4-1933

Catalog Edition- The School Year 1932-1933

Prairie View State Normal and Industrial College

BULLETIN

Prairie View State Normal and Industrial College

Vol. 24 APRIL, 1933 No. 3

CATALOG EDITION

Record of The Session 1932-33

ANNOUNCEMENTS FOR THE SESSION 1933-34

54

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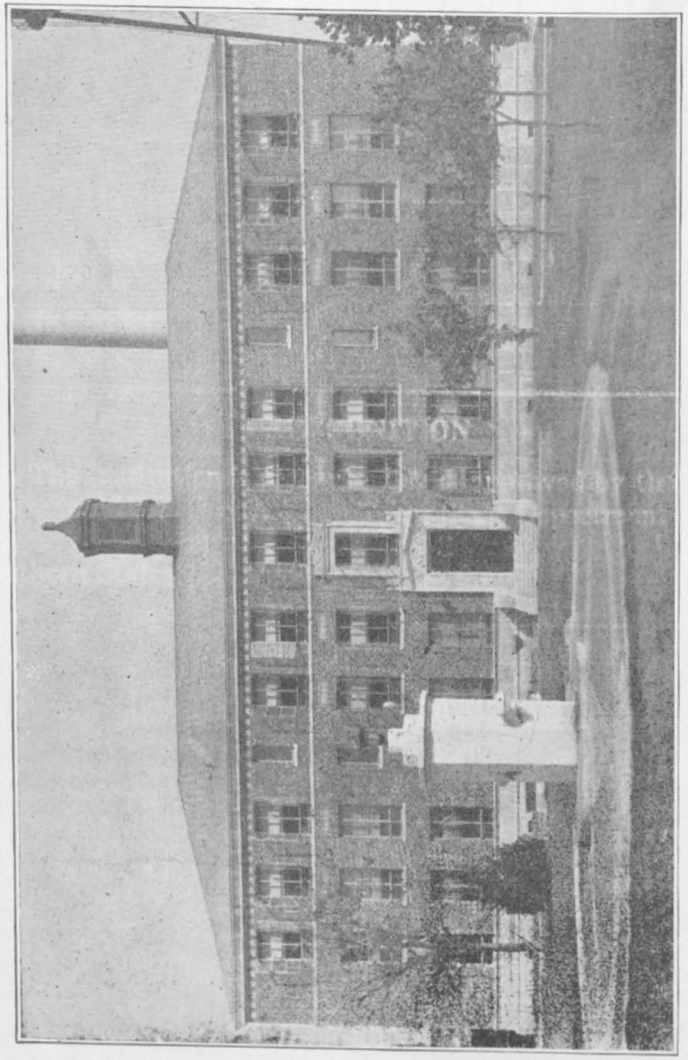

EDUCATION BUILDING (Erected 1931)

TABLE OF CONTENTS

	Page
Important Directions	5
College Calendar	6
Board of Directors	7
Non-resident Administrative Officers	7
Officers of Administration	8
Officers of Instruction	9
Extension Schools	16
State Agricultural Extension Service	16
Committees	16
History	19
Location	20
Grounds and Buildings	20
Purpose	22
Courses of Instruction	22
Equipment	23
Admission	31
Order of Registration	34
Expenses	35
Uniforms	35
Miscellaneous Academic Information	37
Degrees	40
Certificates (Trade)	42
Certificates (Teaching)	42
Student Activities and Prizes	44
Discipline	45
The Alumni and Ex-Student Association	46
The Unit of Credit	47
The Division of Agriculture	47
The Division of Arts and Sciences	53
Education Department	58
English Department	61
Foreign Language Department	63
Mathematics Department	65
Military Science Department	67
Music Department	67
Natural Science Departments	70
Social Science Departments	75
The Division of Home Economics	79
The Division of Mechanic Arts	84
The Division of Nursing Education	97
Enrollment	107

RECOGNITION

The Institution is recognized and approved by the following accrediting associations: Texas State Department of Education, Association of Colleges and Secondary Schools of the Southern States.

IMPORTANT DIRECTIONS

The attention of the prospective student is directed to the following important matters:

1. Please read carefully "Requirements for Admission."
2. Study the College Calendar.
3. An estimate of the expenses may be found under general expenses.
4. A student will find under the course of study an outline of work required for graduation.
5. No student is permitted to make a deposit for a 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 text books adopted by the Committee on Text Books. These text books may be purchased after arrival at the College.
8. 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.
9. All students should bring with them one spread, four sheets, three pillow cases, one pillow and sufficient bed covers, curtains and covers for table and dresser. A washable bedside rug is desirable.
10. 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.
11. Students should come to the College with sufficient funds to pay all fees for one month in advance and with a 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 for each semester about $12.00 for books.

COLLEGE CALENDAR

1933-1934

First Semester

September 14, 15, 16,.....Entrance Examinations
September 19,.....Dining Room Opens
September 20,.....First Semester Begins
September 20-23,.....Registration and Payment of Fees
September 25, 7:30 A. M.....Classroom Work Begins
November 11, Armistice Day.....Holiday
November 30, Thanksgiving Day.....Holiday
December 25, Christmas Day.....Holiday
January 25, 26, 29, 30, 31,.....First Semester Examinations
January 31,.....First Semester Ends

Second Semester

February 1,.....Second Semester Begins
February 22, Washington's Birthday.....Holiday
April 21,.....San Jacinto Day
May 18, 19, 21, 22,.....Examinations for Seniors
May 23, 24, 25, 26,.....Secnd Semester Examinations
May 27,.....Baccalaureate Sermon
May 28,.....Commencement Day
May 29,.....Second Semester Ends

Summer School

June 4,.....Summer Term Begins
August 7,.....Summer Term Ends

BOARD OF DIRECTORS

F. M. LAW, President
BYRD E. WHITE, Vice-President
S. G. BAILEY, Secretary

MEMBERS

Terms Expire 1935

F. MARION LAW, President, First National Bank.....Houston
BYRD E. WHITE, Lawyer and Banker.....Lancaster
WALTER G. LACY, President, Citizens National Bank.....Waco

Terms Expire 1937

HENRY C. SCHUHMACHER, President, Schuhmacher Co.....Houston
JOSEPH KOPECKY, Publisher.....Hallettsville
G. R. WHITE, Banker and Ranchman.....Brady

Terms Expire 1939

EDWARD J. KIEST, Owner and Publisher, Dallas Times-Herald...Dallas
L. J. WARDLAW, Attorney-at-law.....Fort Worth
GUY T. ANDERSON, Planter.....Calvert

Prairie View Committee

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GEORGE A. LONG, B. S., Supervising Accountant
J. K. WALKER, B. S., Supervising Engineer

OFFICERS OF ADMINISTRATION

Office of the Principal

W. R. Banks, A. M., Principal.
N. B. Edward, B. S., Executive Secretary of the College.
Youra J. Qualls, Secretary to the Principal.

Directors and Deans

J. J. Abernethy, B. S., Director, Division of Mechanic Arts.
J. B. Cade, A. M., Director, Division of Arts and Sciences.
J. M. Franklin, M. D., Director, Division of Nursing Education.
E. C. May, B. S., Director, Division of Home Economics.
L. A. Potts, B. S., Director, Division of Agriculture.
E. L. Dabney, Dean of Men.
M. E. Suarez, Dean of Women.

Office of the Registrar

J. B. Cade, A. M., Registrar.
J. N. Southern, A. B., Assistant Registrar.
R. L. Rush, B. S., Research and Transcript Clerk.
A. L. Davis, Secretary to the Registrar and to the Director of the Division of Arts and Sciences.

Office of the Local Treasurer

C. W. Lewis, Local Treasurer.
H. R. Turner, B. S. in C. E., Accountant.
I. A. Reese, Cashier.
C. R. Hall, B. S., Disbursement Clerk.
C. L. Wells, Inventory Clerk.
L. C. Mosley, B. S., Bookkeeper.
W. J. Ross, A. B., Assistant Cashier.
J. T. Johnson, Secretary to the Local Treasurer.
T. R. Lawson, Inventory Clerk.
R. W. Hilliard, B. S. Subsistence Manager.
O. B. Lawrence, B. S., Postmaster.

The Library

O. J. Baker, B. L. S., Librarian.
A. J. Fortune, B. L. S., Assistant to the Librarian.

Other Officers and Assistants

G. W. Buchanan, Manager, College Exchange.
Mrs. E. M. Greene, Matron.
George F. Jones, Clerk, Office of Mechanic Arts.
St. Clair Burris, Clerk.
M. C. Muckelroy, Secretary to the Director of Agriculture.

OFFICERS OF INSTRUCTION

Professors

ABERNETHY, J. J., Business Law; Director of Mechanic Arts Division
B. S., Kansas State College, 1916.
Prairie View State College, 1916—

BULLOCK, Henry Allen, Jr., Sociology,
A. B., Virginia Union, 1928; A. M., University of Michigan, 1929.
Professor of History, A. & T. College, Greensboro, N. C., 1929-1930;
Prairie View State College, 1930—

CADE, John B., History, Director of Arts and Sciences Division,
A. B., Atlanta University, 1921; A. M., University of Chicago, Summer, 1928. Teacher of High School subjects and Principal of High School, Paine College, Augusta, Georgia, 1921-1927; Registrar, 1922-29; Professor of History, 1928-29; Registrar and Director of Extension, Southern University, 1929-30; Director of Training School, 1930-31; Registrar, Prairie View State College, 1931;—Director of Arts and Sciences, and Professor of History, Prairie View State College, 1932—

CARPENTER, Charles E., French, Head of Language Department,
B. L., University of California, 1901; M. L., University of California, 1907; Advanced Work, University of Kansas, Summer, 1932; Grammar School Teacher, Ponca City, Okla., 1907-1925; Prairie View State College, 1925—

FRANKLIN, J.M., Medical Specialties, Director of Nursing Education Division, A. B., Bishop, 1908; M. D., Meharry, 1913; Prairie View State College, 1919.

HARRISON, G. Lamar, Education, Head of Education Department, A. B., Howard, 1926; A. M., Cincinnati, 1929; One year of Advanced work, Ohio State, 1931-1932; Acting Head of Department of Education, Virginia Union, 1927-1928; Associate Professor of Education, West Virginia State College, 1928-31; Prairie View State College, 1932—

JACKSON, F. A., Economics, Chairman of Social Science Departments,
A. B., Atlanta University, 1924; M. B. A., New York University, 1930; Teacher of High School Subjects and Boys' Proctor, Knox Institute, Athens, Georgia, 1924-25; Teacher of Social Science and Vice-Principal, Peabody Academy, Troy, North Carolina, 1925-28; Chairman, Departments of Social Sciences and Head of the Department of Economics, Prairie View State College, 1930—

MAY, E. C., Home Economics Education, Director of Home Economics Division, B. S., Kansas State College, 1919; Advanced Work, Columbia, Summer, 1922; Chicago, Summers, 1929, 1930; Instructor, Florida, A. & M. College, 1919-1920; Western University, 1920-1923; Prairie View State College, 1923—

MORTON, Geo. W., English, Acting Head of English Department, A. B., Atlanta University, 1927; A. M., Columbia, 1929; One year of graduate work, Columbia, 1931-1932; Educational Organizer for State Department of Education of North Carolina, 1927; Head, Department of English, Mississippi Industrial College, Holly Springs, Mississippi, 1927-1928; Head, Department of English, Avery Institute, Charleston, South Carolina, 1929-1930; Associate Professor of English, Talladega (Alabama) College, 1930-1931; Prairie View 1932—

PERRY, R. Patterson, Chemistry, Chairman of Natural Science Departments, A. B., Johnson C. Smith, 1925; M. S., Iowa University, 1927; Graduate work at Iowa University, Summer, 1927; 1931-1932; Summer 1932; Prairie View State College, 1927—

POTTS, L. A., Rural Education, Director of the Agricultural Division, B. S., Iowa State College, 1925; M. S. A., Cornell University, 1932; Itinerant Teacher-Trainer, Prairie View State College, 1925-1929; Director, Division of Agriculture, 1929—

RANDALL, A. W., Mathematics, Head of Mathematics Department, B. S., Alcorn, A. & M. College, 1916; A. M., University of Colorado, Boulder, Colorado, 1929; Prairie View State College, 1923—

Associate Professors

ALEXANDER, J. M., Animal Husbandry, B. S., Prairie View State College, 1924; M. S., Iowa State College, 1930; Prairie View State College, 1922—

ANDERSON, E. J., Child Care, House, B. S., Kansas State College, 1914; M. A., 1929; Advanced work, University of Minnesota, Summer, 1929. Hunnington, West Virginia, High School, 1917-1922; West Virginia State College, 1922-28; Prairie View State College, 1929—

BOOKER, Walter M., Biology, A. B., Morehouse College, 1928; M. S., University of Iowa, 1932; Instructor in Chemistry, Leland College, 1928-1929; Prairie View State College, 1929—

BRANNON, M. S., Superintendent of Nurses, R. N., Tuskegee, 1923; Special work, University Minnesota, Summer, 1930, 1931; Supervisor and Instructor, Tuskegee 1925-1926; Head Nurse, Brewer Normal, Greenwood, South Carolina, 1926-1927; Rural School Teacher, Waverly Hall, Alabama, 1913-1914; Russell County, Alabama, 1916-1920; Prairie View State College, 1929—

CARRAWAY, L. R., Interne, A. B., Clark University, 1926; M. D., Meharry, 1932; Special work, The University of Chicago, Summers, 1926, 1927; Professor of Physics, Clark University, 1926-1928; Prairie View State College, 1932—

DICKERSON, Harry G., Biology, B. S., Ohio State University, 1923; M. S., Iowa University, 1929; Itinerant Teacher Trainer at Prairie View State College, 1923-1925; Associate Professor, Horticulture, 1925-1927; Associate Professor, Biology, 1927—

EVANS, E. B., Veterinary Medicene, D. V. M., Iowa State College, 1918; Associate Professor of Veterinary Medicine, Prairie View State College, 1918; Assistant Director of Agriculture, 1929—

FULLER, O. A. Jr., Music, Head of Music Department, A. B., Bishop, 1924; Student, New England Conservatory of Music, 1926-1927; Director of Music, A. & T.. College at Greensboro, North Carolina, 1924-1929; Prairie View State College, 1929—

HOUSTON, W. H., English, A. B., University of Redlands, 1930; A. M., University of Southern California, 1931; Prairie State College, 1931.

JOHNSON, R. W., Interne, A. B., Lincoln, 1924; M. D., Meharry, 1932; Athletic Director and Teacher, Virginia Seminary, 1924-25; Samuel Huston, 1925-1926; Morris Brown University, 1926-1927; Prairie View State College, 1932—

McADAMS, Jay Calvin, Itinerant Teacher Trainer, B. S., Hampton, 1928; Teacher, Eads, Junior High School, Eads, Tennessee, 1921-1927; Hardeman County Training School, Whiteville, Tennessee, 1928-29; Prairie View State College, 1929—

PETERS, Geneva Crouch, Foods and Nutrition, B. S., Prairie View State College, 1925; M. S., Iowa State, 1931; Instructor, Jasper, Texas, 1925-1926; Texas College, 1927-1930; Prairie View State College, 1931—

POWELL, Mayme L., Clothing, B. S., Hampton, 1929; M. S., Cornell, 1931; Extension work, University of Cincinnati, 1931-32; Instructor, Langston, 1929-1930; Summer, 1931; Acting Head of Home Economics Department at Kentucky State College, 1931-1932; Summer, 1932; Prairie View State College, 1932—

REEVES, George W., Education, A. B., Atlanta University, 1924; A. M., University of Michigan, 1932; Miles Memorial College, 1924-1929; Summer School Instructor at Alabama State College, 1925-1930; Prairie View State College, 1930—

SMITH, Alvin K., Dentist, A. B., Fisk University, 1922; D. D. S., Meharry, 1928; Instructor, Chemistry and Physics, Kentucky State, 1922-1923; Prairie View State College, 1929—

WARREN, Samuel Enders, English, A. B., Allegheny College, 1925; A. M., University of Wisconsin, 1929; Instructor, French and English, Texas College, 1925-1928; Assistant Professor, French and English, Morehouse College, 1929-1932; Instructor, English; Assistant Professor, Sociology, Assistant Professor, French, Prairie View State College, Summers, 1928, 1930, 1932; Associate Professor of Social Science, Prairie View State College, 1932—

WILSON, A. Porter, Education, A. B., Fisk University, 1918; A. M., Wisconsin, 1924; Southern University, 1918-1920; Fisk, 1921-1923; 1924-1927; Bethune-Cookman College at Daytona Beach, Florida, 1931-1932; Prairie View State College, Summers, 1928-1932; Prairie View State College, 1932—

WILSON, C. L., Mechanic Arts, B. S., Kansas State College, 1925; Prairie View State College, 1925.

Assistant Professors

BLOODWORTH, Eunice, English, A. B., Fisk University, 1921; A. M., Fisk University, 1932; Instructor in Dubois High School at Mt. Hope, West Virginia, 1921-1930; Wilson County Training School, 1930-1931;—Prairie View State College, 1932—

HARRISON, W. R., Rural Sociology, B. S., Howard University, 1930; M. S., Cornell University, 1931; Prairie View State College, 1931—

MIMS, Hortense, Education, A. B., Howard University, 1928; A. M., Howard, 1930; Instructor in Chemistry, Hampton, 1928-1929; Critic Teacher and Assistant Professor in Education, Southern University, 1930-1932; Prairie View State College, 1932—

PHILLIP, Lee C., Social Science, College Chaplain, B. S., Prairie View State College, 1928; B. D., Howard University, 1931; Graduate work at Union Theological Seminary, New York City, 1931-32; Instructor, Prairie View State College, Summer, 1928; Prairie View State College, 1932—

RANDALS, Edwyna H., Education, B. S., University of Southern California, 1928; A. M., 1929; Advanced work, Summer, 1930; Head of English Department at St. Phillips Junior College, San Antonio, Texas, 1929-1930; Prairie View State College, 1930.

TERRY, J. L., Spanish, B. S., Kansas State Teacher's College, 1930; M. S., 1931; Teacher in Kansas Vocational School, Topeka Kansas, 1931-1932; Prairie View State College, 1932—

TURNER, L. N., Mathematics, A. B., University of Michigan, 1930; A. M., 1931; Professor of Mathematics at Roger Williams College, Memphis, Tennessee, 1931-1932; Prairie View State College, 1932—

WHITE, D. F., Mechanic Arts, B. S., University of Michigan, 1931; Prairie View State College, 1931—

YOUNG, Braxton C., Physics, A. B., New Orleans University, 1927; M. S., Cornell University, 1931; Graduate Study, Cornell University, 1931-1932; Instructor, Chemistry at New Orleans University, 1927-1930; Prairie View State College, 1932—

Instructors

BANKS, C. H., B. S., Hampton Institute, 1928; Teacher of Vocational Agriculture, High School, Kendleton, Texas, 1919; Professor of Farm Shop, Resident Teacher Trainer, Prairie View State College, 1929—

BLEDSOE, P. E., Education, B. S., Talladega, 1907; Elementary School Principal, Laredo, Texas, 1887-1892; Instructor of Physical Science and Education, Prairie View State College, 1892; Principal, Brenham High School, 1895-1901; Associate Professor of Physical and Natural Sciences, Prairie View State College, 1901-1911; Head of Natural Science Division, 1911-1923; Acting Dean, 1923-24; Acting Principal, 1925-1926; Registrar, 1926-27; Instructor, Education, 1927—

BROGWELL, Henrietta E., Critic Teacher, A. B., Pittsburgh, 1930; Principal of Folly Virginia Rural School, 1930; Demonstration Teacher, Prairie View State College, 1930-1931; Acting Supervisor, Practice School, Prairie View State College, 1932—

BRYANT, Huldah, Foods and Nutrition, B. S., Howard University, 1927; Advanced work, University of Chicago, 1931-1932; Instructor at Tuskegee Institute, 1927-1931; Prairie View State College, 1932—

CAMPBELL, Anna L., English, A. B., Bradley Polytechnic Institute, 1927; Graduate work, Northwestern, Summers, 1928, 1932; Instructor, English at Bishop College, 1927-1929; Prairie View State College, 1930—

JAMES, Lucy F., Clothing, B. S., Columbia University, 1930; Advanced work, 1930, Summer, 1932; Home Demonstration Agent, 1930, North Carolina, 1925-1927; Georgia Normal and Agricultural Institute, Albany, Georgia, 1930; Home Economics Supervisor, Eastern, North Carolina, 1931; Prairie View State College, 1932—

RANDALL, Melvin G., Chemistry, A. B., Southern Illinois Teachers College, 1930; M. S., University of Illinois, 1931; Prairie View State College, 1932—

*SETTLER, S. H., Agronomy, B. S., Kansas State College, 1926; Graduate student, Kansas State College, 1932; Professor of Agriculture, Lincoln University, Jefferson City, Missouri, 1927-1928; Professor of Swine Production, Tuskegee Institute, 1928-1930; Prairie View State College, 1930—

SMITH, G. L., Fruit Growing, B. S., Hampton Institute, 1929; Principal and Vocational Teacher, High School, Montezuma, Georgia, 1929; Prairie View State College, 1931—

THURMAN, Madaline M., Music, A. B., Oberlin College, 1929; A. M., 1932; Public Schools, Port Orange, Florida, 1929-1931; Prairie View State College, 1932—

TURNER, D. R., Chemistry, B. S., University of Illinois, 1931; Prairie View State College, Summer, 1931—

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*On leave of absence first semester.

