella	A. & S.	Gainesville
Byrd, Hazel Olive	A. & S.	Bellvue
Byrdsong, Edna Mae	H. E.	Shreveport, La.
Calhoun, Artis	A. & S.	Houston
Carpenter, C. E. (Mrs.)	H. E.	Prairie View
Chambers, Johnnye Mae	A. & S.	Fort Worth
Chatham, Bogie Lee	N. E.	Houston
Clarkson, Minervia Jessie	N. E.	Houston
Clay, James Henry	A. & S.	Houston
Cofield, Rennie G.	Agri.	Calvert
Coleman, Shemon	Agri.	Jamestown
Collier, Deola Erma	A. & S.	Bellville
Collins, Lamar	Agri.	Mt. Pleasant
Collins, Marie	H. E.	San Antonio
Collins, Sylvia Maude	A. & S.	Austin
Collins, Zenobia	H. E.	Denver, Colo.
Colter, Lavalia Marcelle	A. & S.	Prairie View
Cummings, Mildred F. M.	H. E.	Caldwell
Curry, Loloyse Florence	H. E.	Temple
Curtis, Henrietta Annie Mae	A. & S.	Dallas
Dailey, William H.	A. & S.	Terrell
Dale, Josephine	H. E.	Bay City
David, Jessie Gladys	H. E.	Mexia
Davidson, Kermit	Agri.	Midway
Davis, Clifford Clinton	A. & S.	Taylor
Davis, James H.	Agri.	Schulenberg
Davis, Jimmie D.	H. E.	Muskogee
Davis, Leo Rosetta	H. E.	Glen Flora
Davis, Leola Mae	A. & S.	Temple
Davis, Odie E.	A. & S.	Hempstead
Davis, Robbie	H. E.	Waxahachie
Davis, Theodore	A. & S.	Beaumont
Dawson, Alzuma L.	N. E.	Columbus
De Bose, Dorothy L.	N. E.	Houston
De Bose, Mae Etta	A. & S.	Navasota
Denton, Eleanor Gladys	A. & S.	Beaumont
Dill, Lettie	N. E.	Silsbee
Duhe, Meothilde C.	H. E.	Beaumont
Echols, Anna Beth	H. E.	Mexia
Echols, Jack W.	Agri.	Mexia
Enoch, Lea Eetta Viola	A. & S.	Yoakum
Evans, Elsie	A. & S.	McKinney
Evans, John Gilbert	A. & S.	Hempstead
Evans, Mona Louise	H. E.	Houston

Name	Course	Address
Fanner, Colat T.	Agri.	Yoakum
Fells, Fannie Mae	A. & S.	Teague
Fields, Ruth M.	A. & S.	Hubbard
Flemings, Gladys I.	A. & S.	Fulshear
Foreman, Irma Pearl	A. & S.	Mexia
Forney, Azalia Joyce	A. & S.	Brenham
Frazier, Estill	A. & S.	Silsbee
Gage, Clara Lee	A. & S.	Houston
Garrett, Irene	A. & S.	Macune
Gary, Clarence Harold	A. & S.	Edna
Gibbs, Rosa Mae	A. & S.	Houston
Gibson, Millie Magnolia	H. E.	Texarkana
Gilder, John Etta	H. E.	Beaumont
Glosson, Maurine L.	A. & S.	San Antonio
Goodson, Constance Marguerite	H. E.	Brookshire
Goslen, Lena G.	H. E.	Ennis
Grant, Pearl		
Gregory, Leola B.	H. E.	Jasper
Griffin, Emma	N. E.	Jacksboro
Griffin, Willie Belle	A. & S.	Angleton
Grovey, Alvin Lionel	A. & S.	Houston
Guthrie, Rosa Sadie	N. E.	Fort Worth
Hall, Delia Mae	H. E.	Houston
Haney, Geneva V.	H. E.	Stamford
Hardee, Alphonso Ashford	A. & S.	Corsicana
Hardin, Exa Oda	A. & S.	Houston
Harper, Rodest Milisse	A. & S.	Mexia
Harriford, Thelma Alice	A. & S.	Fort Worth
Harris, Jimmie Mae	H. E.	Ennis
Harris, Thelma I.	A. & S.	San Felipe
Hatton, Robert Edward	A. & S.	Houston
Hayes, Mary Lucile	H. E.	Wharton
Haynes, Thelma	H. E.	Trinity
Hendricks, Ella Ruth	H. E.	Orange
Henton, Gladys	H. E.	Houston
Herndon, Eula Lee	N. E.	Reagan
Herndon, Velma Lucile	A. & S.	Reagan
Hicks, Matt	Agri.	Hungerford
Hicks, Wilmar H.	Agri.	Weirgate
Hightower, Esther	A. & S.	Huntsville
Hinton, Audrey Lee	A. & S.	Eagle Lake
Holford, Charles	Agri.	Gainesville
Hornsby, Jewel Queen	A. & S.	Taylor
Horton, Joseph	Agri.	Beaumont
Houston, Noble Warren	M. A.	Sherman

Name	Course	Address
Hubbard, Jetta	H. E.	Waxahachie
Hunt, Horace Scott	A. & S.	Arlington
Hurrel, Charles	A. & S.	Beaumont
Irving, Cora	H. E.	Beasley
Jackson, Annie Lee	A. & S.	Galveston
Jackson, Joseph Charles	A. & S.	Galveston
Jackson, Clyde L.	A. & S.	Sugarland
Jefferson, Willie Mae	A. & S.	Dallas
Johnson, Darnel	A. & S.	Crockett
Johnson, Davis P.	Agri.	Calvert
Johnson, Etherline E.	H. E.	Terrell
Johnson, Exa Leatrice	A. & S.	Brenham
Johnson, Geneva E.	H. E.	Lufkin
Johnson, Israel G.	Agri.	Hempstead
Johnson, James L.	A. & S.	Denison
Johnson, Katie L.	H. E.	Jefferson
Johnson, Mozell	H. E.	Cameron
Johnson, Roberta	A. & S.	Chester
Johnson, Sackey Vernie Mae	H. E.	Dallas
Jolley, Jesse Culberson	A. & S.	Crockett
Jones, Charles Wynn	A. & S.	Wharton
Jones, Earl	A. & S.	Abilene
Jones, Eugene Jesse	A. & S.	Navasota
Jones, Floy Geneva	A. & S.	Galveston
Jones, Kittie Mae	H. E.	Hillsboro
Jones, Sadie Nelson	A. & S.	Prairie View
Justice, Catherine L.	A. & S.	San Antonio
Kennedy, Ella	A. & S.	Sweeney
Kennedy, Helen Elizabeth	H. E.	Rusk
King, Bishop	Agri.	Crockett
King, Lovie	A. & S.	Kilgore
King, Willie B.	A. & S.	Crockett
Kirby, Carrie Jimmie	H. E.	Hempstead
Kirby, Mary	A. & S.	Hempstead
Kosse, Bernice Bobbie	A. & S.	Beauomnt
Kuykendall, Jannie Bruce	A. & S.	Eagle Lake
Larkin, Joseph P., Jr.	A. & S.	Dallas
Latson, Mabel Leatha	N. E.	Taylor
Lawrence, Lillian Annie	A. & S.	Montgomery
Leaks, Willie B.	A. & S.	Chapel Hill
Lee, Timothy Dale	A. & S.	Fort Worth
Lee, Margaret Lucile	A. & S.	Houston
Lee, Vernice	H. E.	Houston
Lewis, Charlie	Agri.	Weirgate
Livingston, Carrie Juanita	H. E.	Dallas