Other Instructors

BRITTAIN, T. H., Carpentry and Cabinet Making.
Normal Diploma and Certificate in Carpentry, Tuskegee Institute, 1905; Student Bradley Polytechnic Institute, Summers, 1909, 1913, 1919, 1925; Two years study in Architectural Drawing, American School of Correspondence, 1911-12; Ten years teaching experience, Dallas City Schools; Prairie View State College, 1930—

CLEAVER, A. G., Broom and Mattress Making.
Diploma, Prairie View State College, 1911; Certificate in Broom and Mattress Making and Agriculture, 1911; Student, Tuskegee Institute, Summer, 1922. Deaf, Dumb and Blind Institute, Austin, Texas, 1911-1921; Principal of Williamson County Public School, 1921-23; Prairie View State College, 1926—

COOK, William, Printing.
Prairie View State College, 1910—

FARRELL, Henrietta, Laundry.
B. S., Prairie View State College, 1927; Prairie View State College, 1927—

FITZGERALD, Herman, Pharmacist.
Ph. C., Meharry, 1931; Teacher, Rosenwald School, Summers, 1927, 1928, 1929; Prairie View State College, 1931—

JACQUET, I. L., Brickmasonry.
Certificate in Brickmasonry, Tuskegee Institute, 1923; Prairie View State College, 1929—

JOHNSON, R. F., Shoemaking.
Certificate in Shoemaking, St. Louis Trade School, 1902; Diploma, Prairie View State College, 1904; Public School at Windon, Texas, 1904-1906; Prairie View State College, 1907—

JOHNSON, Sadie Allen, Printing.
Normal Diploma and Certificate in Printing, Prairie View State College, 1918; Certificate in Printing, Mergenthler Linotype School, 1926; Prairie View State College, 1918—

JONES, N. A., Auto-Mechanics and Machine Shop Practice.
Certificate in Machine Shop Practice, Langston University, 1908; Normal diploma, 1910; Instructor in Machine Shop Practice, Langston University, 1910-1918; Chief Engineer, Prairie View State College, 1920-1929; Instructor in Auto Mechanics and Machine Shop Practice, 1929—

JONES, W. M., Medical Supervisor.
Diploma, Nursing Education, Prairie View State College, 1931; Prairie View State College, 1931—

MARTIN, D. W., Electricity.
B. S., in Mechanic Arts, Prairie View State College, 1928; Assistant Engineer, Prairie View State College, 1919-27; Instructor in Electricity, 1927—

MUCKELROY, L. P., Plumbing.
Certificate in Plumbing, Prairie View State College, 1930; Prairie View State College, 1931—

NICKENS, W. H., Horticulture.
B. S., Tuskegee Institute, 1932; Prairie View State College, 1932—

OLER, Charles G., Printing.
Prairie View State College, 1923-25; Prairie View State College, 1927—

SASSER, Annie G., Education.
B. S., Shaw University, 1927; Special work, Prairie View State College, Summer, 1932; Instructor, Kittrel College, North Carolina, 1927-1928; Washington High School, Raleigh, North Carolina, 1928-1929; Prairie View State College, 1932—

TAYLOR, S. B., Mathematics; Head Athletic Coach.
B. S., Northwestern University, 1924; Director of Athletics, Virginia State College, Petersburg, Virgiania, 1924-1925; Direction of Athletics and Assistant Professor of Commerce at Clark University, Atlanta, Georgia, 1925-1930; Inventory Clerk and Athletic Coach, Prairie View State College, 1930-1931; Mathematics Department and Athletic Coach, 1931—

WATSON, M. A., Assistant Superintendent of Nurses.
Diploma, Nursing Education, Prairie View State College, 1932; Prairie View State College, 1932—

WHITING, Mattie B., Education.
B. S., in Education, Prairie View State College, 1932.
Prairie View State College, 1932—

WILLIAMS, B. K., Night Supervisor.
R. N., White Memorial Training School; Loma Linda Medical College, 1928; Elementary Teacher, Beaulah Private School, Oklahoma City, 1930-1931; Supervisor Jefferson County, Negro Hospital, 1928-1929; Private Duty, St. Paul Hospital, Dallas, 1929-1930; Prairie View State College, 1932—

WILSON, J. M., Tailoring.
Certificate in Tailoring, Tuskegee Institute, 1927; Instructor in Tailoring, Deaf, Dumb and Blind Institute, Austin, Texas, 1928-1930; Prairie View State College, 1931—

DENT, D. S., Home Economics.
B. S., 1932, M. A., 1933, Columbia; Diploma in Supervision and Household Arts. Bluefield, W. Va., 1918-1923, Clothing Instructor; A. C. M., Pine Bluff, Ark., 1924-1925, Director; Prairie View State College, 1923-1924, 1925-1928, 1929-1930, 1932—

JOHNSON, Rosa B., English Instructor.
B. S., Langston, 1926; Certificate, Social Welfare, U. S. C., 1932; M. A., U. S. C., 1933. Instructor, English, Prairie View State College, 1932—

JONES, Odessa, Art Instructor.
B. A., Colorado State Teachers' College, 1932; Art Instructor, Prairie View State College, 1932—

EXTENSION SCHOOLS

F. A. Jackson, Director.
A. B., Atlanta; M. B. A., New York University.

Eugene S. Richards, Instructor, Beaumont and Galveston.
A. B., New Orleans; A. M., University of Southern California.

Theodore Griffith, Instructor, Nacogdoches.
A. B., New Orleans; A. M., University of Iowa.

STATE AGRICULTURAL EXTENSION SERVICE

C. H. Waller, State Leader.
B. S., Pennsylvania State.

I. W. Rowan, State Home Demonstration Agent.
B. S., Prairie View State College.

H. S. Estelle, District Agent.
B. S., Prairie View State College.

Mrs. J. O. Conner, Assistant District Home Demonstration Agent.

Mr. John Williams, Club Boy Adviser.

E. W. H. Gilmore, Stenographer.

COMMITTEES

College Catalog

Registrar. J. B. Cade, Chairman; Director L. A. Potts; Director J. J. Abernethy; Treasurer C. W. Lewis; Director J. M. Franklin; Director E. C. May.

Discipline-Student Relations

Prof. C. E. Carpenter, Chairman
Chaplain L. C. Phillip; Director J. B. Cade. Professor J. M. Alexander; Professor H. G. Dickerson;

Executive Cabinet

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Director John M. Franklin
Director John B. Cade
Executive Secretary Napoleon B. Edward.

Extension Schools

Professor F. A. Jackson, Chairman
Director L. A. Potts
Director J. B. Cade
Professor H. A. Bullock
Local Treasurer C. W. Lewis

Graduation and Classification

Dr. E. B. Evans, Chairman
Director L. A. Potts
Director J. B. Cade
Director J. M. Franklin
Director E. C. May
Director J. J. Abernethy

Library Committee

Professor H. A. Bullock, Chairman
Librarian O. J. Baker
Director J. B. Cade
Director L. A. Potts
Director J. M. Franklin
Miss A. J. Fortune
Director E. C. May
Director J. J. Abernethy

Other Faculty Members

FRYE, F. G., Chief Engineer,
B. S. in E. E., Kansas State Agricultural College, 1929; Chief Engineer, Prairie View, 1929—

TERRELL, W. P., Itinerant Teacher-Trainer, Industry,
B. S., Kansas State College, 1904; S. B., Massachusetts Institute of Technology, 1906. Director of Industry, Prairie View, 1906-1921; Itinerant Teacher-Trainer, 1931—

JOHNSON, E. J., Auto Mechanics,
Certificate in Auto Mechanics, Prairie View, 1919; Assistant Instructor in Auto Mechanics, Prairie View, 1927—

GENERAL INFORMATION

History

Prairie View State Normal and Industrial College has its origin in an unsuccessful attempt to establish an Agricultural and Mechanical College for the Negroes of Texas. An act to establish such a College was passed by the Fifteenth Legislature and approved August 14, 1876.

15000 acres of land and a building were purchased in Waller County by the State for a sum of $1,200.00. The school opened September 1878, under the name: The Alta Vista Agricultural College. Only six persons enrolled and the venture was temporarily abandoned.

An act approved April 19, 1879, reorganized the institution as a Normal School for the training of colored teachers. As the Prairie View Normal School, it reopened its doors October 6, 1879, and has been continuously in operation every since. "Soon afterwards the Industrial features were added and the institution placed under the management of the same board of directors as the A. and M. College for whites."

In 1899, the name was changed to The Prairie View State Normal and Industrial College. An act of the Legislature approved March 28, 1901, made provision for "A four-year college course of classical and scientific studies." However, no courses leading toward degrees were generally offered before 1920.

As the Negro land-grant college of Texas, Prairie View receives Federal appropiations under the Morrill Act and also under the Smith-Hughes Act for vocational education.

The institution is a part of a system of Agricultural and Mechanical Colleges of Texas. The system comprises the Agricultural and Mechanical college of Texas, with two branch junior colleges and Prairie View. All four of the colleges are under the control of the same board of directors and have the same President. The board has designated three of its members as a special committee headed by a chairman to supervise the affairs of Prairie View.

"While the general administration of the institution is officially lodged in its President, who is also president of the Agricultural and Mechanical College of Texas and two other State junior colleges, the Principal has immediate supervision of the institution."

Prairie View has had as principals men whose names are listed below:

L. M. Minor, 1876-1880.
E. H. Anderson, 1880-1884.
L. C. Anderson, 1884-1896.
E. L. Blackshear, 1896-1915.
N. A. Banks, Acting, September 1, 1915—October 10, 1915.
I. M. Terrell, October 11, 1915—August 31, 1918.
J. G. Osborne, Acting, September 1, 1918—August 31, 1919.
J. G. Osborne, 1919-1925.
P. E. Bledsoe, Acting, 1925-1926.
W. R. Banks, 1926——

LOCATION

Prairie View State Normal and Industrial College is located in Waller County, one mile north of Prairie View, six miles east of Hempstead, and forty-six miles northwest of Houston. Daily trains over the Houston and Texas Central railroad discharge passengers at Prairie View. Taxi service is available to and from all trains.

GROUNDS AND BUILDINGS

At present the school own 1,435 acres of land. Of this total area, 75 acres are used as a campus, 300 acres as an experimental farm, and the remainder as pasture and hay land.

The campus proper is situated on a slight elevation giving a commanding view of the surrounding country. Native flowers and shrubbery cover the ground and add beauty and dignity to an excellent collection of school buildings. Thirty buildings provide facilities for class room work and living accommodations for students and teachers boarding. Fifty-one cottages and two apartments are occupied by faculty members and employees. Buildings on the farm consist of a dairy, poultry plant, and feed, stock and implement barns.

Below is given the list of buildings used for instructional purposes and for the housing of boarding students and teachesrs with date of construction and brief description of each:

Kirby Hall, erected prior to 1860, a two story frame building was the only building on the grounds when the school opened. For a time it housed various college departments but it is now being used to house some of the employees and their families.

Administration Building, three story brick, erected in 1869, at a cost of $35,000; remodeled 1924.

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

Foster Hall, three story brick dormitory for men, erected in 1909, at a cost of $15,000.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Woodruff Hall, two story brick, dormitory for men, erected in 1926, at a cost of $14,000.

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

Farm Shops Building, one story frame structure, erected in 1928, at a cost of $1,800, with aid of General Education Board.

Evans Hall, three story fireproof brick building for women, erected in 1928, at a cost of $100,000, with aid of General Education Board.

Industrial Engineering Building, a two story fireproof structure, erected in 1929, at a cost of $100,000, with aid of General Education Board.

Hospital, three story fireproof brick building with 50-bed capacity, erected in 1930 at a cost of $90,000, with aid of General Education Board.

Education Building, a three story fireproof structure erected in 1931, at a cost of $75,000, with aid of General Education Board.

Purpose

Prairie View has three separate and distinct functions which are clearly set forth in State and Federal Acts for its establishment and support.

First. It is a Normal School for the preparation and training of colored teachers.

Second. It is to maintain a "four-year college course of classical and scientific studies."

Third. It shall "without excluding other scientific and classical studies and including military tactics, teach such branches of learning as are related to agriculture and mechanic arts, in such manner as the legislatures of the State may respectively prescribe in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions of life."

Fourth. In addition to the foregoing, it shall offer such training in Health education as will provide the State with professionally trained nurses while at the same time providing opportunity for observation and practice to newly graduated students of medical colleges.

Courses of Instruction

Division of Agriculture.

Division of Arts and Sciences with the following departments:

- Education (includes Practice Schools)
- English
- Foreign Language
- Mathematics
- Military Science
- Music
- Natural Sciences
- Social Sciences

Division of Home Economics.

Division of Mechanic Arts.

Division of Nursing Education.

State Extension Work under Federal and State Supervision.

Extension work through the Division of Arts and Sciences for College credit.

Correspondence work.

Under the Extension work of the Arts and Sciences Division is offed one correspondence course in Constitutional History.

EQUIPMENT

Division of Agriculture

LIVESTOCK. For the study of the different breeds and types of animals this department maintains the following breeds of livestock: 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, one Bell churn, ice cream freezers, one large butter worker, one Perfection Junior Churn butter worker, capacity 57 gallons, test bottles, etc.

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. As 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 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 stresses. 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.

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.

Division of Arts and Sciences

LIBRARY. The Library occupies the entire third floor of the EDUCATION BUILDING. There are three reading rooms: (1) main reading room for men and women; (2) private reading room for women; (3) private reading room for men. The Library accomodates at one sitting 200 readers. The book collection consists of approximately 10,000 volumes exclusive of some 3,000 unbound periodicals. There are stand books and periodicals for reference, collateral, cultural, and recreational reading purposes chosen with due regard for the needs of the College community as reflected in the demands of the five major divisions of the College and in the trends of world affairs. The staff, consisting of the Librarian, Assistant Librarian, and four student assistants, serves the students, faculty members, and community neighbors with courtesy, patience, intelligence and efficiency.

BIOLOGY. The biological laboratories located on the third floor of the Science Building contain a large number of high grade microscopes and a complete line of models and dissecting material. A complete set of models showing the stages of development of the frog, a human skeleton, several vertebrate skulls, along with a large collection of live and preserved specimens constitute a part of the large quantity of illustrative material used in the department. A microtome of the best grade is available for work in histology. The lecture rooms are fitted with demonstration desks, a large collection of botanical, zoological and anatomical charts, along with a projectoscope and slides. The department maintains a museum of plant and animal life found in and around Waller County.

CHEMISTRY. The chemistry laboratories are located on the first and second floors of the Science Building. The lecture rooms are fitted with demonstration desks and charts, while the laboratories contain a superior collection of apparatus. In addition to a large collection of general apparatus providing adequate laboratory work in general inorganic chemistry, qualitative analysis, quantitative analysis, organic and physical chemistry, the laboratories contain a large number of special pieces of apparatus. For physico-chemical measurements, the laboratories contain a potentiometer, resistance boxes, an audio oscillator, millivoltmeters, milli-ammeters, a standard cell, various types of electrodes, a polariscope, conductivity cells, etc. Complete equipment is provided for the examination and testing of lubricating oils and petroleum products, while a Parr standard calorimeter is provided for work in fuel calorimetry. The laboratory of physiological chemistry is equipped with an electric centrifuge, a Kjeldahl distillation and digestion apparatus, a Duboscq colorimeter and all equipment necessary for the quantitative clinical examination of blood, urine, faces and tissues.

PHYSICS. The department of physics occupies the major portion of the first floor of the Science Building. The laboratory contains an adequate supply of equipment for work in general college physics, electricity and magnetism, physical optics and sound. In addition to a large quantity of general apparatus, the laboratory contains a D. C. generator, several motors, a transformer, induction coils, Crooke's and X-ray tubes, a spectroscope, optical discs and several prisms. For electrical measurements Leeds and Northup galvanometers, potentiometers, and resistance boxes are provided. The laboratory contains also a constant temperature bath fitted with a thermostat, heating units and relay.

MUSIC. The department of Music is housed in a two story frame building containing a reception room, teachers studios, instrumental practice room, theory and public school music rooms and practice rooms. Standard pianos are kept in the best of condition for students' practice. The pianos are both upright and grand. A chickering grand is used for concert purposes in the auditorium; a Mathusheck grand is used for depart-

mental recitals held in the conservatory; a Knabe grand is at the disposal of advanced students. The uprights are Gulbransens, Shoningers, Hamiltons, Goggans (with chickering actions) and Emersons. Anthems, choruses, music for Glee Clubs and quartets, oratorios, operas and cantatas are furnished by the department for students in these organizations. Band and orchestral instruments are provided by the department for students interested in these branches. Conn and Holton instruments predominate. Facilities for the teaching of public school music are provided. Practice teaching projects are conducted in the Practice Elementary and High Schools.

Division of Nursing Education

BUILDING. The Nursing Education Division is housed in a three story, fireproof, brick and tile structure, steam heated and electrically lighted with ample water supply on all floors. The second and third floors are reached by an automatic electric elevator. On the first floor are found the main office, the office of the superintendent of the hospital, dental office, the clinical laboratory, the X-ray room, the emergency room and the dispensary. The X-ray Machine is available for both flouroscopic and radiographic work to both school and surrounding community. The Emergency room is equipped with sterilizers, operating table, cabinets, and other emergency paraphernalia. The hospital dispensary is fitted with modern fixtures and a registered Pharmacist is in charge of all perscription work.

PATIENTS SECTION: On the second floor is located four general wards, four private wards, two sun parlors, a diet kitchen, a utility room, closets, and medicine cabinets for that floor.

SURGICAL SECTION: The main surgical and obstetrical division is located on the third floor, and is served by two general wards, two private wards, a nursery, a delivery room, and a major operating room, with built in instrument cabinet, sterilizers, a diet kitchen, a medicine cabinet, nurses' and doctors' dressing rooms, and a solution and supply room.

The staff is composed of a Resident Physician, a Dentist, a Pharmacist, two internes, and four graduate Registered Nurses, supplemented at times by Physicians, Dentists and Pharmacists from surrounding territory.

Division of Home Economics

CLOTHING AND TEXTILES. The following equipment is provided for instructional purposes in Clothing and Textiles: Closet in which partly finished garments may be hung, chests of drawers built along the side wall providing the student places to store materials; blackboard and bulletin board for illustrations; stationary and movable mirrors, treadle and electric sewing machines; tables for cutting and

working, straight backed chairs, electric irons, ironing boards, bust forms and stands, other small articles such as pinking machines, hat blocks and squares.

FOODS AND NUTRITION. The Foods and Nutrition laboratories are comprised of three regular laboratory units, well equipped with morden gas ranges with regular oven thermometers, and individual work desks. The work desks are equipped with all necessary smaller cooking utensils ordinarily used in the average family. In addition to the regular work desk equipment there are two large equipment supply pantries which include extra pieces of smaller utensils and a very good supply of the larger pieces. In one of the supply pantries there is a refrigeration unit which takes care of all the perishable foods for the three laboratories. To obtain best results in certain preparations and experiments, there is also a supply of gram scales, test tubes, beakers, evaporating dishes and special thermometers. One very attractive feature of the department is the practice dining room, which is well furnished with a modern dining room set consisting of table, chairs, china closet, buffet and tea wagon, together with regular china, silver and glass ware suitable for family service. This provides regular experience in table setting and meal service for the students in the department.

NURSERY. The Nursery School provides for the social, emotional and physical development of the pre-school child. The furniture and equipment consists of swings, slides, ladders, sand bed with sand toys, blocks, packing boxes, doll and doll equipment. Work table with hammer and nails, pull toys, clay, paints and crayolas.

Division of Mechanic Arts

AUTO MECHANICS SHOP. 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.

BLACKSMITH AND WHEELWRIGHT SHOP. 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 Cole Tire Setter. The power is fur-

nished by a 7 ½ horse power electric motor, overhead shafting and belting.

THE BROOM AND MATTRESS SHOP. The Broom shop has the following equipment: five footpower 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 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 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.

ELECTRIC REPAIR SHOP. This shop 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 l-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.

ENGINEERING AND CONSTRUCTION. The drafting department comprises two large drafting rooms 21x34 feet. 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 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 one hatter's blocking machine, one finishing bench, and one hatter's sewing machine.

MACHINE SHOP. 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 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 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 ma-

chine. In this department 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 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. 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 IronWorks 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 monnected to a 20 h.p. General Electric motor, one 12x10x12 Pennsyvania Air Compressor and two 7¼x14¼ 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, one 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 Haysdifferential draft gauges, 4 distribution transformers, 1 General Electric type A voltage regulator, 12 Wathour 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 equipped with five 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, letter-boards, sort drawers, 96 steel sort boxes, coffin and marble imposing surface; one case of metal furniture, one Diamond 34½-inch power paper cutter, one punching machine, one 20½-inch Rosback perforator, one 10x15 Chandler & Price job press, one 12x18 chandler & Price job press epuipped with Mil-Automatic Feeder, one no. 4 Miehle cylinder press with motor equipment, one Model 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 Lathampower wire stitcher in the bindery, one Superior Auxiliary saw trimmer, 2 Revolution 1 no. 1 Vandercook Proof Press, also, one Brown Folding machine. All machines are equipped with individual motors.

SHOEMAKING DEPARTMENT. The equipment includes: one hydraulic solecementing 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 Iasting jocks, three sets of men's finishing wood lasts, one set of ladies wood lasts, one tip perforator, one pattern drafting table, one 22-foot finishing machine and a 6-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 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 Staplng machine, one Hydro-Shoe Press, one Champion Nailing machine, and one Gadi Shoe Nu-Glazing machine.

TAILOR SHOP. 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 garmets, 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.

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ACADEMIC INFORMATION

ADMISSION

General Requirements

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 Col-

lege 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, or (4) as irregular students.

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.

Admission by Certificate

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

Students who present complete certified transcripts showing graduation from accredited high schools will be admitted without examination. Transcripts 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 for the Principal of the High School from which the applicant was graduated.

Admission by Examination

Any or all of the Scholarship requirements for admission may be met by passing the entrance examinations. Graduates of four-year non-accredited high schools must take entrance examinations. Spring entrance examinations are usually held throughout the State in April under the supervision of the State Department of Education. These examinations are conducted in each county by responsible school officials and the papers are sent to the State Department of Education to be graded. On the basis of these papers uniform entrance certificates are issued which will be accepted for admission to any Texas College, provided the subjects certified cover the entrance requirements of the college to which application is made.

Students from non-accredited high schools should write to the State Department of Education, Austin, Texas, for further information regarding Spring entrance examinations.

Fall entrance examinations will be given at Prairie View, September 14, 15, and 16, 1933.

For groups of students from non-accredited high schools who desire to take the entrance examinations between May and September at home, arrangements may be made by writing the Principal, Prairie View College. It is suggested that arrangements for these examinations shall be made through your principal or superintendent.

Subjects Required and Accepted for Admission

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

(Required Units)

English	3 units
Algebra	1 unit
Plane Geometry	1 unit
History and Civics	2 units
Natural Science (with laboratory)	1 unit

(Elective Units)

Foreign Languages	4 units
Social Studies	1-2 units
Natural Science	1-2 units
Music	1-2 units
Agriculture	1-2 units
Commercial Subjects	1-2 units
Home Economics	1-2 units
Industry	1-2 units

Entrance Requirements for Music Majors

Entrance requirements to the Music courses leading to a degree are equivalent to those in other courses leading to a degree, although they vary in detail according to the student's major work.

To take piano as a major the student should be grounded in correct touch and good technique. He should be able to play both major and minor scales correctly in a moderately rapid tempo.

Students who very nearly comply with these requirements may make them up and receive one-half of the usual credit; beginners may take requirements in non-credit courses.

Students entering the course in Voice as a major should exhibit knowledge of the elements of vocal culture, of sight singing, tone value and intervals, and exhibit an ability to play simple standard works on the piano. Non-credit and one-half credit courses apply in voice as in piano.

Admission to Advanced Standing

A student transferring from another college will be admitted to advanced standing in this College upon presentation of: First, a letter

of honorable dismissal; second, an official transcript of all previous work completed.

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.

Credits will be provisionally accepted; final acceptance will depend upon the maintenance of a good average standing for one year by the student.

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 cannot meet all requirements for admission, or special students admitted because of mature years, may be permitted to restrict their studies to special courses 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.

Order of Registration

Report to:

1. Hospital—Every student must pass a complete physical examination.
2. Dean of Women—Uniform for girls; Dean of Men—Uniform for boys.
3. Chapel for class assignments and general information.
4. 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.

   (NOTE: Students who are not going to board and lodge in the dormitories must get a special signed permit from the Principal before going to the Treasurer's Office).