Name	Course	Address
Love, Howard	M. A.	Bryan
Mahaffey, Ida Mae	H. E.	Marshall
Majors, Edwin Etta	H. E.	Groesbeck
Marcel, Elizabeth Martha	H. E.	Orange
Marshall, Lucile Captola	H. E.	Texarkana
Marshall, Delphine Mystice	H. E.	Temple
Marshall, Gertrude Maxine	H. E.	Houston
Massie, Isaac	Agri.	Nigton
Mason, Louise Elna	A. & S.	Anderson
Matthews, Mattie Lucile	A. & S.	Fort Worth
McAdams, Milton	A. & S.	Nacogdoches
McBrown, Jewell	H. E.	Nacogdoches
McBrown, Juanita	H. E.	Nacogdoches
McCowan, Maggie F.	A. & S.	Sameview
McCuin, John D.	A. & S.	Beardstown
McHenry, Susie Ethel	H. E.	San Marcos
Mebane, Floyd Dalton	A. & S.	Fort Worth
Mitchell, Constance Lillian	H. E.	San Antonio
Mitchell, Leonora	H. E.	Madisonville
Molette Marie Harriett	H. E.	Beaumont
Montiller, Dorothy Lynn	H. E.	Sherman
Moore, Martha Helen	A. & S.	Beaumont
Morris, Chartie	H. E.	Weirgate
Morris, Frank J.	Agri.	Mexia
Morris, Leon Otis	M. A.	Bryan
Morrison, Ed Otto	M. A.	Navasota
Mosby, Carrie Mae	N. E.	Columbus
Mosby, Rebel	Agri.	Timpson
Moss, Laura Eugenia	A. & S.	Jasper
Myers, Mayme E.	A. & S.	Denison
Nichols, Jerry	M. A.	Bastrop
Nichols, Louise Marie	A. & S.	Galveston
Osby, Juanita Simon Etta	H. E.	Washington
Owens, Bernice Thelma	A. & S.	Houston
Owens, Claudia Mae	H. E.	Waller
Owens, Sarah Lee	H. E.	Waller
Paige, Elmer E.	A. & S.	Houston
Parker, Emma Loreta	H. E.	Stamford
Parker, Madeline L.	A. & S.	Caldwell
Patton, Eula Mae	H. E.	Lufkin
Payne, Lutrill	Agri.	Lillie
Person, Georgia Ann	A. & S.	Bryan
Pickard, Bessie Adale	A. & S.	Washington
Pleasant, Nonah J.	H. E.	Garrison
Pleasant, Thomas Vernett	Agri.	Garrison

Name	Course	Address
Porter, Permilla Mae	H. E.	Hubbard
Powell, Josephine	H. E.	Beaumont
Preston, Dorothy Z.	A. & S.	Tyler
Price, Helen Nona	H. E.	Victoria
Punchard, Ruth La Verne	H. E.	Brenham
Ragston, Ethel Hattie	A. & S.	Hempstead
Ray, Josie Lee	H. E.	Houston
Red, Thelma Le Agnes	A. & S.	Beaumont
Renty, Mable	A. & S.	Baytown
Richard, Annie Mae	H. E.	Crockett
Richard, Herbert	A. & S.	Hempstead
Richard, Maxcine	H. E.	Nacogdoches
Richard, Zenobia I.	H. E.	Beaumont
Roberson, Albertine W.	A. & S.	Calvert
Roberts, Lloyd	Agri.	Hempstead
Roberts, Rose Marie	H. E.	Houston
Robinson, Jessie Mae	H. E.	Courtney
Robinson, Margaret J.	A. & S.	Beaumont
Rochon, Wanda A.	N. E.	Houston
Rogers, Johnie Mae	A. & S.	Brenham
Roseberry, Odell Versia	H. E.	Jefferson
Rush, Myrtle Louise	A. & S.	Bryan
Sadberry, Horatia Edwin	Agri.	Gause
Scott, Deola Lexan	H. E.	Kendleton
Sellers, Tom Elizabeth	A. & S.	Fort Worth
Shankle, Ferdinand M.	Agri.	Jasper
Sherman, Cleophus	Agri.	Houston
Sherman, Julia C.	A. & S.	Houston
Sias, Myrtle S.	H. E.	Beaumont
Simpson, Gertrude T.	A. & S.	Beaumont
Singletary, Massaree Oletta	H. E.	Seguin
Smith, Clara Hunt	A. & S.	Beaumont
Smith, Dan	M. A.	Hempstead
Smith, Douglas	A. & S.	Gainesville
Smith, E. M. Brissette	H. E.	Cuero
Smith, Edith Margarette	A. & S.	Fort Worth
Smith, Eva Richie	H. E.	Wadsworth
Smith, Helen Irene	H. E.	Edgar
Smith, S. Inez	H. E.	Fort Worth
Smith, James Etta	A. & S.	Beaumont
Smith, Nancy	A. & S.	Beaumont
Smith, Raymond	M. A.	Brenham
Smith, Sallie Dolores	H. E.	Bay City
Snell, David C.	Agri.	Wiergate
Southern, Reva Mae	A. & S.	Sherman