5. Dean of Women or Dean of Men for permanent room assignments.
6. Report to classes as per schedule.

EXPENSES

(You will note that board has been reduced from $18.00 to $16.50, and the entrance fees have been divided and made payable $14.00 at the beginning of each semester.)

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	$14.00
Uniform	7.00
Maintenance, Sept. 19 to Sept. 30	6.60
Key Deposit	.50
Laboratory Fee (required of all students who take science	2.00
Total	$30.10

MEN—To be paid on entrance:

Matriculation Fees	$14.00
Uniform	20.00
Maintenance, Sept. 19 to Sept. 30	6.60
Key Deposit	.50
Laboratory Fee (required of all students who take science	2.00
Total	$43.10

PAYABLE FEBRUARY 1:

(By all students, male and female, enrolled during the first semester)

Matriculation Fees	$14.00
Board for February	16.50
Laboratory Fee (required of all students who take science	2.00
Total	$32.50

Students who do not enroll until the beginning of the second semester will provide themselves with money for uniform, Laboratory and Key Deposit Fees as outlined above in addition to matriculation Fees of $14.00 and maintenance of $16.50 for February.

BOARD AND MAINTENANCE

Maintenance for each successive month, payable strictly in advance, is $16.50. This amount falls due on the first of each month and those who

do not meet their dues promptly are subject to supension. The following regulation is rigidly enforced:

"All students who fail to settle 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 they 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."

Laboratory Fees

(Payable at the beginning of each semester)

General Chemistry	$2.00	High School Physics	2.00
Organic Chemistry	2.00	College Physics	2.00
Qualitative Analysis	1.00	High School Biology	2.00
Quantitative Analysis	1.00	College Biology	2.00

N. B.—Personal checks will not be accepted.

Nurses

The applicant is required to pay an entrance fee of $89.00. 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 the first.

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.

Late Matriculation

All students who matriculate on or before September 23, 1933, will pay a matriculation fee of $14.00, after that date, the fee will be $15.00.

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.

Fees for Certificates and Diplomas

Trade Certificates are issued upon payment of $2.00 (optional). Cost of College Diploma and degree is $7.50 (optional).

Extra Examination Fee

A fee of $1.00 will be charged for all deficiency and extra examinations.

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.

Transcripts of Records

The policy of the institution is 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.

MISCELLANEOUS ACADEMIC INFORMATION

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 hours are required for a degree.

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. The total number of hours must not become less than twelve. 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 "F" 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 perisstent absence from class amounts to dropping) means to sever one's connection with the College.

Assignments

No student shall be enrolled in class in any subject before receiving an assignment card, and no assignment card is complete until it is approved by the student's classifying officer and stamped by the College Treasurer. A student is not assigned any subjects later than seven days after the opening of school without special permission.

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

Class Attendance and Absence

Regular and punctual attendance upon classes, laboratories, and other exercises at which the student is due, is required. Any student who is absent more than nine times, for any cause from any course which meets three times per week shall receive no credit for the same. Any student who is absent more than three times, for any cause, from a course which meets once a week shall receive no credit for the same. Any student who cuts a class more than the number of times the class meets per week shall suffer a reduction of grade for each two cuts, eg.,

a student who earns a grade of "A" and has two extra over cuts shall be given "B" and so on. Any student who is absent from a class must present an approved admit before he will be admitted to class again. Absences due to late registration count as though the student registered at the beginning of the term.

Persistent absence from classes, laboratories, or other exercises (including required physical training) at which the student is due—shall be sufficient cause for dropping a student from the rolls of the college.

Failing to Pass

Any student who, at the intra-semester report, fails to make a passing grade in 50 per cent of the hours in major courses for which he is registered, will be placed under "Special Observation"; if, at the end of the semester such student still fails to pass in 50 per cent of the hours in major courses for which he is registered, he shall be dropped from the institution for at least one semester. This shall not apply when a student fails to make a passing grade in all his major courses. In such a case the student must withdraw from the institution immediately.

Return after Failing to Pass

If a student, who has once been dropped for failing to pass as outlined above, returns after the lapse of at least one semester and again fails to pass in 50 per cent of the hours in major courses for which he is registered, at the end of the semester he shall be dropped permanently from the institution.

EXAMINATIONS

Exemptions from examinations will not be given. In all examinations, account is taken of the student's use of English.

Absence from Examinations

A student who is not on final trial and who is compelled to be absent from a semester examination on account of sickness or other imperative causes, should petition his Director—beforehand if at all possible—for permission to pospone the examination. This permission must be presented in writing to the teacher who is to give the examination and submitted by the teacher with the grade to the Registrar's Office.

A student absent from a semester examination without the Director's permission is graded "F" and required to repeat the semester's work if he desires credit for it. Absence from a postponed, condition, or advanced standing examination, after once a permit has been granted, will have the same effect as failure, unless the student presents to the Director of his Division within a week after the date set for the examination a satisfactory excuse for his absence.

Posponed Examinations

An examination officially postponed may be taken within a year of the date from which the examination was postponed in any one of the series prepared therefor, or with the next class in the same course, provided the student petitions the Registrar as required below. Postponed examinations are held in regular series on dates scheduled for the same. Applications for examinations in the respective series must be in the Registrar's Office not later than two days before examination is given.

Condition Examinations

An examination to remove a course condition, grade of "E", may be taken on one of the days appointed for this purpose or with the next class in the same course. It must be taken within twelve months after the condition was received. If a passing mark is made the term grade then becomes "D". A student who fails to pass a condition examination forefits thereby the right to ask for another examination in that subject and must take that semester's work over to secure credit for it. (Beginning with September 1, 1932, "E" is a condition grade. Previous Previous to September 1, 1932, "D" was condition and "E" failing grade.

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.

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 in writing, may have their reports sent to them instead of to their parents.

Mid-Semester Tests

These tests are given at the end of the first nine weeks periods. The parents of all students doing work below passing grade are notified soon thereafter.

Grading System

The grading symbols are: A (95-100); B (85-94); C (75-84); D (65-74); E (60-64); F (below 60); I (Incomplete). Grades of "I" 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 unavoidable reasons. "F" is a failure. Credit for a course in which "F" is given can be secured only by repeating the course. "W" is given when a stu-

dent withdraws from class by change or withdrawal card. (Beginning with September 1, 1932, "E" is a condition grade. Previous to September 1, 1932, "D" was condition and "E" failing grade.)

Incomplete Class Work

A student who is compelled to delay beyond the end of the semester the completion of the class work of the semester on account of sickness or other imperative cause, should, in person or through a friend, petition the Director—beforehand if at all possible—for permission to delay the work. If this permission is granted, the work may be finished within a year and credit for it given at the discretion of the instructor. A student whose work is reported incomplete without the Director's permission is graded "F".

Grade Points

For a grade of "A" in any subject, three times as many points will be given as there are hours in the course; for a grade of "B", twice as many points; and for a grade of "C", the same number of points. No other grades yield grade points. 128 grade points are required for graduation.

Application of Grade Points

The qualitative requirement of Grade Points as outlined above shall become effective with and upon students entering the Freshman Class on and after September 21, 1932.

DEGREES AND CERTIFICATES

DEGREES: To qualify for any degree, a student must present at least 128 semester hours of credit and 128 grade points. Degrees and diplomas as follows are offered:

1. From the Division of Agriculture, Bachelor of Science.
2. From the Division of Agriculture, Bachelor of Science. Bachelor of Science, Bachelor of Science in Education.
3. From the Division of Home Economics, Bachelor of Science.
4. From the Division of Mechanic Arts, Bachelor of Scieince.
5. From the Division of Nursing Education, Bachelor of Science.

General Requirements.—No honorary degree will be conferred by the College.

No degree will be conferred except publicly on Commencement Day at the end of the long session or at the end of the summer session.

Every candidate is expected to attend in person the Commencement at which his degree is to be conferred unless absent for a good cause, in which case he will petition the Principal at least one week in advance, giving the reason for absence and providing address and postage for mailing diploma.

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

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.

At least twenty-four of the last thirty semester hours offered for an undergraduate degree must be taken in the College.

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

Graduation With Honors

Students earning a total of 240 honor points are graduated "With Distinction", students earning a total of 300 honor points are graduated "With Great Distinction."

No student who has made a grade below "D" ("C"previous to September 1, 1932) shall be eligible to consideration for honors irregardless of his total number of points.

Special Requirements.—All seniors are required to pass a standard test in English grammar and a special test in Arithmetic, before they will be approved for graduation. Drill classes are open to those who fail to pass these tests.

Thesis Requirement.—Every candidate for the Bachelor's degree must write a thesis or an essay on some practical topic or project in the field of the major subject. The essay must be typewritten, double-spaced on plain white bond paper, and must be approved by the head of the department (under whose advice it has been written) and two copies, original and first carbon, filed in the Director's Office not later than May first 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 August 1st.

Applying for a Degree.—A candidate for a degree should register in the College, and should apply for the degree not later than May 1st for the Regular Session or July 1st, 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.

Certificates.—(Trade) Certificates are offered for completing non-collegiate trade courses in the Mechanic Arts Division as follows: Automotive Science, Brickmasonry, Broom and Mattress making, Carpentry and Cabinet making, Electrical Repair Shop, Laundering and Dry Cleaning, Machine Shop Estimating, Plumbing and Steam-fitting, Printing, Shoemaking, Stationary Engineering, Tailoring.

The above certificates indicate that certain courses of study have been successfully completed and have no value for teaching purposes.

Certificates.—(Teaching) The following extracts from regulations of the State Department of Education explain the law regarding certificates issued upon college credits:

ELEMENTARY CERTIFICATES OF THE FIRST CLASS

(a) Valid for Four Years, issued upon completion of five courses that may be counted for a degree in any first class college, provided one course deals with elementary education, one course be in English, and not more than two courses be in one subject.

(b) Valid for Six Years, issued upon completion of ten college courses in any accredited college, provided two courses be in education.

Valid for Life, issued upon five years successful teaching upon an elementary six-year certificate. The completion of an additional year of work in any accredited college is accepted in lieu of a year of teaching.

(d) Valid for Life, issued upon completion of the second year of work in a Texas state teachers' college with special work in elementary education including practice teaching.

2. HIGH SCHOOL CERTIFICATES OF THE FIRST CLASS

(a) Valid for Two Years, issued upon completion of five courses in an accredited college with one course in education and one in English.

(b) Valid for Four Years, issued upon the completion of ten courses in an accredited college, with two courses in education, one of which bears upon high school teaching,

(c) Valid for Six Years, issued upon the completion of fifteen courses in an accredited college, with three courses in education, including thirty-six clock hours of practice teaching and one course in high school teaching.

(d) Valid for Life, issued upon a degree with four courses in education, two of which bear upon high school teaching with special reference to methods and practice teaching.

(e) Valid for Life, issued upon a degree with two courses in education, one of which bears upon high school teaching, plus twenty-seven months of teaching experience.

3. SPECIAL CERTIFICATES OF THE FIRST CLASS

(a) Valid for Three Years, issued upon the completion of ten courses in an accredited college, with one course in English, one in education, one in the special subject, and one-third course in methods of teaching the special subject.

(b) Valid for Four Years, issued upon the completion of fifteen college courses in an accredited college with one course in English, one in Education, and three in the special subject.

(c) Valid for Life, issued upon the completion of three years of successful teaching upon a special four-year certificate.

(d) Valid for Life, issued upon the completion of twenty courses in an accredited college, with one course in English, one in Education, four in the special subject and one-third course in methods of teaching the special subject.

REQUIREMENTS FOR THE ELEMENTARY PERMANENT CERTIFICATE

First Year

Eng. 113, 123—Comp. and Rhet.	6 Sem. Hrs. Credit
Edu. 113—Intro. to Educ.	3 Sem. Hrs. Credit
Educ. 123—Prin. of Elm. Educ.	3 Sem. Hrs Credit
Hist. 103—Constitutional Hist.	3 Sem. Hrs. Credit
Biology	4 Sem. Hrs. Credit
Math. 133, 143—Math. Analysis	6 Sem. Hrs. Credit
Art 112—Drawing & Construction	2 Sem. Hrs. Credit
Phys. Educ. 111, 121—Prac. & Meth. for Elem. Grade	2 Sem. Hrs. Credit

Second Year

Eng. 213, 223—English	6 Sem. Hrs. Credit
Educ. 233, 243—Materials & Methods	6 Sem. Hrs. Credit
Educ. 203—Elem. Prac. Teaching	3 Sem. Hrs. Credit
Music 273—Public School Music	3 Sem. Hrs. Credit
Educ. 215—School Hygiene	3 Sem. Hrs Credit
Geog. 203—Human Geography	4 Sem. Hrs. Credit
Art—Drawing & Construction	2 Sem. Hrs. Credit
Phys. Educ. 211, 221—Prac. & Meth. for Elem. Grades	2 Sem. Hrs. Credit

STUDENT ACTIVITIES AND PRIZES

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.

Religious Influences

While no particular denominational influence is exerted at Prairie View College, the authorities of the institution are thoroughly committed to the benefits of religious training. A chaplain is regularly selected from the faculty to have charge of religious activities of the College community which include Sunday School each Sunday morning, a weekly Sunday morning sermon by the chaplain or invited clergyman, a Vesper Service at 7:30 on Sunday evenings, and weekly Prayer Meeting on Wednesday evenings. Students' attendance is required at Sunday morning sermon and at Vesper Service.

Y. M. C. A.—The Young Men's Christian Association supplies, in a large measure, spiritual, moral and physical aid to the young men of the college. At present a reading-room is provided where one may find many of the best magazines and periodicals.

Y. W. C. A.—The purpose of the Young Women's Christian Association is to unite the women of the institution in loyalty to Jesus Christ. Bible training classes are conducted under the auspicies 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.

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.

Alpha Pi Mu Honorary Society.—Open for men and women of the college who have achieved such record in scholarship as is outlined by the Council. New members are chosen on a basis of the Honor Roll sent out from the Office of the Registrar.

Beta Pi Chi.—An honorary scientific society in which membership is based on high scholarship in Natural Science. 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.

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

The Charles Gilpin Dramatic Club.—Organized in 1929 by the Department of English, is open to all students of the college. The club offers to its members and co-workers opportunities in the arts and crafts of the theatre.

The Panther. Student publication which is issued monthly by the students of the college.

Home Economics Club. All students interested in home economics are eligible to membership in the Home Economics Club. The object of the organization is to encourage and to promote general interest in home economics.

ANNUAL PRIZES

Prizes will be awarded as outlined hereafter:

Odd Fellow Award.—In 1931-1932 the Odd Fellows gave a sum of $5.00 to be applied as a prize in whatever manner directed by the administration of Prairie View.

The Committee on Prizes felt it advisable to substitute this prize for the prize formerly known as the O. P. DeWalt Medal which was granted for excellence in debating. Hereafter this will be known as the Odd Fellows Prize.

Thomas Medal.—The Hobart Thomas Medal is awarded annually to the winner in the Girls' Declamation Contest.

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 Phi Beta Sigma Prize.—A prize of $10.00 to be known as the Phi Beta Sigma Prize will be awarded the student who as made the greatest contribution to Prairie View Sate College during a residence of three years.

DISCIPLINE

The object of discipline at the College is to secure the best conditions for scholarship and moral conduct. If it becomes apparent that any student by misconduct or by neglect of studies is doing harm to himself, he is then subject to disciplinary action as the judgement of the discipline committee may think expedient.

THE ALUMNI AND EX-STUDENT ASSOCIATION

The Alumni Association was organized in 1901. In 1928 the name 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 at the end of the regular session on Saturday before Commencement and at the end of the summer session. The officers are: Hobart Taylor, President, 409-11 Smith Street, Houston, Texas; Thomas L. Holley, Vice-President, 1547 E. Crockett Street, San Antonio, Texas; Napoleon B. Edward, Executive Secretary, Prairie View College, Texas; R. T. Tatum, Treasurer, 711 Poplar Street, Beaumont, Texas.

Outline and Description of Courses of Study

THE UNIT OF CREDIT

The unit of credit at Prairie View State Normal and Industrial College is the semester hour. A semester hour represents one recitation or lecture hour, per week, for eighteen (18) weeks. Two laboratory, practice or demonstration hours represent the equivalent of one recitation or lecture hour.

The following illustrations offer a key to the figures in parenthesis following descriptive titles and numbers of courses:

(A) EDUCATION 113 (3-0)
"(3-0)" indicates that three lecture or recitation and no laboratory hours will be given weekly.

(B) PHYSICAL EDUCATION 112 (0-4
"(0-4)" indicates that four practice and no recitation or lecture hours will be given weekly.

(C) CHEMISTRY 114 (2-4)
"(2-4)" indicates that two lecture or recitation hours and four laboratory or practice hours are given weekly.

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 class year in which the course is to be given; the second numeral indicates the semester, and the third numeral indicates the semester credit. (Note: Odd numerals indicate the first semester; even numerals indicate the second semester; zero or "X" indicates that course is offered either semester.

Illustration: English 113 means Freshman level, first semester, yielding 3 semester hours of credit.

DIVISION OF AGRICULTURE

L. A. Potts, M. S., Director

E. B. Evans, D. V. M.
C. H. Banks, B. S.
S. H. Settler, B. S.
W. H. Nickens, B. S.
W. R. Harrison, M. S.
G. L. Smith, B. S.
J. M. Alexander, M. S.
J. C. McAdams, B. S.

DEPARTMENT OF INSTRUCTION

This Division 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 division 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 agricultural subject matter. All courses offered are of a collegiate grade and may be applied toward the degree of Bachelor of Science in Agriculture.

OUTLINE OF COURSE OF STUDY IN AGRICULTURAL EDUCATION

FRESHMAN

First Semester		Sem. Hrs.	Second Semester		Sem. Hrs.
English, 113 Composition & Rhetoric	(3-0)	3	English, 123 Composition & Rhetoric	(3-0)	3
Chemistry, 114 Inorganic Chemistry	(2-4)	4	Mathematics, 113 Math. for Agri. Students	(3-0)	3
Animal Husb., 112 Market Classes	(1-2)	2	Chemistry, 124 Qualitative Analysis	(2-4)	4
Veterinary Science, 112 Anatomy & Physiology	(1-2)	2	Animal Husb., 123 Feeds & Feeding	(1-2)	2
History, 103 Constitutions	(3-0)	3	Veterinary Sc. 123 Anatomy & Physiol.	(1-2)	2
Electives		3	Electives		3
Infantry, 111 Military Training	(0-3)	1	Infantry, 121 Military Training	(0-3)	1

SOPHOMORE

First Semester		Sem. Hrs.	Second Semester		Sem. Hrs.
English, 213 Public Speaking	(3-0)	3	English, 233 Journalism	(3-0)	3
Animal Husb., 213 Poultry Production	(2-2)	3	Animal Husb., 223 Poultry Diseases and Insects.	(2-2)	3
Chemistry, 214 Organic Chemistry	(2-4)	4	Chemistry, 224 Quantitative Analysis	(2-4)	4
Science, 214 General Zoology	(2-4)	4	Science, 224 Agricultural Botany	(2-4)	4
Horticulture, 212 Fruit Growing	(1-2)	2	Horticulture, 222 Vegetable Growing	(1-2)	2
Infantry, 211 Military Training	(0-3)	1	Infantry, 221 Military Training	(0-3)	1

JUNIOR

Agronomy, 313 Cotton, Corn & Small Grain.	(2-2)	3	Education, 333 Modern Methods in Edu.	(3-0)	3
Science, 313 Gen. Bacteriology	(2-2)	3	Agronomy, 323 Soil Fertility	(2-2)	3
Education, 313 Classroom Management	(3-0)	3	Animal Husb., 322 Farm Dairying	(1-2)	2
Animal Husb., 312 Farm Dairying	(1-2)	2	Animal Husb., 324 Farm Meats	(1-2)	2
Rural Eng'nring., 312 Farm Shop	(1-2)	2	Rural Eng., 322 Farm Shop	(1-2)	2
Infantry, 311 Military Training	(0-3)	1	Infantry, 321 Military Training	(0-3)	1
Electives		3	Electives		3

SENIOR

Education, 473 Special Methods	(3-0)	3	Rural Econ., 423 M'k'ting. Ag. Products	(3-0)	3
Rural Econ., 413 Ru'l Org'n. & Problems	(3-0)	3	Science, 422 Field control of Insects	(1-2)	2
Science, 432 Entomology	(1-2)	2	Science, 442 Entomology	(1-2)	2
Farm Man'gmt., 412 Product of Crops and Animals	(2-0)	2	Farm Man'gmt., 422 Management of successful Texas Farms	(2-0)	2

First Semester		Sem. Hrs.	Second Semester		Hrs. Hrs.
Education, 493	(1-4)	3	Education, 353	(3-0)	3
Observation and Practice Teaching.			Adolescent Psychology		
Advanced Infantry	(0-3)	1	Advanced Infantry, 421	(0-3)	
Military Training			Military Training		
Electives		3	Electives		5

TWO YEAR COLLEGIATE COURSE IN AGRICULTURE

This course is designed for those who are actually engaged in farming or who expect to become farmers. The course is intended to meet the needs of young men of the state who for any reason are not financially able, or who do not desire, to take the full four years of college work.

The course gives practical work covering the general and specialized features of Texas Agriculture.

Opportunities for graduates of this course will depend largely upon the character of the student's work while in college, his previous experiencne, his personality, ability and ambition. With the readjustment through which Agriculture is now passing, and the close competition farmers are forced to meet, there is coming a condition which will make it more necessary than ever before for the self sufficient, as well as the commercial farmers, to be trained and intelligent.

On the satisfactory completion of this course, the student is granted an Agricultural certificate. In case a student decides later to return to complete the full four-year course, he will receive credit toward his degree for the two years of work already done.

OUTLINE OF TWO YEAR COLLEGIATE COURSE OF STUDY IN AGRICULTURE

FIRST YEAR

First Semester		Sem. Hrs.	Second Semester		Sem Hrs.
English, 113	(3-0)	3	English, 123	(3-0)	3
Composition & Rhetoric			Composition & Rhetoric		
Mathematics, 113	(3-0)	3	Animal Husb., 123	(1-2)	3
Special Math. for Ag. Students			Feeds & Feeding		
Animal Husb., 112	(1-2)	2	Veterinary Sc., 122	(1-2)	2
Market Classes			Anatomy & Physiology		
Veterinary Science, 112	(1-2)	2	Animal Husb., 223	(2-2)	3
			Poultry Diseases &		

First Semester		Sem. Hrs.	Second Semester		Hrs. Sem.
Anatomy & Physiology			Insects		
Animal Husb., 213	(2-2)	2	Horticulture, 222	(1-2)	2
Poultry Production			Vegetable Growing		
Horticulture, 212	(1-2)	2	Agri. Eng., 222	(1-2)	2
Fruit Growing			Terracing		
Infantry, 211	(0-3)	1	Infantry, 221	(0-3)	1
Military Training			Military Training		

SECOND YEAR

Agronomy, 313	(2-2)	3	Agronomy, 323	(2-2)	3
Cotton, Corn & Small Grain			Soil Fertility		
Animal Husb., 312	(1-2)	2	Animal Husb., 322	(1-2)	2
Farm Dairying			Farm Dairying		
Rural Eng., 312	(1-2)	2	Animal Husb., 342	(1-2)	2
Farm Shop			Farm Meats		
Farm Management 412	(2-0)	2	Rural Eng., 322	(1-2)	2
Production of Crops & Animals			Farm Shop		
Animal Husb., 332	(1-2)	2	Science, 442	(1-2)	2
Swine Production			Field control of Insects		
Horticulture	(1-2)	2	Farm Mgmnt., 422	(2-0)	2
Canning			Management of successful Texas Farms		
Infantry, 411			Infantry, 421		
Military Training			Military Science		
Electives		2	Electives		2

DESCRIPTION OF COURSE OF STUDY

AGRONOMY 313, 323.—Cotton, Corn and Small Grain Production—(2-2) Credit 3 each semester.