Name	Course	Address
Stanley, James B., Jr.	Agri.	Kerens
Stevenson, Vernon	Agri.	Athens
Steine, Nona	H. E.	Mt. Enterprise
Stubblefield, Marie Eliza	H. E.	Sunny Side
Sykes, Esther Naomi	A. & S.	Houston
Taft, Sedenic	A. & S.	Hooks
Tamplin, Dorris	Agri.	Prairie View
Taylor, Geneva E.	A. & S.	Somerville
Taylor, Jual T.	A. & S.	Houston
Terrell, Susie Gladys	A. & S.	Fannin
Terry, Grady P.	Agri.	Crockett
Thomas, John Henry	A. & S.	Fort Worth
Thomas, L. Charles	Agri.	Hearne
Thomas, Leola Rosalind	A. & S.	Brazoria
Thompson, Aaron James	M. A.	Bryan
Thompson, Chester	A. & S.	Clearview, Okla.
Thompson, Katie Lynell	N. E.	Bryan
Thompson, Virginia Eloise	A. & S.	Houston
Thompson, William Luddie	A. & S.	Waco
Trahan, Mamie Marguerite	A. & S.	Beaumont
Valien, Preston	A. & S.	Beaumont
Walker, Corine	A. & S.	Beaumont
Walker, William	Agri.	Fodice
Warren, Velva L.	H. E.	Linden
Weaver, Sallie Gray	A. & S.	Jefferson
Wedgeworth, Talton	Agri.	Itasca
Westbrooks, Pearline	H. E.	Benchley
Wheeler, Brenette	N. E.	Colorado Springs, Colo.
White, Ruth	A. & S.	Beaumont
Whiting, Godfrey L.	Agri.	Washintgon
William, Raymond L.	A. & S.	Corsicana
Wilburn, Julius L.	A. & S.	Chapel Hill
Williams, Dora	H. E.	Hempstead
Williams, Emily E.	A. & S.	Kernes
Williams, Hattie Maud	N. E.	Alexandria, La.
Williams, James	Agri.	Palestine
Williams, Thelma Myrtle	A. & S.	Fort Worth
Willis, Georgia	H. E.	Rusk
Wooley, Elmer	Agri.	Normangee
Worlds, A. Judson	Agri.	Dallas
Woodard, Willie Mae	A. & S.	Beaumont
Wright, Raymond	Agri.	Bastrop

Trade Students

Name	Course	Address
Adams, Alvan	Tailoring	Voth
Auzenne, Abraham	Brickmasonry	Apalusus
*Becks, Henry	Shoemaking	Ledbetter
Cashaw, William	Auto Mech.	Benchley
Dozier, Cleveland C.	Tailoring	Beaumont
Drew, Leon	Auto Mech.	Silsbee
Dyes, Melvin B.	Tailoring	Beaumont
Estelle, Henry S.	Agri.	Waco
Frazier, Charles E.	Electricity	Denison
Harper, Arthur A.	Electricity	Fort Worth
Haynes, Jennie L.	Home. Econ.	Houston
Hines, Charles, Jr.	Man. Train.	Waco
Horton, Leroy	Carpentry	New Orleans, La.
Hudson, Solomon	Brickmasonry	Carthage
Johnson, Tillie W.	Tailoring	Taylor
Kelly, Vessie	Shoemaking	Mt. Pleasant
King, A. M.	Brickmasonry	Crockett
Lee Joseph H.	Auto Mech.	Fort Worth
Livingston, Marie		
Lockhart, Walter	Auto Mech.	Louise
Mallory, Hurley N.	Electricity	Denver
Mathews, Charley, Jr.	Cabinet Making	Timpson
Miller, Alfred Tennyson	Electricity	Fort Worth
Moore, Andrew	Tailoring	Brenham
Muckleroy, Lee P.	Plumbing	Hempstead
Muckelroy, William L.	Education	Prairie View
Sparks, F. E. (Mrs.)	Home Econ.	Brenham
Waddell, A. L.	Auto Mech.	Shreveport, La.
Wiley, Leonard	Mechanic Arts	Denver, Colo.
Wesley, Kay	Shoemaking	Texarkana