A thorough study of these crops, including the growing, harvesting, marketing and uses. Second Semester—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.

ANIMAL HUSBANDRY 112.—Types and Market Classes of Livestock. —(1-2) Credit 2. I.

Judging types, carcasses, markets and market classification.

ANIMAL HUSBANDRY, 123—Feeds and Feeding—(2-2) Credit 3. II. Composition and digestibility of feeding stuffs physiology, preparation, feeding standards and calculation of rations.

ANIMAL HUSBANDRY 213, 223.—Poultry—(2-2) Credit 3 each semester.

Scope of the industry, breeds, feeding, housing, sanitation, culling, incubation, brooding, marketing and caponizing. Second semester—Poultry Diseases, Parasites and Their Control: 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 diseases are recognized and controlled.

ANIMAL HUSBANDRY 312, 322.—Farm Dairying—(1-2) Credit 2 each semester.

Secretion, composition, testing and separation of milk; the farm manufacture of butter, ice cream and cheese. Second semester—Consideration is given to the general management problem of large and small herds, beginning a dairy herd; feeding and fiitting animals for show and sale.

ANIMAL HUSBANDRY 332, 342—Swine Production—(1-2) Credit 2 each semester. 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. Second semester: Farm Meats, killing, cutting and curing of farm meats.

HORTICULTURE 212, 222.—Fruit Growing—(1-2) Credit 2, each semester.

A study of the principles of fruit growing with special reference to Texas conditions; including location, varieties, soils, fertilizers; planting andcultural methods; pruning, spraying, harvesting and storing. Second semester—Vegetable Growing: A study of the principles of successful vegetable gardening in the South with special reference to home gardening and canning.

HORTICULTURE 232—Canning Fruits, Vegetables and Meats—(1-2) Credit 2 each semester. Canning on a community basis for individual and market purpose will be emphasized.

EDUCATION 493.—Observation and Practice Teaching in Agriculture —(1-4) Credit 3. I or II.

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.

AGRICULTURAL ENGINEERING 122—Graphic Methods.—Credit 2. II. Collecting, plotting and charting agricultural statistics.

Presentation and illustration of data collected.

AGRICULTURAL ENGINEERING 222—Farm Drainage—Credit 2 II. Location and construction of ditches and terraces for farm land in Texas.

RURAL ECONOMICS 413.—Organization and Problems. (3-0) Credit 3. I.

Forces and factors in rural progress; the development and adaptation of rural institutions and organizations.

RURAL ECONOMICS 423.—Marketing—(3-0) Credit 3. II.

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.

SCIENCE 412.—Plant Physiology—(1-2) Credit 2. I.

Principles of absorption, conduction, transpiration, photosynthesis, respiration, growth, movement and reproduction.

SCIENCE 422.—Plant Pathology—(1-2) Credit 2. II.

Discussion of the nature, cause, and control of diseases of field and orchard.

SCIENCE 432.—Economic Entomology—(1-2) Credit 2. I.

A study of the life histories and methods of control of the chief economic species of insects.

SCIENCE 442.—Entomology—(1-2) Credit 2. II.

Field control of insects on the college and community farms.

SCIENCE 323.—Genetics—(2-2) Credit 3. II.

See Division of Arts and Sciences. (Biology 404).

VETERINARY SCIENCE 112, 122.—Anatomy and Physiology—(1-2) Credit 2 each semester.

A study of the anatomical and physiological structure, the digestive respiratory and genito-urinary organs of the horse, ox, sheep, pig and chicken and the more common diseases of farm animals and their prevention.

DIVISION OF ARTS AND SCIENCES

John B. Cade, A. M., Director.

The Division of Arts and Sciences offers courses in Biology, Chemistry, Economics, Education, English, History, Mathematics, Music, Philosophy, Physical Education, Physics, Political Science, Sociology and Foreign Languages.

The first two years' work affords the student an opportunity to survey some of the general fields of the natural and social sciences, language and literature, and to perfect the tools required in more advanced studies. During the last two years of college work, 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.

Three degrees as outlined below are awarded, for anyone of which it is necessary for a student to present 128 semester hours of credit and 128 grade points.

Distribution of Work for Degree—Of the one hundred and twenty-eight semester hours, the following are prescribed:

Required Work

a.	English	12 semester hours
b.	Social Sciences (not including History 103)	6 semester hours
c.	One Foreign Language	12 semester hours
d.	Mathematics	6 semester hours
e.	A Laboratory Science	8 semester hours
f.	Physical Education or Military Science	8 semester hours

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

MAJOR AND MINOR REQUIREMENTS

All students in the Arts and Sciences Division must, by the end of their Sophomore year, select major and minor fields of concentration. The amount of work necessary to be completed for the major or the minor varies with the field of concentration as hereinafter indicated.

Education: Students desiring to major in Education must present at least 30 semester hours of credit in Education for graduation of which 3 semester hours shall be in Rural Sociology and 3 semester hours in Rural Education. Fifteen or more semester hours presented the Education major must be in courses numbered 300 and above.

Twenty-one hours shall constitute a minor in the field of Education, of which 9 semester hours must be in courses numbered 300 and above.

English: Students desiring to major in English must present at least 27 semester hours of credit in English for graduation of which 15 or more semester hours shall be in courses numbered 300 and above.

Eighteen semester hours shall constitute a minor in the field of English of which six or more semester hours shall be in courses numbered 300 and above.

Foreign Languages: Students desiring to major in Foreign Languages must present at least 24 semester hours of credit in one Foreign Language for graduation of which 12 semester hours shall be in courses numbered 300 and above.

Eighteen semester hours shall constitute a minor in the field of Foreign Languages of which six or more semester hours shall be in courses numbered 300 and above.

SPECIAL NOTE: All persons desiring to do work in Foreign Languages above the requirements should consult the Head of the Foreign Languages Department.

Mathematics: Students desiring to major in Mathematics must present at least 24 semester hours of credit in Mathematics for graduation of which at least nine semester hours shall be in courses numbered 300 and above.

Eighteen semester hours shall constitute a minor in the field of Mathematics of which six semester hours shall be in courses numbered 300 and above.

Music: See special outline for music majors.

Natural Science: Biology—Students desiring to major in Biology must present at least 36 semester hours of credit in Biological subjects of which at least 15 semester hours must be in courses numbered 300 and above.

In addition, the following courses in other Departments must be presented: Chemistry 114, 124; Physics 214, 224; Mathematics 113, 123.

Twenty-four semester hours shall constitute a minor in this field of which at least eight semester hours must be in courses numbered 300 and above.

Chemistry: Students desiring to major in Chemistry must present at least 36 semester hours of credit in Chemistry for graduation of which 16 semester hours must be in courses numbered 300 and above.

In addition, the following additional courses must be presented: Mathematics 112, 123; 213, 223; Chemistry 100.

Twenty-four semester hours shall constitute a minor in this field of which at least eight semester hours must be in courses numbered 300 and above.

Social Sciences: Students desiring major in the Social Sciences have choice of three groups as outlined hereafter.

Students majoring in the Social Sciences (Group I) with emphasis on Economics are required to divide their work as follows:

Economics	18 hours
History	12 hours
Sociology	6 hours
Political Science	6 hours
Philosophy	6 hours
Social Science Methods (Educa)	3 hours

Students majoring in the Social Sciences (Group II) with emphasis on History and Government are required to divide their work as follows:

History	18 hours
Economics	6 hours
Sociology	6 hours
Political Science	12 hours
Philosophy	6 hours
Social Science Methods (Educa)	3 hours

Students majoring in the Social Sciences (Group III) with emphasis on Sociology are required to divide their work as follows:

Sociology	18 hours
History	12 hours

Economics	6 hours
Political Science	6 hours
*Philosophy	6 hours
Social Science Methods (Educa)	3 hours

*(May shift 3 hours to Sociology)

Students desiring to minor in the Social Sciences must present nine or more semester hours above the introductory course in either Sociology or Economics; or 12 or more semester hours in Political Science.

NOTE—History 103 will not be accepted in fulfillment of Social Science requirements for graduation, for majors or for minors.

After September 1, 1938, all students presenting themselves for graduation must qualify according to plan and standards outlined above.

Selection of Courses

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 Catalogue 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 after registration.

OUTLINE OF COURSES IN THE DIVISION OF ARTS AND SCIENCES FOR B. A. AND B. S. IN EDUCATION DEGREES

FRESHMAN

First Semester		Sem. Hrs.	Second Semester		Sem. Hrs.
English, 113 Composition and Rhetoric	(3-0)	3	English, 123 Composition and Rhetoric	(3-0)	3
Education, 113 Intro. to Ed. & Tch.	(3-0)	3	Education, 123 Elem. Sch. Subjects	(3-0)	3
Foreign Lang., 113 El. French or Spanish	(3-0)	3	Foreign Lang., 123 El. French or Spanish	(3-0)	3
History, 103 Constitutions	(3-0)	3	Mathematics, 113 College Algebra	(3-0)	3
History, 113 Modern European	(3-0)	3	History, 123 Modern European	(3-0)	3
*Physical Ed., 111 Freshman Practice	(0-3)	1	*Physical Ed., 121 Freshman Practice	(0-3	1
Military Science, 111 Infantry	(0-3)	1	Military Science, 121 Infantry	(0-3	3

SOPHOMORE

First Semester		Sem Hrs.	Second Semester		Sem. Hrs.
English (Elective)	(3-0)	3	English (Elective)	(3-0)	3
Education (Elective)	(3-0)	3	Education (Elective)	(3-0)	3
Mathematics, 123 Plane Trig.	(3-0)	3	Foreign Language French or Spanish	(3-0)	3
Foreign Language French or Spanish	(2-4)	4	Science, 123 Inorg. Chem. or Biol.	(2-4)	4
Science, 114 Inorg. Chem. or Biol.			*Physical Ed., 221 Sophomore Practice	(0-3)	1
*Physical Ed., 211 Sophomore Practice	(0-3)	1	Military Science, 221 Infantry	(0-3)	1
Military Science, 211 Infantry	(0-3)	1	**Elective		3

*For women students only.

**One elective from following group: Natural Science, History, Mathematics, and Philosophy.

JUNIOR AND SENIOR

Military Science 311, 321, 411, 421 Advanced Infantry	4 Sem. Hrs.
Major Field	18-20 Sem. Hrs.
Minor Field	9-15 Sem. Hrs.
Electives	28-30 Sem. Hrs.

FOR DEGREE WITH MUSIC MAJOR

FRESHMAN

English, 113 Composition and Rhetoric	(3-0)	3	English, 123 Composition and Rhetoric	(3-0)	3
Education, 113 Intro. to Ed. & Tch.	(3-0)	3	Education, 123 Elem. Sch. Subjects	(3-0)	3
Foreign Lang., 113 Elementary French	(3-0)	3	Foreign Lang., 123 Elementary French	(3-0)	3
History, 103 Constitutions	(3-0)	3	Harmony, 153 Elementary	(3-0)	3
Major Subj. (1½-4) or	(3-0)	3	Major Subj. (1½-4) or	(3-0)	3
*Physical Ed., 111 Freshman Practice	(0-3)	1	*Physical Ed., 121 Freshman Practice	(0-3)	1
Military Science, 111 Infantry	(0-3)	1	Military Science, 121 Infantry	(0-3)	1

SOPHOMORE

First Semester		Sem. Hrs.	Second Semester		Sem. Hrs.
English (Elective)	(3-0)	3	English (Elective)	(3-0)	3
Education (Elective)	(3-0)	3	Education (Elective)	(3-0)	3
Foreign Language French	(3-0)	3	Foreign Language French	(3-0)	3
Harmony, 163	(3-0)	3	Major Subj. (1½-4 or	(3-0)	3
Major Subj. (1½-4) or	(3-0)	3	Elective	6 or	3
Elective		3	Military Science Infantry	(0-3)	1
Military Science Infantry	(0-3)	1	*Physical Ed., 221 Sophomore Practice	(0-3)	1
*Physical Ed., 211 Sophomore Practice	(0-3)	1			

*For women students only.

JUNIOR

Major Subj. (1½-3) or	(3-0)	3	Major Subj. (1½-3) or	(3-0)	3
Social Science	(3-0)	3	Social Science	(3-0)	3
Education	(3-0)	3	Education	(3-0)	3
Music History	(2-0)	2	Music History	(2-0)	2
Music Elective	(3-0)	3	Music Elective	(3-0)	3
Other Elective	(3-0	3	Other Elective	(3-0)	3
Military Science, 311 Advanced Infantry	(0-3)	1	Military Science, 321 Advanced Infantry	(0-3)	1

SENIOR

Major Subj. (1½-4) or	(8-0)	8	Education	(3-0)	3
Education	(3-0)	3	Major subj. (1½-14) or	(8-0)	8
Music, 292	(2-0)	2	Music 302	2-0)	2
Music Elective		3	Music Elective		3
Military Science, 411 Advanced Infantry	(0-3)	1	Military Science, 421 Advanced Infantry	(0-3)	1

DEPARTMENT OF EDUCATION

G. L. Harrison, A. M., Head

P. E. Bledsoe, B. S., Ph. B.
Henrietta Brogwell, A. B.
Hortense Mims, M. Ph.
Edwyna H. Randals, M. A. in Ed.
George W. Reeves, M. A.
Annie B. Sasser, B. S.
Mattie B. Whiting, B. S.
A. M. Porter Wilson, A. M.

For a major in Education, 30 semester hours of work are required of which at least 15 must be in courses numbered 300 and above.

All students majoring in Education are required to take three semester hours of Rural Education and three semester hours of Rural Sociology.

Twenty-one semester hours are necessary to complete a minor in Education of which at least nine must be in courses numbered 300 and above.

For Elementary Teachers

EDUCATION 113.—Introduction to Education and to Teaching. (3-0) Credit 3. I. Prerequisite to all other courses in Education.
An introductory course to the study of Education setting forth certain principles of teaching. Required of all Freshmen.

EDUCATION 123.—Principles of Elementary School Subjects. (3-0) Credit 3. II.

EDUCATION 213.—Materials and Methods of the Kindergarten-Primary Grades. (3-0) Credit 3. I.

EDUCATION 223—Problems of the Rural School Teacher (3-0) Credit 3. II. Problems of daily program making, making the class schedule, combining classes, supervision of health, the teachers' relation to the principal and the community: confined to the first seven grades.

EDUCATION 233—Elementary School Methods and Materials. (3-0) Credit 3. I. Materials, methods and procedures for the teaching of the grammar and intermediate grades.

EDUCATION 243—Elementary School Methods and Materials. (3-0) Credit 3. II. The course is a continuation of Education 233.

EDUCATION 203.—Observation and Practice Teaching in Elementary Grades. (1-5) Credit 3. I or II.
All observation and teaching done under supervision of critic teachers. Prerequisite: Education 123.

EDUCATION 313.—Classroom Management. (3-0) Credit 3. I.
A course dealing with the problems of classroom organization and control in Elementary Schools.

For High School Teachers

EDUCATION 263.—Vocational Education. (3-0) Credit 3. II.
Designed to give the student an appreciation of the place of vocational education in our present day system of Education. For home economics students.

EDUCATION 382.—Educational Psychology. (3-0) Credit 3 II.
Application of factors governing learning at the Secondary School level. Prerequisite: Education 113. Recommended Psychology 203.

Education 293.—Principles of Secondary Education. (3-0) Credit 3. I.
The social phases of secondary education together with principles and practices involved in curricula and administration of secondary schools. Prerequisite: Education 113.

EDUCATION 333.—Modern Methods in Secondary Education. (3-0) Credit 3. I.
Methods of teaching the high school subjects, and study of selection and organization of subject matter.

EDUCATION 353.—Adolescent Psychology. (3-0). Credit 3. I.
The psychological development of the adolescent boy and girl. Prerequisite: Education 273 or its equivalent.
EDUCATION 363.—Home Economics Education. (3-0) Credit 3. II.
Preparation for the student teaching and practicing in planning of courses, lessons, and the observation of model lessons.
EDUCATION 383.—Methods of Teaching in Industrial Education. (3-0) Credit 3. II.
Most effective organization of equipment, and economic ways of securing materials as teaching aids, program planning, discipline, reports and records.
EDUCATION 393.—Principles of Industrial Education. (3-0) Credit 3. I.
Study of aims, development, and organization of industrial education in the nation and state.
EDUCATION 303.—Observation and Practice Teaching in High School. (1-5) Credit 3. I or II.
Observation and practice teaching in high school under supervision of a critic teacher. Prerequisites: Education 293 or 333 or concurrently.
EDUCATION 401.—Home Economics Problems. (1-0) Credit 1. I or II
SOCIAL SCIENCE 413—Teaching of Social Sciences. (3-0) Credit 3. I.
Methods and materials for teaching the social sciences in the High School. Course of study, supervised study, library facilities, departmental supervision, and classroom methods are considered.
EDUCATION 463.—Mental Adjustments. (3-0) Credit 3. II.
A study of personality as an intergrated force. The psychology of the unadjusted school child. Prerequisite: Education 353 or its equivalent.
EDUCATION 473.—Special Methods in Agriculture. Credit 3.
(See Division of Agriculture for description.)
EDUCATION 483.—Practice Teaching in Mechanic Arts. (1-5) Credit 3. II.
Observation and practice teaching under supervision.
EDUCATION 403.—Teaching Home Economics Subjects. (3-0) Credit 3. I. or II.
One semester of actual teaching in high school classes under supervision.
EDUCATION 493.—Observation and Practice Teaching in Agriculture. Credit 3.
(See Division of Agriculture for description.)

General Education

EDUCATION 253—History of Education (3-0) Credit 3. I. or II.
The historical development of public education in the United States.
EDUCATION 2x3—School Hygiene. (3-0) Credit 3. I. or II.
Problems of school hygiene and health will be taken up and discussed in relation to their practical application. Required for the Elementary Permanent Certificate.

EDUCATION 323—(Sociology 243)—Rural Sociology (3-0) Credit 3. I.
Deals with the origin, development and reconstruction of rural society, relation of the rural school to the community, special consideration is given those problems facing Texas Rural Negroes. Required of all students majoring in Education.
EDUCATION 413, 423.—Elementary Research. (3-3) Credit 3 each semester.
For students majoring in Education.
EDUCATION 433.—Elementary Statistics. (3-0) Credit 3. I.
An introduction to the study of statistics and their use.
EDUCATION 443.—Tests and Measurements. (3-0) Credit 3. II.
The place of tests and measurements in education; selection and construction of the most commonly used tests and measurements. Prerequisite: Education 433.
EDUCATION 453.—Vocational Education (Smith-Hughes Act). (3-0) Credit 3. I.
Effective training, method of training, training on the job, trade analysis. Special attention is given to the provisions of the Smith-Hughes Act.

GEOGRAPHY

GEOGRAPHY 203—Principles of Geography. (3-0) Credit 3. I. or II.
The purposes of the course are (a) to develop the ability to think Geographically, (b) to give an appreciation and understanding of the importance of geography in its relations to the objectives of education, (c) to give the knowledge needed to interpret and enjoy the commonplace things of life, and (d) to give a knowledge of some of the fundamentals of the earth's characteristics, such as climate, soils, land and water bodies, so that man's adjustments to these elements may be successfully interpreted. The topics treated are: Land forms, bodies of water, location, soil, minerals, natural vegetation, climate and the relation of these elements to man. Required of all persons working for an elementary permanent certificate.

PSYCHOLOGY

PSYCHOLOGY 203.—General Principles of Psychology. (3-0) Credit 3. I or II. A prerequisite to all other courses in Psychology.

DEPARTMENT OF ENGLISH

George W. Morton, A. M., Acting Head
S. E. Warren, A. M. — A. L. Campbell, A. B.
W. H. Houston, A. M. — R. B. Johnson, A. M.
Eunice Bloodworth, A. B.

Freshman English requirements must be satisfied fully before the student passes on to any of the work of the sophomore year.

For a major in English, 27 hours of work are required of which at least 15 must be in courses numbered 300 and above.

Eighteen semester hours are necessary to complete a minor in English of which at least six must be in courses numbered 300 and above.

ENGLISH 100.—Drill English. I. or II.
Drill exercise in fundamentals of English usage. (3-0)

ENGLISH 113-123—Composition and Rhetoric. (3-0) Credit 3.
Review of grammar and English essentials. Study of models of various types of composition. Emphasis upon written composition. To be given throughout the year as single course.

ENGLISH 213--Public Speaking. (3-0) Credit 3. I.
Introduction to Public Speaking, Debate, and Parliamentary procednre. Emphasis upon practical work of speech construction, organization and delivery. Prerequisite: English 113-123.

ENGLISH 273.—The Study of Literature. (3-0) Credit 3. I.
Study of the Standards of literature with a view to the formation of a basis for appreciation. Readings from standard classics. For sophomores in Arts and Sciences. Prerequisite: 113, 123.

ENGLISH 223--Literature. (3-0) Credit 3. II.
Study of literature by types. For all sophomores. Special emphasis upon principles of literary criticism, and an application of these principles to the standard classics. Prerequisite: English 113, 123, 213, 233 or 273.

ENGLISH 233.—Journalism. (3-0) Credit 3. I.
Theory and practice in different forms of modern Journalism. Emphasis upon practical work. For Sophomores in the Vocational divisions. Prerequisite: English 113, 123.

ENGLISH 253.—Usage. (3-0) Credit 3. (For repeaters of Sophomore English.) I.
Composition and mechanics. Offered each term.

Courses for Upperclassmen

Prerequisite to all upperclassmen courses: Creditable completion of Freshman and Sophomore requirements.

ENGLISH 313.—The Drama. (3-0) Credit 3. I.
Brief study of origin and developments through representative types from the Greek to contemporary.

ENGLISH 333.—Public Discussion and Debate. (3-0) Credit 3. I.
Advanced public speaking with chief emphasis upon argumentation and debate, briefing, and practical presentation.

ENGLISH 353.—The English Language. (3-0) Credit 3. I.
Study of essential features in the growth and development of the language.

ENGLISH 323.—Shakespeare. (3-0) Credit 3. II.
Brief introduction to Shakespearean drama, the character and conditions of the age. Major emphasis upon study of representative plays.

ENGLISH 343.—Creative Writing. (3-0) Credit 3. II.
Advanced composition. Study of general principles of writing and questions of English Usage. Writing of essays and articles of advanced nature.

ENGLISH 363.—American Literature. (3-0) Credit 3. II.
A survey course. Study of historical influences and literary tendencies through representative selections from chief American writers.

ENGLISH 413, 423.—Nineteenth Century Literature. (3-0) Credit 3 each semester.
Study of the works of the leading English poets and great prose writers, in relation to the general character and temper of the period. Prose, first term, Poetry, second term.

ENGLISH 433.—Short Story Writing. (3-0) Credit 3. I.
Study of theory and technique of short story writing. Practical work in sketches and short stories. Open only upon recommendation of instructor in charge.

ENGLISH 453.—Dramatic Production. (3-0) Credit 3. I.
Principles of dramatic interpretation and characterization. Theory and technique of stage craft with particular reference to play production.

ENGLISH 473.—Romantic Poetry. (3-0) Credit 3. I.
Intensive study of the poetry of Byron, Shelly, Keats and Wordsworth.

ENGLISH 463.—Early Essayists. (3-0) Credit 3. II.
Intensive study of the works of Coleridge, Lamb, Hazlitt, Landor, DeQuincy.

ENGLISH 513.—Negro Literature. (3-0) Credit 3. I.
Study of the Negro in contemporary literature. Special attention to literature by Negroes. Open only to advanced students upon permission of instructor in charge.

THE TEACHING OF ENGLISH.—See Education 333.
Study of aims, selection and organization of materials, preparation of lesson plans, and use of effective methods of teaching English, especially in the Secondary School.

DEPARTMENT OF FOREIGN LANGUAGE

Charles E. Carpenter, M. L., Head
J. L. Terry, A. M.

For a major in Foreign Languages, 24 semester hours of work are required in one subject of which at least 12 must be in courses numbered 300 and above.

Eighteen hours in one subject are necessary to complete a minor of which at least six hours must be in courses numbered 300 and above.

Foreign Language courses are dependent courses which may be continued through two semesters.

FRENCH 113, 123.—Elementary French. (3-0) Credit 3 each semester.

The linguistic foundation of French including the mastery of the peculiar French phonetics. Idiomatic usage and verb drill will be emphasized. An additional text (Pour Charmer Nos Enfants—Capus) is used during the second semester to enliven conversation and drill in memory work.

FRENCH 213.--Conversation and Reading. (3-0) Credit 3. I.
French Conversation, special idiomatic and verb drill. The reading material is simple and graded to review and emphasize the fundamental principles of French. Rapid reading is the aim, also outside reading is assigned to students who show ability for special development. Prerequisite: French 123.

FRENCH 223.--Composition and Reading. (3-0) Credit 3. II.
Free composition required of all students. Scope of readings increased but carefully graded. Written reports in French on assigned out side reading is fundamental to the course. Prerequisite: French 213.

SPANISH

SPANISH 113, 123.--Elementary Spanish. (3-0) Credit 3 each semester. Mastery of the principles of pronunciation of the Spanish language. Drill exercises arranged in graduated lists to assist in syllable division of words and accurate pronunciation. During the second semester special emphasis is placed on the review of grammatical principles previously learned, reading and reproduction from dictation.

SPANISH 213, 223.—Advanced Grammar and Readings. (3-0) Credit 3 each semester.
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, memorization, conversation, and practice in reading as literature. During the second semester special drill on reflexive verbs, subjunctive mode, and on expressions governing literary writing and speaking. Prerequisite: Spanish 123 or the equivalent.

SPANISH 313.-- Spanish Prose and Free Composition. (3-0) Credit 3. I.
The prose tales of Alarcon will be used as a basis for the composition work and for the class reading, translation and discussion. Occasional lectures in Spanish will be utilized to introduce to the student the type of novel to be studied. Spanish conversation will be used generally throughout the course. Prerequisite: Spanish 223.

SPANISH 323—Introduction to Spanish Fiction. (3-0) Credit 3. II.
Particular emphasis on the Picaresque, Problem, and Regional Novel. Occasional lectures in Spanish will be utilized to introduce to the student the type of novel to be studied. Spanish conversation will be used generally throughout the course. Prerequisite: Spanish 223.

DEPARTMENT OF MATHEMATICS

A. W. Randall, A. M., Head
L. N. Turner, A. M. S. B. Taylor, B. S.

For a major in Mathematics, 24 semester hours are required, at least nine of which must be in courses numbered 300 and above.

Eighteen hours are necessary for a minor in Mathematics, at least six of which must be in courses numbered 300 and above.

MATHEMATICS 100.—Senior Drill (no credit) (3-0) I or II.
An intense study of business arithmetic, including the fundamental operations of integers, common and decimal fractions, denominate numbers and general business practices.

MATHEMATICS 113.—College Algebra. (3-0) Credit 3. I.
Drill in solving linear and quadratic equations, elementary theory of equations, determinants, progressions, etc. Prerequisite : College Entrance.

MATHEMATICS 123.—Trigonometry (3-0) Credit 3. II.
A standard course in plane trigonometry with an introduction to spherical trigonometry. Prerequisite: Same as for Mathematics 113.

MATHEMATICS 133-143.—Mathematical Analysis for Agricultural Students. (3-0) Credit 3 each semester
Emphasis will be put on problems dealing with Agriculture, i. e., Dairy problems, Farm Management, and Agricultural Engineering; a drill in the fundamental operations of arithmetic, introduction to numerical trigonometry and practical mensuration.

*MATHEMATICS 153.—College Algebra. (3-0) Credit 3. I.
This course is designed to meet the needs of students who fail in the placement tests. It includes an intense study of the fundamental operations of algebra; simple, quadratic and simultaneous equations.

MATHEMATICS 173-183.—Mathematical Analysis for Home Economic Students. (3-0) Credit 3 each semester.
Reviews the essentials of Arithmetic and includes the rudiments of Algebra with chapters on problems in homemaking and dressmaking, millinery, foods and problems on the farm; and arithmetic for nurses. Prerequisite: Same as for Mathematics 113.

MATHEMATICS 103.—Teachers' Mathematics. (3-0) Credit 3. I. or II.
A course which places emphasis on the methods of teaching Arithmetic. Attention is given to the fundamental operations of elementary mathematics and observation of the current practices in the grades will be given with due consideration on subject matter. Required for the Elementary Permanent Certificate. Prerequisite: Same as for Mathematics 113.

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*Students desiring to major in Mathematics should also include Mathematics 113.

MATHEMATICS 213.—Analytic Geometry. (3-0) Credit 3. I.
A study of the point, the straight line, the conics, graph of trigonometric, logarithmic and exponential functions. Prerequisites: Mathematics 113 and 123.

MATHEMATICS 223.—Differential Calculus. (3-0) Credit 3. II.
A thorough drill in the development and the applications of the various formulae of differentiation of practical problems. Prerequisite: Mathematics 213.

MATHEMATICS 313.—Integral Calculus. (3-0) Credit 3. I.
An intensive study of many types of integrals and their applications to special problems. An introduction to differential equations is also given. Prerequisite: Mathematics 223.

MATHEMATICS 303.—Mathematics of Finance. (3-0) Credit 3. I. I or II.
This course is based on the purchasing of property, and methods by which the monthly payments of interest and principle are computed. It also includes annuities, sinking funds, bonds and life annuities. Prerequisite: Mathematics 113 or 133.

MATHEMATICS 403.—Theory of Equations. (3-0) Credit 3. I or II.
A standard course in the theory of equations involving ruler and compass instructions, solutions of equations, matrices and determinants, symmetric functions, eliminants, and discriminants. Prerequisites: Mathematics 223 and 313.

MATHEMATICS 423.—Differential Equations. (3-0) Credit 3 each semester.

A very intensive course in ordinary differential equations which involves singular solutions, total differential equations, linear differential equations, and simultaneous differential equations with an introduction to partial differential equations of the first order. Prerequisite: Mathematics 313.

FOR MAJORS

In addition to the above described courses, the Department of Mathematics offers the students who desire to major in Mathematics a choice of the following courses:

Intermediate Calculus,
Solid Analytical Geometry,
Projective Geometry,
Modern Geometry,
Advanced Calculus,
Analytic Mechanics,
Descriptive Geometry.

DEPARTMENT OF MILITARY SCIENCE

Captain Edward L. Dabney, Infantry Res., U. S. Army, Head
O. Anderson Fuller, Jr., Band Director

The United States government has direct control over the military training given at this school which is in accordance with Section 55c, National Defence Act of 1920. Over 200 U. S. rifles, calibre 30, model 1917, belts and several U. S. rifles for gallery practice with necessary ammunition for training purposes are provided by the U. S. government for the training of the Cadet Corps.

MILITARY SCIENCE 111, 121.--Infantry. (0-3) Credit 1 each semester.
(a) Theoretical: National Defence Act, military courtesy and discipline, Infantry, hygiene and sanitation. (b) Practical: Infantry drill, physical training.

MILITARY SCIENCE 211, 221--Infantry. (0-3) Credit 1 each semester.
(a) Theoretical: Musketry automatic rifle. (b) Practical: Command and leadership as corporals. Prerequisite: Military Science 121.

MILITARY SCIENCE 311, 321--Advanced Infantry. (0-3) Credit 1 each semester.
(a) Theoretical: Machine guns, topography. (b) Practical: Command sergeants, machine gunnery, topography, machine guns and combat principles. Prerequisite: Military Science 221.

MILITARY SCIENCE 411, 421.—Advanced Infantry. (0-3) Credit 1 each semester.
(a) Theoretical: Combat principles; military history. (b) Practical: Command and leadership as officers and instructors; combat principles. Prerequisite: Military Science 321.

DEPARTMENT OF MUSIC

O. Anderson Fuller, Jr., B. A., Head
Madaline M. Thurman, A. M.

Music Majors are offered in Piano, Voice and Public School Music. See outlines of Divisional courses for distribution of music major work.

Description of Courses

MUSIC 113, 123.—Elementary Drill in Piano. (1½-4) Credit 3 each semester.
Bach's Little Preludes and Fugues; Bach's Inventions, Cramer, Jensen.

MUSIC 133, 143.—Fundamentals in Voice. (1½-4) Credit 3 each semester.
Development of flexibility, true color and phrasing, application of the same in songs chosen from the best moderate song literature.

MUSIC 153, 163.—Elementary Harmony. (3-0) Credit 3 each semester.
A study of scales, intervals and chords.

MUSIC 172, 182.—Music History. (2-0) Credit 2 each semester.
General course in Music History, studying ancient and primitive music; the historical bases of musical works and their composers.

MUSIC 173, 183.—Public School Music. (3-0) Credit 3 each semester.
Methods and materials for primary grades.

MUSIC EDUCATION 203.-Practice Teaching in the Elementary Grades (1-5) Credit 3 each semester.
Supervised teaching and observation.

MUSIC 213, 223.—Intermediate Piano. (1½-4) Credit 3 each semester.
A continuation of scales and Arpeggio studies with increased rapidity and variety. Czerny Op. 31, No. 2, Concertos, Special public recitals.

MUSIC 233, 243.—Vocal Technique. (1½-4) Credit 3 each semester.
A study of scales and Arpeggi in all forms; vocal embellishments, songs in one foreign language. Vocalises Lamperti, Bordese, concone, etc.

MUSIC 253, 263.--Harmony (3-0) Credit 3 each semester.
Continuation of study of chords. Use of modulations and ornamentations.

MUSIC 273, 283.--Public School Music (3-0) Credit 3 each semester.
Methods and materials for intermediate grades.

MUSIC EDUCATION 303.--Practice teaching in the High School. (1-5) Credit 3.
Supervised teaching and observation.

MUSIC 313, 323.—Instrument Music Education. (3-0) Credit 3 each semester.
Instruction in orchestration and training for school orchestras and bands; practice in studying instruments.

MUSIC 318, 328.—Advanced Drills in Piano. (1½-14) Credit 8 each semester.
A study of material of the grade of difficulty of Beethoven, Sonata, Op. 31, No. 2, Concertos. Special appearance in public recitals.

MUSIC 333, 343.—Advanced Harmony. (3-0) Credit 3 each semester.
A continuation of scales, intervals and chords.

MUSIC 338, 348.—Advanced Voice Technique. (1½-14) Credit 8 each semester.
Further drill in vocal technique. Ensemble singing from standard operas, oratorios, and cantatas, studies in expression and tone color; song recitatives and airs in at least two foreign languages. Solo classes and public recitals.

MUSIC 353, 363.—Public School Music. (3-0) Credit 3 each semester.
Music for children with Victrola. Toy orchestras; projects; appreciation.

MUSIC 373, 383.—Principles and Methods of Music Education. (3-0) Credit 3 each semester.
Problems in the philosophy and psychology of music training; of the music supervisor; the administration of Junior and Senior High School Music and values of tests and measurements are emphasized.

MUSIC 392, 302.--History of Music and Appreciation. (2-0) Credit 2 each semester.
A study of Music with musicial illustrations. This study will include contemporary music.

MUSIC 418, 428.—Advanced Piano. (1½-14) Credit 8 each semester.
Repertory study, exhibitions of a sufficient mastery of scales, arpeggios, chords, octaves and double notes, ensemble sight reading and accompanying. Senior recital.

MUSIC 438, 448.—Vocal Interpretation. (1½-14) Credit 8 each semester
A study of repertoire building. Knowledge of proper interpretation of songs of classic and modern vocal literature. Senior recital.

MUSIC 110½-420½.--Choral Music. (½-1) Credit ½ each semester.
Study and performance of choral music, sacred and secular, for male, female, and mixed voices.

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

DEPARTMENT OF PHYSICAL EDUCATION FOR WOMEN

S. B. Taylor, A. B., Chairman of Committee

Physical Education is required of all students three hours per week throughout the freshman and sophomore years. All students are required to wear regulation uniforms in Physical Education classes. The uniform consists of a blue one-piece suit, black cotton hose, and white keds. Entering Freshman girls are required to place their order for this uniform with their instructor in Physical Education. The approximate cost of this outfit is $3.25.

No courses offered for Majors.

PHYSICAL EDUCATION 111, 121.—Freshman Practice. (0-2) Credit 1 each semester.
Elementary work in tactics, gymnasium games, tumbling and pyramids, posture grading, and training; simple folk, natural, clog, and tap dancing; physical efficiency and motor ability tests; contests, stunts, self-testing activities, developmental exercise, Danish gymnastics.

PHYSICAL EDUCATION 131, 141.—Elementary Practice and Methods. (1-2) Instruction in Calisthenics, Tactics, Gymnasium games, Folk dances, Contests, Developmental Exercises.

PHYSICAL EDUCATION 211, 221.—Sophomore Practice. (0-2) Credit 1 each semester.
Continuation of course 111, 121. The work done during this year is of an intermediate nature.

PHYSICAL EDUCATION 231, 241.—Practice and Methods in the Elementary Schools. (1-2)
Consisting of Lectures and Practical work in the teaching of Physical Education in the Elementary grades. It is designed for all prospective School teachers.

NATURAL SCIENCE DEPARTMENTS

R. P. Perry, M. S., Chairman
W. M. Booker, M. S. — M. G. Randall, M. S.
H. G. Dickerson, M. S. — D. R. Turner, B. S.
B. C. Young, M. S.

BIOLOGY

For a major in Biology, 36 semester hours are required of which at least 16 must be in courses numbered 300 and above.

Twenty-four hours are necessary for a minor in Biology of which at least eight must be in courses numbered 300 and above.

In addition, to the above requirements for a major or minor in Biology, the following courses must be presented: Chemistry 114, 124; Physics 214, 224; Mathematics 113, 123.

BIOLOGY 114.—General Biology (2-4) Credit 4. I.
A general introduction to the animal kingdom. The student is familiarized in a general way with biological principles and theories. This course is intended mainly for those students who have not had a good course in high school Biology.

BIOLOGY 124.—General Biology (2-4) Credit 4. II.
A continuation of Biology 114. The first part of the semester is spent in general principles of genetics and eugenics, while most of the semester is devoted to a general survey of the plant kingdom. Prerequisite: Biology 114 or equivalent.

BIOLOGY 214.—General Zoology (2-4) Credit 4. I.
This course presupposes a course in general biology. Students who have had a course in high school biology may matriculate for this course after consultation with the Head of Department. Special attention is given to the morphology and physiology of protozoa, profera, coelenterate, echinoderms, platyhelminths, nemathelminths, and annelids. Considerable time is spent in classification and life histories of organisms. Prerequisite: Bology 124 or equivalent.

BIOLOGY 224.—General Zoology (2-4) Credit 4. II.
Continuation of Biology 214, dealing with the morphology and physiology of mollusks, arthropods and certain chordates. A good part of the semester is spent in a detailed study of the frog. Prerequisite: Biology 214.

BIOLOGY 234.—Agricultural Zoology (2-4) Credit 4. I.
This course is outlined for students of Agriculture. The various phyla of the animal kingdom are considered, with special attention to the anatomy, physiology, and genetics of certain domestic animals. Considerable time is given to the life histories of parasitic organisms which use domestic animals as hosts.

BIOLOGY 244.—Agricultural Botany (2-4) Credit 4. II.
The morphology and physiology of crop plants are considered in detail. Parasitic plants are also considered. Physiological processes like germination, absorption, photosynthesis, respiration, and transpiration are given special attention.

BIOLOGY 313.—Anatomy and Physiology (2-2) Credit 3. I.
Special attention is given to the anatomy and physiology of the various systems of the animal body. The physiology of respiration, of digestion, of reproduction, of nerves action, and of metabolism, are among the considerations. Prerequisite: Biology 124.

BIOLOGY 323.—Anatomy and Physiology (2-2) Credit 3. II.
A continuation of Biology 313. Prerequisite: Biology 313.

BIOLOGY 314.—Comparative Physiology (2-4) Credit 4. I.
This course deals with the phenomena of respiration, contractility, metabolism, acid-base balance of body fluids, as found in various organisms; cell permeability, osmotic pressure, diffusion, oxidation reduction structure of protoplasm, and other phenomena are considered. Prerequisites: Physics 224, Chemistry 124, and Biology 224.

BIOLOGY 324.—Comparative Physiology (2-4) Credit 4. II.
A continuation of Biology 314.

BIOLOGY 334.—Bacteriology (2-4) Credit 4. I.
Bacteria, yeasts, molds and other fungi are considered in detail. Some attention is given to pathogenic bacteria found in fluids and serum obtained from Rockefeller Hospital. Prerequisite: Biology 124 or its equivalent.

BIOLOGY 344.—Comparative Anatomy (2-4) Credit 4. II.
This course gives a consideration of the morphology of each class of vertebrates. Considerable attention is given to the evolution of the different systems of vertebrates. Prerequisite: Biology 224.

BIOLOGY 354.—Histological Technique. (1-6) Credit 4. II.
This is a course in methods of preparing slides for microscopic examination. Slides are made of tissue taken from the frog and the cat. Some slides are made also from pathological tissue. Prerequisite: Biology 224.

BIOLOGY 414.—Vertebrate Embryology (2-4) Credit 4. I.
A consideration of the embryology of the chick and pig. Maturation, gastrulation, and fertilization are treated in detail. Students are admitted by permission from the Head of the Department.

BIOLOGY 421.—Vertebrate Morphology. One hour. I.
Various morphological theories are discussed. Students are assigned reports which they present at the meeting of the class. For Senior students only.
BIOLOGY 424.—Protozoology. (2-4) Credit 4. I.
This course covers a consideration of the different types of protozoa. A good bit of attention is given to pathogenic protozoa and their histories, as well as to the taxonomy of protozoa. Prerequisite: Biology 224.
BIOLOGY 431.—Research (0-2) Credit 1.
Open only to advanced students of Biology.
BIOLOGY 440.—Seminar. No Credit.
Must be taken by all major students.
BIOLOGY 502.—Laboratory Management. (0-6)
A course for major or minor students in the technique of collecting, preserving, and injecting specimen. Prerequisite: Biology 224.

Chemistry

For a major in Chemistry 36 semester hours are required of which at least 16 must be in courses numbered 300 and above.

Twenty-four hours are necessary for a minor in Chemistry of which at least eight must be in courses numbered 300 and above.

In addition to the above requirements for a major or minor in Chemistry, the following courses must be presented: Chemistry 100, 114, 124, 214, 224, Mathematics 123, 213, 223; and Physics 214, 224.

CHEMISTRY 100.—Elementary Chemical Calculation. (2-4) (No Credit) A course in problems covering theoretical and practical Chemistry. The course is designed to aid students in general chemistry. Required of all freshmen in chemistry.
CHEMISTRY 114, 124.—Inorganic Chemistry and Qualitative Analysis. (2-4) Credit 4.
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 the separation of the common metallic ions, is studied during the last half of the second semester.
CHEMISTRY 214.—Qualitative Analysis. (2-4) Credit 4. I.
For students who plan to major in chemistry. The course consists of a systematic analysis of all ions except those of the rare elements, with special emphasis placed upon the theory of analytical chemistry, solutions, equilibrium, solubility, products. Prerequisite: Chemistry 124.
CHEMISTRY 224.—Quantitative Analysis. (2-4) Credit 4. II.
The general principles of quantitative analysis along with the practical methods of analysis of engineering materals, food, fertilizers and soil. Prerequisite: Qualitative Analysis.

CHEMISTRY 234.—Elementary Organic Chemistry. (2-4) Credit 4. I.
The fundamental principles of organic Chemistry for students of Home Economics and Agriculture. The course covers the important compounds and reactions of the aliphatic and aromatic series and is completed in one semester. Prerequisite: Chemistry 124.
CHEMISTRY 244.—Elementary Physiological Chemistry. (2-4) Credit 4. II.
The course is designed for students of Home Economics and Agriculture and deals with the properties, digestion and metabolism of carbohydrates, proteins, and fats; the chemistry of milk and animal nutrition; blood and urine analysis. Prerequisite: Chemistry 234.
CHEMISTRY 313.—Ferrous Metallurgy. (3-0) Credit 3. I.
Primarily for Mechanic Arts students, but may be taken by students in Chemistry. Blast furnace operation, puddling, cementation; crucible steel, Bessemer processes, open hearth processes, ingot casting and mechanical treatment. Prerequisite: Chemistry 124.
CHEMISTRY 315, 325.—General Organic Chemistry. (3-4) Credit 5. I. and II.
The course is designed for students majoring in the Department. The fundamental principles of pure organic chemistry are illustrated by the preparation and study of the typical representatives of the aliphatic and aromatic series. Prerequisite: Chemistry 224.
CHEMISTRY 402.—Inorganic Chemistry. (2-0) Credit 2. I.
Lectures and assigned readings dealing with the chemistry and mechanism of inorganic reactions.
CHEMISTRY 403.—Industrial Analysis. (0-6) Credit 3. II.
A laboratory course in the examination of boiler waters, solid and gaseous fuels, lubricants and cement. Prerequisite: Chemistry 224.
CHEMISTRY 404.—Physiological Chemistry. (2-4) Credit 4. I. or II.
A study of the chemistry of the animal body and of the vital processes and their regulation. The laboratory work deals with metabolism studies along with the quantitative clinical examination of blood, urine and faces. Prerequisite: Chemistry 325.
CHEMISTRY 412.—Organic Chemistry. (2-0) Credit 2. I or II.
Lectures and assigned readings dealing with the chemistry and mechanism of homogeneous organic reactions. Prerequisite: Chemistry 325.
CHEMISTRY 415, 425.—Physical Chemistry. (3-4) Credit 5.
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 rates and chemical equilibria, phase equilibria and thermo-chemistry. Prerequisite: Chemistry 224, College Physics, Calculus.