Unclassified Students

Name	Course	Address
Ameteffe, Theodore	Agri.	Accra, Gold Coast, W. Africa
Amos, Annie McCowan (Mrs.)	A. & S.	Houston
Baty, Thomas	M. A.	Mexia
Bowles, Minnie Lee (Mrs.)	H. E.	Lanesville
Brown, Mable C.	A. & S.	Nacogdoches
Bryant, Lurlene B. J.	A. & S.	Fort Worth
Cockran, Enoch	A. & S.	Atlanta, Ga.

*Deceased

Name	Course	Address
Dalton, Horace	Agri.	Stevens, Ga.
DuPree, James C.	A. & S.	Tacoma, Wash.
Govan, D. D.	A. & S.	Palestine
Greene, E. M. (Mrs.)	H. E.	Prairie View
Hughes, Ernest	A. & S.	Atlanta, Ga.
Johnson, Juanita Belle	H. E.	Houston
Nellum, Wiley	M. A.	Corsicana
Prophet, Victoria Taylor	A. & S.	Cedar Bayou
Pyle, Bailey J.	A. & S.	Kaufman
Richardson, Leola M.	A. & S.	Prairie View
Ross, Carl	Agri.	Huntsville
Sanders, Doris Marie	A. & S.	Prairie View
Sanders, Mary	H. E.	Brenham
Sanders, Norman	M. A.	Houston
Sasser, Sallie Lee	H. E.	Goldsboro, N. C.
Stevens, Elonzo Ray	Agri.	Hallettsville
Taylor, Robert F.	Educ.	Palestine
Williams, Sibliley	M. A.	Gurdon, Ark.
York, Clarence Bremond	A. & S.	Houston

DISTRIBUTION OF ENROLLMENT FOR REGULAR SESSION

1930-31

Classified by Sex, Classes, and Fields of Major Interest

College Department:

Class	Arts & Sciences		Agri.		H.E.		M.A.		N.E.		Totals		
	M	F	M	F	M	F	M	F	M	F	M	F	Total
Senior	16	41	21	54	3	9					40	104	144
Junior	21	41	23	53	3	8					47	102	149
Soph.	35	57	29	64	7						71	121	192
Fresh.	40	97	39	97	8	16					87	210	297
Unclass.	7	6	4	5	4						15	11	26
TOTALS	119	242	116	273	25	33					260	548	808
Specials											30		30

Training School:			
High School Department	10	15	25
Elementary Grades	27	27	54
	37	42	79

Extension Schools:			
Beaumont	4	22	26
Galveston	4	34	38
Houston	2	28	30
Jasper	3	13	16
Nacogdoches	15	60	75
San Antonio	5	28	33
	33	185	218

GRAND TOTALS:

College Department	260	548	808
Training School	37	42	79
Specials	30		30
Extension Schools	33	185	218
TOTALS	360	775	1,135

ENROLLMENT FOR SUMMER OF 1930

College Department:

Class	Education		Agri.	H.E.	M.A.	Totals		
	M	F	M	F	M	M	F	Total
Post. Grad.	1	5				1	5	6
Senior	14	88	21	13	1	36	101	137
Junior	7	142	27	41		34	183	217
Soph.	14	169	21	78		35	247	282
Fresh.	24	278	17	130	1	42	408	450
Unclass.	8	39	17	15		25	54	79
	68	721	103	277	2	173	998	1,171

Sub-College Department:

Sen. Acad.	7	87				7	87	94
Specials	7					7		7
Tr-g. Schools	12	17				12	17	29
						26	104	130

GRAND TOTALS:

College Department	173	998	1,171
Sub-College Dept.	26	104	130
TOTALS	199	1,102	1,301

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