CHEMISTRY 433.—Inorganic Preparations. (3-0) Credit 3. I
A laboratory course in the preparation of typical inorganic compounds. Prerequisite: Chemistry 224.

CHEMISTRY 443.—Organic Preparations. (1-4) Credit 3. II.
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.

CHEMISTRY 451, 461.—Research (1-1) Credit 1.
The course consists of library and laboratory work in the preparation of a thesis required of all major students. Students may register for research after consultation with the Head of the Department.

CHEMISTRY 500.—Seminar. (No Credit)
Reports and discussions on the progress of research. Required of all major students in the department.

GEOLOGY

GEOLOGY 334.—General Geology. (2-4) Credit 4. I.
A detailed study of the systems and classes of natural and artificial crystals with emphasis on their use in mineral identification; the genesis, geologic occurrence, association, and alteration products of these minerals with their value in identification and their implications as to the history geologic relations of the rocks in which they are found. Prerequisite: Chemistry 124.

GEOLOGY 344.—Petroleum Geology. (2-4) Credit 4. II.
Facts and theories of the origin, migration, and accumulation of petroleum as illustrated by experimental data and examples of occurrences of oil and gas in typical fields; the stratigraphy and structural conditions of the large producing oil fields of the United States. Prerequisite: Geology 334.

Physics

PHYSICS 214, 224.—(2-4) Credit 4 each semester.
Lectures, recitations, and physical measurements on mechanics, properties of matter, forces, equilibrium, heat and mechanics of fluids. Second semester: Magnetism, electricity, light and radioactivity. Prerequisites: College algebra and plane trigonometry.

PHYSICS 304. (2-4) Credit 4. I or II.
Lectures, recitations, and written reviews. A discussion of 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. Prerequisites: Physics 214, 224.

PHYSICS 314, 324.—Electricity and Magnetism. (2-4) Credit 4 each semester. Prerequisites: Physics 214, 224.

PHYSICS 404.—Physical Optics. (2-4) Credit 4. I or II.
A study of wave motion, lenses, light and spectrum. Prerequisites: Physics 214, 224, 314, 324.

SOCIAL SCIENCE DEPARTMENT

F. A. Jackson, M. B. A., Chairman

H. A. Bullock, A. M. — L. C. Phillip, A. M.
J. B. Cade, A. M. — S. E. Warren, A. M.

Students majoring in the Social Sciences (Group I) with emphasis on Economics are required to divide their work as follows:

Economics	18 hours
History	12 hours
Sociology	6 hours
Political Science	6 hours
Philosophy	6 hours
Sociology Science Methods (Edu)	3 hours

Students majoring in the Social Sciences (Group II) with emphasis on History and Government are required to divide their work as follows:

History	18 hours
Economics	6 hours
Sociology	6 hours
Political Science	12 hours
Philosophy	6 hours
Social Science Methods (Educa)	3 hours

Students majoring in the Social Sciences (Group III) with emphasis on Sociology are required to divide their work as follows:

Sociology	18 hours
History	12 hours
Economics	6 hours
Political Science	6 hours
*Philosophy	6 hours
Social Science Methods (Educa)	3 hours

*May shift 3 hours to Sociology.

Nine or more semester hours above the Introductory Course in either Sociology or Economics, or twelve or more semester hours in Political Science are required for a minor in the field of Social Sciences.

NOTE: History 103 will not be accepted in fulfillment of Social Sciences requirements for graduation, for majors or for minors.

Economics

ECONOMICS 303.—Survey Course in Economics. (3-0) Credit 3. I or II
Rural life, farm production, population in rural and urban communities.

Open to Home Economics students.

ECONOMICS 313, 323.—Introductory Principles of Economics. (3-0) Credit 3 each semester.

A general survey of the field of economics dealing with production, distribution, goods, exchange, prices, supply and demand. The second semester deals with money, banking, labor problems, foreign exchange, agricultural problems and consumption.

ECONOMICS 433.—Money and Banking. (3-0) Credit 3 each semester. History of money; bimetallism; legal tender; value of money; functions of banks; credit and credit instruments. Prerequisites: Economics 313 and 323 or special permission.

ECONOMICS 443.—Business Administration. (3-0) Credit 3. II. General survey of the entire field of Business Administration. Emphasis on administrator's relation to society, marketing, business organization and control, salesmanship. Open to Sophomores.

ECONOMICS 453.—Economic History of the United States. (3-0) Credit 3. I.

To acquaint students with economic and social bases of American History. Deals with colonial agriculture, commerce and industry, economic aspect of American Revolution, railways, rise of manufacturing, growth of trusts, and growth of trade unions.

ECONOMICS 463.—Labor Problems. (3-0) Credit 3.

Modern problems of labor in industry. Prerequisite: Economics 313 or special permission.

HISTORY

HISTORY 103.—Constitutional History of the United States and Texas. (3-0) Credit 3. I orII.

A brief survey study of the National government and the government of Texas.

HISTORY 113, 123.—Early and Late Modern European History (1500-1930). (3-0) Credit 3 each semester.

The period of discovery and colonization; rise of the national state; middle class; Industrial Revolution and the beginning of democratic government. Second semester: Napoleonic Wars; the rise of a new national feeling; Empire building; the World War; a world state and peaceful arbitration.

HISTORY 203.—English History. (3-0) Credit 3 I or II.

A survey of English History from the earliest times to the present time. Background course for American History.

HISTORY 313, 323.—History of the United States. (3-0) Credit 3 each semester.

Brief survey of the colonization of America; formation of National government; rise of political parties; the slavery question; secession;

Civil War; reconstruction; the new Industrial Order; Expansion; World power.

HISTORY 413.—Contemporary American History (1865-1932) (3-0) Credit 3. I.

Reconstruction. Gold,silver and paper money controversies. Civil service, tariff, imperialism, trusts, railroads, Progressives, World War, Current American problems.

HISTORY 423.—History of The Negro in America. (3-0) Credit 3. II. Study of the American Negro and his background. Wide reading in source material.

HISTORY 433.—American Diplomacy. (3-0) Credit 3. I.

A brief survey of the history of our foreign policy during American Revolution, Napoleonic Wars, rising nationalism, slavery. Latin American relations, our "Big Sister" policy in the Carribean. Prerequisites: History 313 and 323.

GOVERNMENT

GOVERNMENT 353.—Introduction to Political Science. (3-0) Credit 3. I.

The cause and evolution of the state, the theories underlying state, sovereignty, executives, legislatures, judiciary, law and colonial government.

GOVERNMENT 363.—American City Government and Parliamentary Law. (3-0) Credit 3. I or II.

Development of Political Parties in the United States, their organization, issues and procedure. Each student required to take daily newspaper or some periodical named by instructor.

GOVERNMENT 453.—American National Government. 3-0) Credit 3. I.

General survey of American Political System. The making of the Constitution, principles of the Constitution.

GOVERNMENT 463.—State and Local Government. (3-0) Credit 3. II.

Origin and growth of State Constitutions; county, town and township governments and growth. Special emphasis on Texas constitution and government.

Philosophy

PHILOSOPHY 313.—Introduction to Philosophy. (3-0) Credit 3. I.

Designed for undergraduates taking Philosophy for the first time.

PHILOSOPHY 413.—Logic. (3-0) Credit 3. I.

Introductory study of the methods of correct reasoning, deductive and inductive proof, arguments, etc.

PHILOSOPHY 423.—Ethics. (3-0) Credit 3. II.

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.

Sociology

SOCIOLOGY 213.—Introduction to the Study of Society. (3-0) Credit 3. I.

Pure Sociology designed to acquaint the student with the nature and field of Social Science, the origin of Social Institutions, Social Process, and Social Pathology. No attempt is made to go into the detailed aspect of the phases but to give introductory material of Sociology which might be used for advanced study. This course forms the prerequisite for all other courses.

SOCIOLOGY 223.—Race Relations. (3-0) Credit 3. II.

An attempt to measure racial and group contributions to our present civilization.

SOCIOLOGY 323.—The Family. (3-0) Credit 3. II.

Domestic relations: Incompatibility, divorce, illegitimacy, domestic disadvantages of modern industry and other problems that have to do with the family and its broad social aspects.

SOCIOLOGY 413.—Social Anthropology. (3-0) Credit 3. I.

Social origins dealing with the historical development of man and his culture.

SOCIOLOGY 433.—Community Organization. (3-0) Credit 3. I.

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.

SOCIOLOGY 453.—Social Case Work. (3-0) Credit 3. I.

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.

SOCIOLOGY 463.—Social Research. (3-0) Credit 3. II.

Acquaints the student with methods of social research. Both library and field methods will be used.

SOCIOLOGY 401.—Civic Sociology; Modern and Social Health Movements. (1-0) Credit 1. I or II.

Especially for students in nursing education and will cover civic movements and problems with reference to health, public housing, recreation, and Americanization.

SOCIOLOGY 243.—Rural Sociology: See Education 323 for description. Required of all students majoring in Education.

SOCIAL SCIENCE 413.—Teaching the Social Sciences.

See Department of Education for description. Required of all students majoring in the Social Sciences.

NOTE: Students who plan to major in Sociology should take the course in Early and Late Modern European History.

DIVISION OF HOME ECONOMICS

Elizabeth C. May, B. S. in H. E., Director
Essie J. Anderson, M. S. — H. Bryant, B. S.
M. L. Powell, M. S. — L. F. James, B. S.
Geneva C. Peters, M. S. — Odessa Jones, A. B.
D. S. Dent, A. M.

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 economic 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.

Requirements for Degree

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

OUTLINE OF COURSE OF STUDY IN HOME ECONOMICS

FRESHMAN

First Semester		Sem. Hrs.	Second Semester		Sem. Hrs.
English 113 Composition	(3-0)	3	English 123 Composition	(3-0)	3
Chemistry 114 Inorganic	(2-4)	4	Chemistry Qualitative Analysis	(2-4)	4
Education 113 Intro. to Education	(3-0)	3	Education 123 Principles of Elem'ry. School Subjects	(3-0)	3
History 103 Constitutions	(3-0)	3	Clothing 123 Textiles & Clothing	(1-4)	3
Mathematics 173 Mathematical Analysis	(3-0)	3	Mathematics 183 Math. Analysis	(3-0)	3
Art 112 Art Principles	(0-4)	2	Physical Ed. 121 Freshman Practice	(0-3)	1

SOPHOMORE

English 233 Journalism	(3-0)	3	English Elective	(3-0)	3
Chemistry 214 Organic	(2-4)	4	Chemistry 224 Organic	(2-4)	4

First Semester		Sem. Hrs.	Second Semester		Sem. Hrs.
Education 233 Elementary Methods	(3-0)	3	Education 223 Rural Education	(3-0)	3
Foods 213 Elementary Nutrition	(1-4)	3	Foods 223 Elementary Nutrition	(1-4)	3
Biology 313 Prin. of Physiology	(2-2)	3	Biology 323 Prin. of Physiology	(2-2)	3
Physical Ed. 211 Sophomore Practice	(0-3)	1	Physical Ed. 221 Sophomore Practice	(0-3)	1
JUNIOR					
Education 313 Classroom Management	(3-0)	3	Education 343 Child Psychology	(3-0)	3
Economics 313 Survey of Economics	(3-0)	3	Sociology 323 The Family	(3-0)	3
Biology 314 Bacteriology	(2-4)	4	Education 363 H. E. Methods	(3-0)	3
Clothing 313 Children's Clothing	(1-4)	3	Clothing 323 Adv. Cloth. Construction	(1-4)	3
House 312 Planning & Furnishing	(2-0)	2	House 322 Management	(2-0)	2
Physical Ed. 111 Freshman Practice	(0-3)	1	Art 322 Art Structure	(0-4)	2
SENIOR					
*Education 401 H. E. Problems	(1-0)	1	H. E. Agri. 422	(2-0)	2
			Home Nursing 422	(2-0)	2
**Education 403 Student Teaching	(1-5)	3	Foods 423 Advanced Nutrition	(1-4)	3
**House 403 Practice House & Family Relationships	(1-4)	3	Art 422 Applied Art	(0-4)	2
Parental Ed. 413 Child Care & Training	(3-0)	3	Clothing 423 Problems in Advanced Clothing	(1-4)	3
Foods 413 Advanced Nutrition	(1-4)	3	Electives:		
Parental Ed. 411 Nursery School Observ.	(1-0)	1	Clothing 422 Modeling & Draping	(0-4)	2
Clothing 412 Costume Design	(1-4)	3	Foods 402 Quantity Cooking	(1-2)	2
Electives		2	Clothing 402 Millinery	(0-4)	2

*Taken same semester as student teaching.

**Taken either semester.

ONE AND TWO YEAR COURSES

The one and two year courses are offered for the benefit of three 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 phase of home economics with a view to following it as a trade, (2) For those who are engaged in some trade, but who feel the need of acquiring more skill and efficiency in the work in which they are at present engaged, (3) For the benefit of those who are deficient in college entrance.

English, Mathematics, and general science related to the course will be required of all students who register for the one and two year courses. The greater part of the time will be spent in doing the practical work in the field in which the individual is interested. Other subjects will be arranged according to the needs of the students.

Beauty Culture (One Year)

The object of this course is to fit the student for work in beauty parlors in our large cities and also to prepare her to take complete charge of this class of work in small towns throughout the State.

BEAUTY CULTURE.—Practice work will be given in all phases of beauty culture and will include a knowledge and care of equipment and shop cleanliness and shop management.

Dying and Cleaning (Two Years)

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

DYING AND CLEANING.—Practice work will be given in all phases of dying and dry cleaning, and will include a knowledge of the operation of a shop.

Dying and Cleaning (Two Years)

The purpose of this course is to prepare the student to become a practical dressmaker and garment repairer.

DRESSMAKING.—This course includes the use of commercial patterns, drafting and designing, constructing and renovating garments of various types, also practice in shop management.

Cooking (Two Years)

The object of this course is to prepare the student who will not only be a competent cook, but will also be able to manage cafeterias, resturants, lunch rooms, and to take care of parties.

COOKING.—Practice work will be given in planning and preparing meals for all occasions.

Housemaids (Two Years)

The object of this course is to prepare maids who are skillful, responsible and intelligent.

HOUSEMAID.—This course includes the performance of household duties in a systematic manner.

DESCRIPTION OF COURSES

Department of Home Economics Education

RURAL EDUCATION.—See Division of A. & S., Education 223.

HOME ECONOMICS EDUCATION.— See Division of A. & S. Education 363.

HOME ECONOMICS PROBLEMS.—See Division of A. & S. Education 401.

TEACHING HOME ECONOMICS SUBJECTS.—See Division of A. & S. Education 403.

Department of Applied and Related Art

ART 312, 322.—Art Structure. (0-4) Credit 2 each semester.
A knowledge of line, dark and light, and color for an understanding of art principles and color which may be applied to the home, school, dress and application of the principles of design and color to practical and aesthetic value.

ART 422.—Applied Art. (0-4) Credit 2. II.
Methods in developing original experiences. It is parallel with advanced clothing.

Department of Child Training and Health

PARENTAL EDUCATION 413.—Child Care and Training. (3-0) Credit 3. I.
A study of the growth and development of the child.

PARENTAL EDUCATION 401.—Nursery School Observation. (1-0) Credit 1. I. or II.
Play activities and habit formation noted.

HOME NURSING 422. (2-0) Credit 2. I.
Elementary methods of preventing diseases and care for the sick in the home.

Department of Foods

FOODS 213.—Elementary Nutrition. (1-4) Credit 3. I.
Students learn the relation between food and health. Etiquette in various methods of preparing and serving meals is emphasized.

FOODS 223.—Food Problems. (1-4) Credit 3. II.
Classification, composition, occurrence, general properties of food, 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.

FOODS 413, 423.—Advanced Nutrition. (1-4) Credit 3 each semester.
Food constituents, their occurrence 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.

FOODS 422.—Home Economics Agriculture. (2-0) Credit 2. II.
The study of poultry, home dairying, and gardening.

FOODS 402.—Quantity Cookery. (1-2) Credit 2. I. or II.
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.

Department of Clothing

CLOTHING 123.—Textiles and Clothing. (1-4) Credit 3. II.
A study of commercial patterns based on the principles of drafting; principles of the proper selection and care of fabrics and clothing.

CLOTHING 313.—Children's Clothing. (1-4) Credit 3 I.
This course deals with the problems involved in the selection and construction of garments for children and infants.

CLOTHING 323.—Advanced Garment Construction. (1-4) Credit 3. II.
Practice in the application of the principles of costume design; the development of technique in the construction of various types of garments.

CLOTHING 423.—Advanced Problems in Clothing. (1-4) Credit 3. II.
Designed for those who plan to major in clothing; includes modeling and draping with the use of the dress forms.

CLOTHING 402.—Millinery. (0-4) Credit 2. I or II.
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.

CLOTHING 422.—Modeling and Draping. (0-4) Credit 2. I or II.
Advanced course in specialized clothing problems. Elective.

CLOTHING 412.—Costume Design. (0-4) Credit 2. I.
Design and its direct relation to clothing. It is based upon Art 312 and 322 and is a prerequisite to Clothing 423.

Department of the House

THE HOUSE 312.—House Planning, Furnishing. (2-0) Credit 2. I.
Gives the student a practical knowledge in development and judging house plans for specific locations and those adapted to meet the needs of groups of varying income levels.

THE HOUSE 322.—Household Management. (2-0) Credit 2. II.
This course is designed to give the student an opportunity to study some of the financial problems of the home.

THE HOUSE 403.—Supervised Household Management—Practice House. (1-14) Credit 3. I. or II.

Gives the student experiences in group living and opportunities to practice skills and techniques. A course of six weeks duration.

DIVISION OF MECHANIC ARTS

J. J. Abernethy, B. S. in M. E., Director

C. L. Wilson, M. E.
D. F. White, B. S. in A. E.
F. G. Fry, B. S. in E. E.
N. A. Jones
R. F. Johnson
Wm. Cook
J. M. Wilson

I. L. Jacquet
Sadie Allen Johnson
A. G. Cleaver
Edward Johnson
T. H. Brittain
Henrietta Farrell, B. S.
Chas. G. Oler

D. W. Martin, B. S.

Aims of the Division

The Division offers four-year curricula in Mechanic Arts and Industrial Education. Besides the four-year professional curricula, the division offers one, two and three-year courses in trades.

Mechanic Arts

The course in Mechanic Arts is designed to give a thorough training in fundamental principles of engineering and industry. The main object is to have so trained the student that it will give him a broader view of the whole industrial system.

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

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

Industrial Education

The four-year course leadig 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.

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.

Trade courses vary in length 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 to 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, and 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

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 be approximately $18.00

OUTLINE OF COURSES IN MECHANIC ARTS DIVISION

MECHANIC ARTS

FRESHMAN

First Semester		Sem. Hrs.	Second Semester		Sem. Hrs.
English 113 Comp. & Rhetoric	(3-0)	3	English 123 Comp. & Rhetoric	(3-0)	3
Education 113 Intro. to Education	(3-0)	3	Education 123 Psychology of Elementary School Subjects	(3-0)	3
Chemistry 114 Inorganic	(2-4)	4	Chemistry 134	(2-4)	4

First Semester		Sem. Hrs.	Second Semester		Sem. Hrs.
Mathematics 113 College Algebra	(3-0)	3	Qualitative Analysis		
Mechanic Arts 112 Engineering Drawing	(0-4)	2	Mathematics 123 Trigonometry	(3-0)	3
Military Science 111 Infantry	(1-2)	1	History 103 Constitutional History	(3-0)	3
			Mechanic Arts 121 Descriptive Geometry	(0-2)	2
			Military Science 121 Infantry	(1-2)	1
SOPHOMORE					
Education 233 Elem. School Methods	(3-0)	3	Psychology 203 General Psychology	(3-0)	3
Physics 214 General Physics	(2-4)	4	Physics 224 General Physics	(2-4)	4
Mathematics 213 Analytic Geometry	(3-0)	3	Mathematics 223 Calculus I.	(3-0)	3
Mechanic Arts 213 Mechanism	(3-0)	3	Mechanic Arts 223 Elem. of Steam & Gas	(3-0)	3
Mechanic Arts 232 Machine Drawing	(0-4)	2	Mechanic Arts 263 Surveying	(0-6)	3
Military Science 211 Infantry	(1-2)	1	Military Science 221 Infantry	(1-2)	1
JUNIOR					
Education 313 Classroom Management	(3-0)	3	Education 333 Methods in Sec. Ed.	(3-0)	3
Mathematics 313 Calculus II.	(3-0)	3	Mechanic Arts 383 Heat Engines	(2-2)	3
Mechanic Arts 313 Applied Mechanics	(3-0)	3	Mechanic Arts 323 Strength of Materials	(3-0)	3
Mechanic Arts 333 Architectural Drawing	(0-6)	3	Mechanic Arts 343 Architectural Drawing	(0-6)	3
Chemistry — Ferrous Metallurgy		3	Mechanic Arts 363 Electricity	(3-0)	3
Military Science 311 Advanced Infantry	(1-2)	2	Military Science 321 Advanced Infantry	(1-2)	1
SENIOR					
Mechanic Arts 413 Hydraulics	(3-0)	3	Mechanic Arts 423 Reinforced Concrete	(3-0)	3
Mechanic Arts 433 Heat. and Ventilation	(3-0)	3	Mechanic Arts 443 Design	(0-6)	3

First Semester		Sem. Hrs.	Second Semester		Sem. Hrs.
Mechanic Arts 412 Graphic Statics	(0-4)	2	Mechanic Arts 483 Estimating	(2-2)	3
Mechanic Arts 493 Business Law	(3-0)	3	Mechanic Arts 422 Business Law	(2-0)	2
Education 453 Vocational Education	(3-0)	3	Education 483 Practice Teaching	(1-5)	3
Mechanic Arts 473 Communicative Eng.	(3-0)	3	Mechanic Arts 463 Shop Management	(3-0)	3
Military Science 411 Advanced Infantry	(1-2)	1	Military Science 421 Advanced Infantry	(1-2)	1

NOTE:—Shopwork is required in Freshman, Sophomore, and Junior years. Seminar work is required both semesters of the Junior year. All Seniors must present satisfactory theses.

INDUSTRIAL EDUCATION

FRESHMAN

(Same as for Mechanic Arts)

SOPHOMORE

Education 233	(3-0)	3	Education 273	(3-0)	3
English 233 Journalism	(3-0)	3	English 223 English Literature	(3-0)	3
Physics 214	(2-4)	4	Physics 224	(2-4)	4
Mechanic Arts 232 Mechanical Drawing	(0-4)	2	Mechanic Arts 242 Mechanical Drawing	(0-4)	2
Military Science 211 Infantry	(1-2)	2	Military Science 221 Infantry	(1-2)	2
Electives		2	Electives		2

JUNIOR

Education 313	(3-0)	3	Education 333	(3-0)	3
Education 393	(3-0)	3	Education 383	(3-0)	3
Economics 313 Intro. to Economics	(3-0)	3	Government 323 Civics	(3-0)	3
Government 353 Amer. Indus. History	(3-0)	3	Industrial Ed. 363 Vocat. Guidance	(3-0)	3
Mechanic Arts 333 Architectural Drawing	(0-6)	3	Economics 363 Prin. of Economics	(3-0)	3
Military Science 311 Advanced Infantry	(1-2)	2	Mechanic Arts 343 Architectural Drawing	(0-6)	3
			Military Science 321 Advanced Infantry	(1-2)	2

SENIOR

First Semester		Sem. Hrs.
Industrial Ed. 413 Organization & Manag.	(3-0)	3
Education 453	(3-0)	3
Industrial Ed. 433 Trade Analysis	(3-0)	3
Industrial Ed. 412 Shop Work	(0-4)	2
Military Science 411	(1-2)	1
Elective		4

Note: Theses required of Seniors.

Second Semester		Sem. Hrs.
Advanced Infantry Mechanic Arts 463 Shop Management	(3-0)	3
Industrial Ed. 423 Job Analysis	(3-0)	3
Industrial Ed. 443 Course Making	(3-0)	3
Industrial Ed. 422 Shop Work	(0-4)	2
Military Science 421 Advanced Infantry	(1-2)	1
Elective		4

TRADE COURSES

(The following trade courses are outlined for students in the junior and senicr high school classes and any others who desire to take a straight trade course. "Hrs." represent clock hours per week devoted to subjects. No college credit allowed.)

Auto Mechanics
Two Years

Subject	Hrs.
Shop Practice	15
Drawing	6
Mathematics	4
English	3
Science	2

Brick Masonry & Plastering
Three Years

Shop Practice	15
Drawing	6
Mathematics	4
English	3
Science	2

Carpentry & Cabinet Making
Three Years

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

Electrical Repair Work
Two Years

Shop Practice	15
Drawing	6
Mathematics	4
English	3
Science	2

Machine Shop Practice
One Year

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

Plumbing & Steam Fitting
Three Years

Shop Practice	15
Drawing	6
Mathematics	4
English	3
Science	2

Shoe Making
Two Years

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

Stationary Engineering
Two Years

Shop Practice	15
Drawing	6
Mathematics	4
English	3
Science	2

Tailoring & Garment Making
Three Years

Shop Practice	15
Drawing	6
Mathematics	4
English	3
Science	2

The Division of Mechanic Arts has the following shops fully equipped with the most modern machinery for instruction: Auto Mechanics; Broom and Mattress Making; Electrical Repair; Engineering and Construction; Laundering; Brickmasonry; Plumbing and Heating; Printing, Shoemaking; Tailorig; Carpentry.

DESCRIPTION OF COURSES OF STUDY

DEPARTMENT OF MECHANIC ARTS

MECHANIC ARTS 112.—Engineering Drawing. (0-4) Credit 2. I. Selection and use of drawing instruments, construction of geometrical figures, lettering, orthographic projections, etc.

MECHANIC ARTS 121.—Descriptive Geometry. (0-2) Credit 1. II. More advanced problems than Engineering Drawing. Practical applications of the principles involved. Prerequisite: Engineering Drawing 112.

MECHANIC ARTS 212.—Machine Drawing. (0-4) Credit 2. I. Parallel conventional representations, detail and assembly working drawings modern drafting room systems. Prerequisite: Descriptive Geometry 121.

MECHANIC ARTS 213.—Mechanism. (3-0) Credit 3. I. Principles underlying the actions of the elementary combinations of all machines. Prerequisites: Plane Trigonometry and Descriptive Geometry 121.

MECHANIC ARTS 223.—Elements of Steam and Gas Power. (3-0) Credit 3. II.
Elementary study of steam engines, turbines, boilers, power-plant auxiliaries, gas and oil engines, natural and manufactured gas, and the elements of automotive engineering.

MECHANIC ARTS 232, 242.—Mechanical Drawing. (0-4) Credit 2 each semester.
Projection drawing, developments, intersections, and the elements of sheet metal drafting. Prerequisite: Descriptive Geometry 121. Second semester: machine drawing, working drawings, and elements of cabinet drawing.

MECHANIC ARTS 263.—Surveying. (0-6) Credit 3. II.
Elementary surveying problems; in field methods. Prerequisite or parallel: Plane Trigonometry and Engineering Drawing 112.

MECHANIC ARTS 313.—Applied Mechanics. (3-0) Credit 3. I.
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. Prerequisite: Calculus 223 and Physics 225.

MECHANIC ARTS 323.—Strength of Materials. (3-0) Credit 3. II.
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. Prerequisite: Applied Mechanics 313.

MECHANIC ARTS 333, 343.—Architectural Drawing. (0-6) Credit 3 each semester.
A study of the architectural conventions and details; building materials, special attention to the development of a high standard of lettering and draftsmanship. Prerequisite: Descriptive Geometry 121. Second semester: Preparing working drawings and specifications for residences and other small buildings.

MECHANIC ARTS 363.—Electricity. (3-0) Credit 3. II.
The fundamental principles of direct current and alternating current electricity with their various applications; installation, operation, and care of electrical machinery. Prerequisite: Physics 225 and Calculus 313.

MECHANIC ARTS 383.—Heat Engines. (2-2) Credit 3. II.
Heating power engineering including thermodynamics, steam engines, boilers, turbines, internal combustion engines, fuel and combustion, power plant equipment, and air compressors. Prerequisites: Physics 225 and Calculus 313.

MECHANIC ARTS 413.—Hydraulics. (3-0) Credit 3. I.
The laws governing the action of water at rest and in motion, as related to engineering problems; the measurement of the flow of water and its measurement; the description and theory of impulse wheels, reaction turbines, and centrifugal pumps. Prerequisite: Applied Mechanics 313.

MECHANIC ARTS 422. Engineering English. (2-0) Credit 2. II.
The general problems of engineering writing.

MECHANIC ARTS 423.—Reinforced Concrete. (3-0) Credit 3. II.
Theory and design of reinforced concrete footings, floor slabs, beams and columns; forming, proportioning and placing. Prerequisite: Strength of Materials 323.

MECHANIC ARTS 432.—Graphic Statics. (0-4) Credit2. I.
Prerequisite: Applied Mechanics 313—Mathematical and Graphical solution of stresses in framed structures under static loading; practical problems of various types of construction.

MECHANIC ARTS 433.—Heating and Ventilation. (3-0) Credit 3. I.
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.

MECHANIC ARTS 443.—Design. (0-6) Credit 3. II.
Elementary principles of architectural design as applied to residences and small properties. Prerequisite: Architectural Drawing 323.

MECHANIC ARTS 463.—Shop Management. (3-0) Credit 3. II.
Organization, shop location, arrangement of machinery and service equipment, orders, records, purchasing, storing, planning, routing, scheduling, and general management.

MECHANIC ARTS 473.—Communicative Engineering. (3-0) Credit 3. I.
Magneto, common battery, and automatic telephone systems are studied. Special emphasis is placed on the installation and repair of telephone equipment; fundamentals of radio receiving sets. Prerequisite: Electricity 323.

MECHANIC ARTS 483.—Estimating. (2-2) Credit 3. II.
Estimating material quantities; preparation of preliminary estimates of cost from sketch plans; preparation of detailed estimates of cost from complete working drawings and specifications.

MECHANIC ARTS 493.—Business Law. (3-0) Credit 3. I.
This course is designed to give the student a general knowledge of contracts, agency, partnership, negotiable instruments, patent law, and trade marks. Prerequisite: Senior classification.

MECHANIC ARTS.—Shop Work. (Required) (0-8) Credit 4. II.
The student in Mechanic Arts may elect shop work from any of the trade departments as described in the following pages. This, however, should be made in consultation with the Director at the beginning of each quarter.

MECHANIC ARTS.—Seminar. (1-0) No Credit I, II.
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. Inspection trips to nearby industrial centers are made during the senior year. All senior students are required to go on inspection trips.

DEPARTMENT OF INDUSTRIAL EDUCATION

INDUSTRIAL EDUCATION 363.—Vocational Guidance. (3-0) Credit 3. II.

A survey of the recent development of educational and vocational guidance within and outside of the schools; analysis of personal characteristics; value of cumulative school records; methods of keeping records; optional guidance through literature; a study of physiological industrial and commercial tests.

INDUSTRIAL EDUCATION 412, 422.—Shop Work. (0-4) Credit 2 each semester.

Students in Industrial Education will select some trade in which to specialize.

INDUSTRIAL EDUCATION 413.—Organization and Management in Industrial Education. (3-0) Credit 3. I.

Problems in organization and managing industrial schools and departments; making surveys.

INDUSTRIAL EDUCATION 433.—Trade Analysis. (3-0) Credit 3. I.

The student must know a trade which will be divided into its several parts, as: units, operations, jobs, sciences, mathematical contents, etc. This material will then be organized in teachable form.

INDUSTRIAL EDUCATION 423.—Job Analysis. (3-0) Credit 3. II.

A study of the division of trades.

INDUSTRIAL EDUCATION 443.—Course Making. (3-0) Credit 3. II.

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.

DEPARTMENT OF TRADE COURSES

Automotive Science

AUTOMOTIVE SCIENCE.—The underlying principles governing the operation of the Internal Combustion Engine, the study of the function of other units of automotive equipment and of auxiliary electrical equipment. Two double periods weekly.

SHOP MATHEMATICS.—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.

Note: A similar course is required of all students in other trade courses.

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.

SHOP PRACTICE.—Sufficient equipment is available to enable students to receive ample practice in the dissembly and the repair of all chassis units.

AUTOMOTIVE BLACKSMITHING.—Automotive Blacksmithing gives the student sufficient knowledge of blacksmithing to enable him to handle jobs requiring the aid of a blacksmith.

ELEMENTARY MACHINE SHOP PRACTICE.—This course covers bench work, vise work, chipping, filing, arbor press work, power hack saw work, drilling, tapping, threading, grinding, etc.

ELECTRICAL REPAIRS.—The student is given practice in the repair of the various types of ignition systems, magnetos, starting motors, generators and electrical control devices as well as sufficient road work in trouble shooting incident to same.

OXY-ACETYLENE WELDING.—During some part of the last semester each student will be taught the fundamental principles of oxy-acetylene welding as well as given sufficient practice in welding light cast, heavy cast, steel, brass, copper and aluminum, as to form the foundation of future specializations. Soldering will be included.

Brickmasonry

The purpose of this course is to train bricklayers and foremen. The course is outlined to cover a period of three years.

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 time alloted to the course is given to actual Trade Practice.

Broom and Mattress-making

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 finishing hand work necessary to the manufacture of high grade brooms. The course also includes estimating accurately the amount of work 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 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 estimate 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.—Names and uses of the drawing instruments, lettering, geometrical problems, projects of simple solids, orthographic projection, pictorial drawing, tracing, blue print reading, furniture design and 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.

Note.—A similar course is required of all students in Auto Mechanics, Laundering, Plumbing, Machine Shop, Printing, and Tailoring.

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 turning.

Electrical Repair Work

The course is outlined to cover a period of eighteen months. It includes the study of 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 buring, testing, Cadium, Watt-hour, specific gravity, method of sealing, charging and discharging, building the complete battery, the 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 large cities and also to prepare him to take complete charge of this class of work in small towns.

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.

SCIENCE.—The 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.

TEXTILES.—The manufacture of cotton, linen, silk and woolen garments is studied in order that the structure will be understood and the proper method of laundering chosen.

Course in Machine Shop Estimating

SHOP PRACTICE.—This course aims to provide the thorough training required of a competent all-round machinist. The instruction consists of shop work and lectures

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.

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 placings 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.

Printing

The Printing Department aims to give its students thorough training in the fundamental operations in the practice of printing. As far as possible individual instruction is given each student.

SCIENCE.—Chemistry as it relates to printing, elementary physics.

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.

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 care for the class of work found in the average town or city.

DRAWING AND PATTERN MAKING.—This course includes the use of instruments, lettering and sketching, orthographic projection, and development of intersection with practical application in shoemaking. It includes the making of patterns from measurements and fittings.

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 AND ACCOUNTING.—The proper shop accounting is taught in this course. Record keeping, estimating, cost finding and purchasing are also given in order that the student may be able to conduct the trade on sound business principles.

Note: A similar course is required of students in Laundry, Printing and Tailoring.

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.

Machine Shop Practice includes practice in shaping, filing babbitting, soldering, drilling and turning; practice in cutting and threading pipe, connecting boilers, engines and pumps to water and steam lines; practice in heating, drawing out, bending, upsetting, welding, tempering and hardening of iron and steel and making of small tools; 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; 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; practice in operation and maintenance of ice making and refrigerating machinery. This course also includes the study of the various types of boilers, steam engines and auxiliaries.

DRAWINGS.—This course includes the use of instruments, sketching, orthographic projection, and machine drawing and standards.

ESSENTIALS OF ELECTRICITY.—In this course fundamental principles underlying alternate and direct current and a few industrial applications will be given.

Tailoring

The object of this course is to prepare the student to become a practical tailor and garment repairer.

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.

TEXTILES.—A study of serge and worsteds as to their manufacture, use and proper methods of working 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.

DIVISION OF NURSING EDUCATION

J. M. Franklin, M. D., Director and Resident Physician

L. R. Carraway, M. D.
R. Walter Johnson, M. D.
M. S. Brannon, R. N.
B. K. Williams, R. N.
W. M. Jones
M. A. Watson
Alvin K. Smith, D. D. S.
H. C. Fitzgerald, Ph. C.

The Nursing Education Division offers two courses of study, one

over a period of five years leading to a Bachelor of Science degree and a Diploma in Nursing, the other over a period of three years leading to a Diploma only.

The school of Nursing has affiliation with the Jefferson Davis Hospital, Houston, Texas, enabling nurses to get experience in pediatrics and obstetrical nursing. The time required in these branches of nursing is six months. Upon completion of either course the three years' nurse is eligible to take the Nurses' State Board Examination.

Requirements for Admission

Applicants desiring to enter this Division must meet the same entrance requirements demanded of applicants in other divisions of the College and must be between the ages of eighteen and thirty-five. Preference will be given to applicants with training superior to the above. Aside from educational qualifications, the applicant must have good health and morals. High school transcripts are approved by the School and State Board of Nurse Examiners. After approval of transcripts, applicant will be advised to report to the hospital on September first.

Necessary Articles

Applicants are required to bring the following articles: four sheets, three pillow cases, one pillow, sufficient cover, three gingham dresses, an umbrella, rain coat, overshoes, low heel black kid oxfords with rubber heels, and other necessities. Two spreads, four hand towels, four bath towels, a work-box containing articles for mending, a cheap watch with a second hand, and a clinical thermometer.

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 three weeks is given the first and second year, and two weeks will be given the third year.

Instruction

Systematic courses of lectures, classes and demonstrations are conducted by the hospital staff and faculty. The outline of the course of study is as follows:

OUTLINE OF FIVE-YEAR COURSE OF STUDY

FIRST YEAR

		Sem. Hrs.			Sem. Hrs.
English 113 Composition	(3-0)	3	English 123 Composition	(3-0)	3
Education 113 Intro. to Education	(3-0)	3	Education 123 Prin. of Elem. Educa.	(3-0)	3
History 103 Constitutions	(3-0)	3	Psychology 203 General Psychology	(3-0)	3
Chemistry 114 General Chemistry	(2-4)	4	Chemistry 124 General Chemistry	(2-4)	4
Nursing Education 132 History & Ethics of Nursing	(3-0)	3	Nursing Ed. 103 Bacteriology	(2-2)	3
Physical Ed. 111 Freshman Practice	(0-3)	1	Physical Ed. 121 Freshman Practice	(0-3)	1

SECOND YEAR

English 213	(3-0)	3	English 223 Literature	(3-0)	3
Nursing Ed. 113 Prin. and Practices of Nursing	(3-0)	3	Nursing Ed. 153 Materia Medica	(3-0)	3
Nursing Ed. 153 Anatomy and Physiology		3	Nursing Ed. 163 Anatomy & Physiology		3
Nursing Ed. 373 Medical Nursing	(2-0)	2	Nursing Ed. 322 Surgical Nursing	(2-0)	2
Nursing Ed. 311 Case Study	(1-0)	1	Nursing Ed. 352 Gynecology	(2-0)	2
Nursing Ed. 332 Advanced Ethics	(1-2)	2	Sociology 213 Intro. to Sociology	(3-0)	3

THIRD YEAR

Nursing Ed. 324 Obstetrical Nursing	(1-6)	4	Nursing Ed. 321 Drugs & Solutions	(0-2)	1
Nursing Ed. 412 Surgical Specialties	(1-2)	2	Nursing Ed. 422 Medical Specialties	(2-0)	2
Nursing Ed. 452 Psychiatric Nursing	(2-0)	2	Nursing Ed. 421 Eye, Ear Nose, Throat	(1-0)	1
Nursing Ed. 432 Emergency & First Aid	(2-0)	2	Nursing Ed. 442 Modern Social and Health Movements	(2-0)	2
Nursing Ed. 472 A survey of the nursing	(2-0)	2	Nursing Ed. 122	(2-0)	2

		Sem. Hrs.			Sem. Hrs.
field and Professional problems			Hygiene & Sanitation		
Nursing Ed. 344 Pediatrics and Infant Feeding	(1-6)	4	Nursing Ed. 312 Advanced Nursing	(2-0)	4
			Chemistry Nursing Chemistry	(2-4)	4
			FOURTH YEAR		
			Nursing Ed. 402 Elementary Pathology	(1-2)	2
			Nursing Ed. 4x2 Prin. and Prac of Dietotherapy	(2-2)	3
Jefferson Davis Hospital (Either Semester)			Nursing Ed. 401 Prin. of Dermatology and Tuberculosis	(1-0)	1
			Nursing Ed. 406 Operating room, Technique & Nursing Procedures	(2-4)	4
			Economics 313 Prin. of Economics	(3-0)	3
			FIFTH YEAR		
Parental Ed. 413 Child Care	(3-0)	3	Elective		3
Education 333 Modern Methods in High School	(3-0)	3	Education 203 Elem. Prac. Teaching	(1-5)	3
Nursing Ed. 513 Ward Management	(3-0)	3	Nursing Ed. 523 Ward Management	(3-0)	3
History 313 U. S. History	(3-0)	3	History 323 U. S. History	(3-0)	3
Education 463 Mental Adjustment	(3-0)	3	Sociology 223 Race Relations	(3-0)	3

OUTLINE OF THREE-YEAR COURSE OF STUDY

			FRESHMAN		
English 113 Comp. & Rhetoric	(3-0)	3	English 123 Comp. & Rhetoric	(3-0)	3
Chemistry Nursing	(2-4)	4	Nursing Ed. 122 Bacteriology for Nurses	(2-2)	2
Nursing Ed. 113 Prin. & Prac. of Nursing	(3-0)	3	Nursing Ed. 122 Hygiene & Sanitation	(2-0)	2

First Semester		Sem. Hrs.	Second Semester		Sem. Hrs.
Nursing Ed. 132 Ethics & Hist. of Nursing	(2-0)	2	Nursing Ed. 123 Prin. & Pract. of Nursing	(3-0)	3
Nursing Ed. 153 Anatomy & Physiology	(2-2)	3	Nursing Ed. 143 Applied Psychology	(3-0)	3
Nursing Ed. 133 Dietetics	(1-4)	3	Nursing Ed. 163 Anatomy & Physiology	(2-2)	3
Physical Ed. 133			Nursing Ed. 153 Materia Medica	(3-0)	3
			JUNIOR		
Nursing Ed. 373 Medical Nursing	(2-0)	2	Nursing Ed. 352 Gynecology	(2-0)	2
Nursing Ed. 311 Case Study	(1-0)	1	Nursing Ed. 312 Advanced Nursing	(1-2)	2
Nursing Ed. 332 Advanced Ethics	(2-0)	2	Nursing Ed. 322 Surgical Nursing	(2-0)	2
Nursing Ed. 344 Pediatrics & Infant Feeding	(1-6)	4	Nursing Ed. 321 Drugs & Solutions	(0-2)	2
Nursing Ed. 324 Obstetrical Nursing	(1-6)	4			
			SENIOR		
Nursing Ed. 412 Surgical Specialties	(1-2)	2	Nursing Ed. 422 Medical Specialties	(2-0)	2
Nursing Ed. 452 Psychiatric Nursing	(2-0)	2	Nursing Ed. 421 Nursing in Diseases of Eye, Ear, Nose & Throat	(1-0)	1
Nursing Ed. 432 Emergency Nursing and First Aid	(2-0)	2	Nursing Ed. 442 Modern Social & Health Movements	(2-0)	2
Nursing Ed. 431 Survey of the Nursing Field & Professional Problems	(1-0)	1	One semester will be spent in Jefferson Davis Hospital, Houston, Texas.		

DESCRIPTION OF COURSE OF STUDY

PHYSICAL EDUCATION 111, 121.—See Division of Arts and Sciences.

NURSING EDUCATION 113, 123.—Principles and Practices of Nursing. (3-0) Credit 3 each semester.

This course gives a clear understanding of the fundamental principles of good nursing. Helps to develop the habits of observation, system economy, manual dexterity, a love for nursing, and pride in good workmanship.

NURSING EDUCATION 121.—Urinalysis. (1-0) Credit 1. II.

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.

NURSING EDUCATION 122.—Hygiene and Sanitation. (2-0) Credit 2. II.

To impress upon the student the importance of good health and formation of sound health habits. Furthermore to recognize the importance of the opportunities of the nurse as a teacher of personal and public hygiene. Required of all students intending to major in Physical Education.

NURSING EDUCATION 132.—Ethics and History of Nursing. (2-0) Credit 2. II.

To inculcate into the student the ethics of Florence Nightingale and to teach the proper behavior with a formulation of a clear and more definite philosophy of life. Secondary, 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.

NURSING EDUCATION 133.—Dietetics. (1-4) Credit 3. I.

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.

NURSING EDUCATION 143.—Applied Psychology for Nurses. (3-0) Credit 3. II.

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.

NURSING EDUCATION 153, 163.—Anatomy and Physiology. (3-0) Credit 3 each semester.

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.

NURSING EDUCATION 183.—Materia Medica. (3-0) Credit 3. II.

This course enables the nurse to administer 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.

NURSING EDUCATION 311.—Case Study. (1-0) Credit 1. I.

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.

NURSING EDUCATION 312.—Advanced Nursing. (1-2) Credit 2. II.

This course is a continuation of general nursing procedures requiring more skill and greater effectiveness.

NURSING EDUCATION 321.—Drugs and Solutions. (1-2) Credit 2. II.

To teach the student how to make and use solutions properly. To point out the essential value of a thorough knowledge of solutions as to strength and therapeutic effect.

NURSING EDUCATION 322.—Surgical Nursing. (2-0) Credit 2. II.

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.

NURSING EDUCATION 324.—Obstetrical Nursing. (1-6) Credit 4. II.

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 parturition. Six months affiliation with Jefferson Davis Hospital in theory and practice of obstetrics.

NURSING EDUCATION 332,—Advanced Ethics. (2-0) Credit 2. I.

To give advanced ethical procedure in nursing, and discuss advanced ethical problems.

NURSING EDUCATION 344.—Pediatrics and Infant Feeding. (1-6) Credit 4. II.

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.

NURSING EDUCATION 352.—Gynecology. (2-0) Credit 2. I.

The object is to give a minute knowledge of the anatomy of the female pelvic organs, a study of the diseases of same, their causes, symptoms, medical and surgical treatments, and nursing care.

NURSING EDUCATION 372.—Medical Nursing. (2-0) Credit 2. II.

The study of general disease is made and special attention is given to the causes, symptoms, prevention and treatments of common diseases. Secondly, enables students to recognize their symptoms and to see the effects of treatment.

NURSING EDUCATION 432.—Emergency Nursing and First Aid. (2-0) Credit 2. I.

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.

NURSING EDUCATION 412.—Surgical Specialties. (2-0) Credit 2. II.
To teach operating technique in orthopedics, gynecology and urology.

NURSING EDUCATION 421.—Nursing in Diseases of the Ear, Eye, Nose and Throat. (1-0) Credit 1. II.
This course is a study of the sense, abnormalities, treatments and nursing care of diseases of these organs.

NURSING EDUCATION 422.—Medical Specialties. (2-0) Credit 2. II.
Objects: (1) To teach the principles underlying prevention and control of communicable disease. (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 and community. (5) To show the need of education of the public in preventive hygiene.

NURSING EDUCATION 451.—Psychiatric Nursing. (2-0) Credit 2. I.
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 interest in and a more sympathetic understanding of human nature.

NURSING EDUCATION 432.—Survey of Nursing and Related Professional Problems. (2-0) Credit 2. I.
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.

NURSING EDUCATION 442.—Civic Sociology; Modern and Social Health Movements. (2-0) Credit 2. II.
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.

ENGLISH.—See Division of A. & S.—English 113, 123, 213, 223.

NURSING EDUCATION 103.—Bacteriology for Nurses. (2-2) Credit 3. I.
A general course with special emphasis on Nursing needs.

NURSING EDUCATION 401.—Dermatology and Tuberculosis. (1-0) Credit 1. I or II.
Nursing care of the more common skin diseases; prevention and nursing care of tuberculosis.

NURSING EDUCATION 402.—Elementary Pathology. (1-2) Credit 2. I or II.
A course dealing with processes of degeneration and regeneration; preparation; examination, and record of results of laboratory tests.

NURSING EDUCATION 4X2.—Dietotherapy. (2-2) Credit 3. I or II.

The underlying principles of the dietary treatment of diseases together with their application.

NURSING EDUCATION 403.—Teaching of Nursing Principles and Methods. (3-0) Credit 3. I or II.
Consideration will be given to the scientific principles underlying nursing technique, methods of teaching as applied to this subject selection and organization of subject matter, and the planning of lessons and demonstrations.

NURSING EDUCATION 513, 523.—Ward Management. (3-0) Credit 3 each semester.
The underlying principles and methods of ward administration.

FIRST SEMESTER 1932-33

ABBREVIATIONS: Ag.—Agriculture; A. & S.—Arts and Sciences; H. E.—Home Economics; M. A.—Mechanic Arts; N. E.—Nursing Education; I. A.—Industrial Arts.

FRESHMEN

Name	Division	Address
Adams, Lyndell	A. & S.	Greenville, Texas
Ard, Soloman	A. & S.	E. Chicago, Ind.
Askey, Ruby Faye	A. & S.	Fort Worth, Texas
Avery, Leonard	A. & S.	Dallas, Texas
Baldridge, Arthur B.	A. & S.	Bay City, Texas
Barrett, Annie L.	H. E.	Liberty, Texas
Barrett, Clara B.	A. & S.	Liberty, Texas
Batteau, Sutton	A. & S.	Fort Worth, Texas
Batts, Margaret	N. E.	Dallas, Texas
Batts, William	A. & S.	Hammond, Texas
Bell, Pinkston	M. A.	Houston, Texas
Bell, Velma Mae	H. E.	Houston, Texas
Berry, Blanche Alice	A. & S.	Fort Worth, Texas
Berry, Thelma Mae	H. E.	Grayburg, Texas
Beverly, Bernice	A. & S.	San Antonio, Texas
Bird, Birches	A. & S.	Dallas, Texas
Black, Timothy	M. A.	Houston, Texas
Bolden, Georgia	A. & S.	Dallas, Texas
Booker, Leon	A. & S.	Palestine, Texas
Brannon, Mae Ruth	H. E.	Prairie View, Texas
Brittain, Lottie	A. & S.	Dallas, Texas
Brown, Lloyd	Ag.	Sealy, Texas
Burns, Wesley	Ag.	Grapeland, Texas
Black, Sylvester	A. & S.	Carthage, Texas
Bradley, Vaddie	A. & S.	Allen, Texas
Cal, Lucile	A. & S.	Crockett, Texas
Carpener, Francis	M. E.	Prairie View, Texas
Carter, Sadie L.	A. & S.	Prairie View, Texas
Cleaver, Ella J.	H. E.	Prairie View, Texas
Coleman, James	Ag.	Cuero, Texas
Collins, Ogeal	H. E.	Mt. Pleasant, Texas
Collins, Rudolph	A. & S.	El Paso, Texas
Cunningham, Elbert	Ag.	Bryan, Texas
Davis, Julia D.	N. E.	Houston, Texas

Name	Division	Address
Davis, Riley	Ag.	Bryan, Texas
Davis, Willie	M. A.	Waco, Texas
Day, Glodine	A. & S.	Corsicana, Texas
Dennard, Clarence	A. & S.	E. Chicago, Ind.
Edwards, Elease	H. E.	Point, Texas
Elder, Lamar	Ag.	Tatum, Texas
Ellis, C. Q.	M. A.	Stoneham, Texas
Elmore, Bennie	Ag.	Cold Springs, Texas
Evans, Glenn	M. A.	Roanoke, Texas
Evans, Mable A.	H. E.	Texas City, Texas
Everett, Stanley	A. & S.	Sherman, Texas
Ferguson, Arzee	H. E.	Kilgore, Texas
Fields, Lillian	A. & S.	Kerens, Texas
Finley, Bossie	A. & S.	Somerville, Texas
Fletcher, Thelma	A. & S.	Somerville, Texas
Fontenot, Allie A.	H. E.	Beaumont, Texas
Fontenot, Nolia	H. E.	Beaumont, Texas
Foster, John Moses	A. & S.	Dallas, Texas
Franklin, Annie E.	A. & S.	Prairie View, Texas
Frazier, Thelma	H. E.	Silsbee, Texas
Fontenot, Walter	Ag.	Raywood, Texas
Gains, Louise, E.	H. E.	Houston, Texas
Garner, Vivian A.	A. & S.	Dallas, Texas
Gibson, Lorene	H. E.	Oakwood, Texas
Gibson, Ruth	A. & S.	Galveston, Texas
Govan, Herman Lee	A. & S.	Dallas, Texas
Grady, Effie	A. & S.	Wichita Falls, Texas
Green, E. M. (Mrs.)	H. E.	Prairie View, Texas
Green, Viola Ethel	H. E.	Clark, Texas
Gee, Ethel L.	H. E.	Galveston, Texas
Guess, Connie	M. A.	Houston, Texas
Hall, Lloyd	Ag.	Navasota, Texas
Handy, Bernard	M. A.	Houston, Texas
Harriford, Clarence	A. & S.	Fort Worth, Texas
Harrison, Grace Louise	A. & S.	Fort Worth, Texas
Hawkins, Sylvester	A. & S.	Mt. Pleasant, Texas
Haws, Maurice	A. & S.	Dallas, Texas
Henderson, Harriet B.	H. E.	Fort Worth, Texas
Herald, A. C.	M. A.	Houston, Texas
Hill, Damon	M. A.	Dallas, Texas
Hilliard, Alice M.	H. E.	Weimar, Texas
Holland, Bernice M.	N. E.	Washington, D. C.

Name	Division	Address
Hoskins, Williams	M. A.	Oklahoma City, Okla.
Hoyt, Gussie M.	H. E.	Longview, Texas
Hynson, Chleo	M. A.	Dallas, Texas
Hubbard, Jettie	H. E.	Waxahachie, Texas
Jackson, Edward	M. A.	Fort Worth, Texas
Jackson, Elouise	A. & S.	Houston, Texas
Jackson, Jessie M.	N. E.	Dallas, Texas
Jackson, John H.	I. A.	Bellville, Texas
Jameson, Bessie	A. & S.	Clay, Texas
Jeffrey, Harley	M. A.	Longview, Texas
Johnson, Audrey	A. & S.	Richmond, Texas
Johnson, Lorenzo	A. & S.	San Antonio, Texas
Johnson, Marian	A. & S.	Fort Worth, Texas
Johnson, Thelmo	Ag.	Gladewater, Texas
Jones, Edward Z.	A. & S.	Galveston, Texas
Jones, Pauline	H. E.	Amarillo, Texas
Kennedy, Willie Mae	A. & S.	Houston, Texas
Kilpatrick, Carlie	A. & S.	Prairie View, Texas
Lee, John C.	M. A.	Houston, Texas
LeGendre, Emma	A. & S.	Cuero, Texas
Lewis, Illma J.	N. E.	Bryan, Texas
Lewis, Merkle	A. & S.	Beaumont, Texas
Mann, Frank C.	M. A.	Houston, Texas
McCarver, Mathew	Ag.	Colorado, Texas
Martin, Butha	A. & S.	Bryan, Texas
Marshall, Annie	A. & S.	Hempstead, Texas
Mason, Leona	H. E.	Waller, Texas
Mason, Lucille	H. E.	Bryan, Texas
Mason, Wilbert	Ag.	Bryan, Texas
Mayo, John Wesley	Ag.	Seguin, Texas
McCrumby, Horrezelle	A. & S.	Fort Worth, Texas
McCullough, Annie Blake	A. & S.	Fort Worth, Texas
McMillan, Arthur	M. A.	Houston, Texas
McRay, Fuller	Ag.	Jasper, Texas
Mickens, Novella	H. E.	Prairie View, Texas
Moody, Richard	Ag.	Giddings, Texas
Moore, Lottie V.	A. & S.	Beaumont, Texas
Morrison, Ruby Eva	H. E.	Dallas, Texas
Mosie, Mary F.	H. E.	Waller, Texas
Mosby, Lucile T.	H. E.	Austin, Texas
Mooring, Arthur	Ag.	Cameron, Texas
McKensie, Pinkie	A. & S.	

Name	Division	Address
Neal, Parlee Johnson	H. E.	Prairie View, Texas
Nelson, Zeopholus	H. E.	Hempstead, Texas
Perkins, Lee	A. & S.	Dallas, Texas
Perrino, Grace Lavenia	A. & S.	Columbus, Texas
Phillips, Lawrence	Ag.	Cameron, Texas
Pollard, William B.	A. & S.	Evanston, Ill.
Porter, Hugh A.	A. & S.	Dallas, Texas
Powers, Evelyn	A. & S.	Dallas, Texas
Prater, Grant	A. & S.	Galveston, Texas
Prince, Elizabeth	A. & S.	Fort Worth, Texas
Pulliam, Jessie Wilma	H. E.	Oklahoma City, Okla.
Parker, Verna	A. & S.	Rosebud, Texas
Qualls, Thomas	A. & S.	Alamoosa, Colo.
Ragsdale, Daisy B.	N. E.	Fort Worth, Texas
Ragston, Hattie	A. & S.	Hempstead, Texas
Redd, C. B.	A. & S.	Beaumont, Texas
Reed, James M.	M. A.	Beaumont, Texas
Richards, Lois F.	N. E.	Fort Worth, Texas
Roberts, Lucy M.	N. E.	Lyons, Texas
Robertson, Lonnie C.	M. A.	Houston, Texas
Routt, Ludell T.	A. & S.	Austin, Texas
Rutledge, Irving	Ag.	Victoria, Texas
Russaw, Carl	Ag.	Gilmer, Texas
Sanders, Lauretta	A. & S.	Dallas, Texas
Sayles, Earnestine Helen	N. E.	Victoria, Texas
Stoglin, Theodore	A. & S.	Dallas, Texas
Scott, E. Lloyd	A. & S.	Houston, Texas
Servance, Maggie	A. & S.	Palmer, Texas
Simmons, Malissa D.	H. E.	Texarkana, Texas
Sinclair, Evelyn	N. E.	San Antonio, Texas
Smith, Ethyel	A. & S.	Fort Worth, Texas
Smith, Gladys	A. & S.	Fort Worth, Texas
Smith, Mance	A. & S.	Fort Worth, Texas
Stewart, Margaret	A. & S.	Hempstead, Texas
Stilwell, Edward	A. & S.	Texarkana, Texas
Stinson, Ophelia	H. E.	Dallas, Texas
Shepard, Madey	A. & S.	Fort Worth, Texas
Taylor, Frances	A. & S.	Dallas, Texas
Thibodeaux, Audrey	A. & S.	Dallas, Texas
Thibodeaux, Nedra	N. E.	Dallas, Texas
Thomas, Alice Alberta	A. & S.	Fort Worth, Texas
Thomas, Chas. Y.	M. A.	Nogales, Texas

Name	Division	Address
Upchurch, Ray	H. E.	Dallas, Texas
Vaughn, Ruby L.	A. & S.	DeKalb, Texas
Weaver, Sallie	H. E.	Jefferson, Texas
Walker, Samuel	A. & S.	Troy, Texas
Wall, John M.	A. & S.	Corsicana, Texas
Westbrooks, Wilmer	A. & S.	Houston, Texas
Williams, Bessie B.	A. & S.	Houston, Texas
Williams, Dazerine	N. E.	Victoria, Texas
Williams, John H.	Ag.	Gilmer, Texas
Williams, Madison	A. & S.	E. Chicago, Ind.
Willis, Bernice Marie	A. & S.	Richmond, Texas
Wilson, Alice E.	A. & S.	Hempstead, Texas
Wilson, Jessie	H. E.	Navasota, Texas
Wilson, Thomas E.	A. & S.	Austin, Texas
Wormely, Ida J.	N. E.	Rose Bud, Texas
Walker, William H.	A. & S.	E. Chicago, Ind.
Wallace, Naomi	A. & S.	Calvert, Texas
Williams, Juanita	H. E.	Hempstead, Texas
Yancy, Colquitt	Ag.	Hempstead, Texas
Yancy, J. C.	Ag.	Hempstead, Texas

SOPHOMORES

Alexander, Curtis M.	H. E.	Sunnyside, Texas
Anderson, Merle L.	A. & S.	Texarkana, Texas
Anderson, Votie	A. & S.	Marshall, Texas
Allen, Tena	H. E.	Yoakum, Texas
Bennette, Rosa L.	A. & S.	Huntsville, Texas
Biggins, La Fay	A. & S.	Dallas, Texas
Bradley, Georgia F.	A. & S.	Iowa Colony, Texas
Brown, Eldee Miller	A. & S.	Brenham, Texas
Bryant, Leola	H. E.	Fort Worth, Texas
Barrows, Bryan	A. & S.	Bryan, Texas
Bradley, Tena	H. E.	Navasota, Texas
Catchings, Lincoln	A. & S.	Houston, Texas
Coleman, Lucile	A. & S.	Denison, Texas
Cooper, Julia E.	H. E.	Brazoria, Texas
Crockett, Etalcah	H. E.	Bryan, Texas
Crockett, Deborah	H. E.	Bryan, Texas
Cossey, Gladys	H. E.	Houston, Texas
Cleaver, Arthur	M. A.	Prairie View, Texas
Dean, Olivia	A. & S.	Galveston, Texas
Davis, Clarence Mayo	A. & S.	Hempstead, Texas
Davis, Leola M.	A. & S.	Temple, Texas

Name	Division	Address
Davis, Theodore	A. & S.	Beaumont, Texas
Davis, Ruby	A. & S.	Galveston, Texas
Desroe, Ira C.	A. & S.	Marlin, Texas
Dial, Vera	H. E.	Palestine, Texas
Dixon, Savella	H. E.	Dallas, Texas
Edwards, Velma	A. & S.	San Antonio, Texas
Evans, Milton B.	Ag.	Bryan, Texas
Everson, Ethel	H. E.	Fort Worth, Texas
Fedford, Myrtle	A. & S.	Bellville, Texas
Finley, Elease E.	H. E.	Jacksonville, Texas
Foreman, Benjamin	A. & S.	Galveston, Texas
Frazier, Dorris	H. E.	Texarkana, Texas
Givins, Rogers	Ag.	Fort Worth, Texas
Goodman, Lodis	A. & S.	Dallas, Texas
Harrison, Amanda	H. E.	San Antonio, Texas
Harrison, Bonita Golda	A. & S.	Fort Worth, Texas
Hillard, Jewell Mae	H. E.	Bay City, Texas
Hyson, Ada M.	H. E.	Waco, Texas
Hollimon, James	A. & S.	Henderson, Texas
Hoyt, Gussie M.	H. E.	Longview, Texas
Hatchett, James	A. & S.	Bryan, Texas
Johnson, Geneva E.	H. E.	Lufkin, Texas
Johnson, Helen Marie	H. E.	Fort Worth, Texas
Johnson, Maurine	A. & S.	Dallas, Texas
Johnson, Varrie M.	H. E.	Longview, Texas
Jones, Sadie	A. & S.	Prairie View, Texas
Jones, Andrew	Ag.	Caldwell, Texas
Kane, Greta	A. & S.	Ennis, Texas
Kelly, Lela A.	A. & S.	Mt. Pleasant, Texas
Kilpatrick, Louise	A. & S.	Prairie View, Texas
King, Darius	A. &	Temple, Texas
Kirby, Johnnye	A. & S.	Hempstead, Texas
Lawson, Mattie	H. E.	Waco, Texas
Love, Howard	M. A.	Bryan, Texas
McCowan, Scottie	A. & S.	De Kalb, Texas
Marshall, Delphine	H. E.	Temple, Texas
McCowan, Maggie	A. & S.	Somerville, Texas
Marshall, D. M.	Ag.	Granger, Texas
McGuire, Lera Bell	A. & S.	Newton, Texas
Miller, Alfred T.	M. A.	Fort Worth, Texas
Miller, Annie Lee	H. E.	Nacogdoches, Texas
Moore, Luke R.	A. & S.	Fort Worth, Texas

Name	Division	Address
Monroe, William C.	A. & S.	Houston, Texas
Noble, Eleanor Mae	A. & S.	Galveston, Texas
Neal, Eva Mae	H. E.	Bryan, Texas
Oliphant, Mary L.	A. & S.	Huntsville, Texas
Owens, Sarah	H. E.	Waller, Texas
Owens, Claudia	H. E.	Waller, Texas
Paige, Booker T.	Ag.	Roganville, Texas
Patton, Arlington	A. & S.	Goliad, Texas
Penson, Ercelle	H. E.	Lufkin, Texas
Pointer, Edward	A. & S.	Wichita Falls, Texas
Plummer, Agnes Louise	H. E.	San Antonio, Texas
Powell, Gentry	Ag.	Bastrop, Texas
Price, Jewell C.	A. & S.	Taylor, Texas
Portis, Martha	H. E.	Calvert, Texas
Powell, Eula Mae	H. E.	Beaumont, Texas
Redd, Leantha J.	M. A.	Beaumont, Texas
Richards, Herbert	Ag.	Hempstead, Texas
Richards, Zenobia	H. E.	Beaumont, Texas
Robinson, Margaret	A. & S.	Lake Charles, La.
Robins, Hal	A. & S.	Bay City, Texas
Scott, Eddie William	A. & S.	Prairie View, Texas
Scott, Consuela	H. E.	Hempstead, Texas
Scott, Hazel	A. & S.	Huntsville, Texas
Sias, Myrtle	H. E.	Beaumont, Texas
Smith, Dan	M. A.	Hempstead, Texas
Smith, W. H.	Ag.	Texarkana, Texas
Soders, James O.	A. & S.	Marlin, Texas
Sprott, Loraine	A. & S.	Beaumont, Texas
Sterling, Leroy	A. & S.	Galveston, Texas
Steverson, Beatrice	A. & S.	Dallas, Texas
Tamplin, Doris	Ag.	Prairie View, Texas
Terrell, Inez D.	H. E.	San Antonio, Texas
Turner, Leona	A. & S.	Wiergate, Texas
Thomas, Mae D.	A. & S.	Wichita Falls, Texas
Wade, Joe Fred	Ag.	Douglas, Texas
Walker, Loretta	A. & S.	Texarkana, Texas
Walton, Odis	Ag.	Bryan, Texas
Washington, Addie B.	A. & S.	San Antonio, Texas
Walton, Gladys	H. E.	Bryan, Texas
Wedgeworth, Clyde	Ag.	Itasca, Texas
Williams, Marshall	M. A.	Bryan, Texas
Wright, Thomas	Ag.	Gilmer, Texas

JUNIORS

Name	Division	Address
Archie, Nathaniel	Ag	Hempstead, Texas
Abernathy, Montraville	A. & S.	Denver, Colo.
Acrey, Howard	M. A.	Nacogdoches, Texas
Averyhardt, Sarah	A. & S.	Waco, Texas
Bowles, Sylvia J.	A. & S.	Victoria, Texas
Beachum, Preston	M. A.	Hubbard, Texas
Bell, Eunita L.	H. E.	Houston, Texas
Bivins, Frances	H. E.	Houston, Texas
Bryant, Thelma Y.	H. E.	Houston, Texas
Brown, Mildred K.	H. E.	Houston, Texas
Britt, Ethel	H. E.	Waxahachie, Texas
Calhoun, Hazel R. (Mrs.)	H. E.	Houston, Texas
Carpenter, C. E. (Mrs.)	H. E.	Prairie View, Texas
Colter, Lavalia Marcelle	A. & S.	Prairie View, Texas
Curtis, Henrietta	A. & S.	Dallas, Texas
Calhoun, Artis,	A. & S.	Houston, Texas
Collins, Marie	H. E.	Houston, Texas
Cummings, Mildred	H. E.	Houston, Texas
Dailey, William H.	A. & S.	Houston, Texas
Davidson, Kermit	Ag.	Midway, Texas
Dotson, Thelma	A. & S.	Austin, Texas
Dansby, Bennie	Ag.	Kilgore, Texas
Davis, Clifford C.	A. & S.	Taylor, Texas
Echols, Jack	Ag.	Mexia, Texas
Ellis, Wilson, D.	A. & S.	Crockett, Texas
Flewellen, Ruby A.	A. & S.	Brenham, Texas
Frazier, Estill	A. & S.	Silsbee, Texas
Garrett, David	A. & S.	Houston, Texas
Gibson, Lora	A. & S.	Oakwood, Texas
Glosson, Maurine	A. & S.	San Antonio, Texas
Hardin, Exa	A. & S.	Houston, Texas
Harrison, Edwin S.	A. & S.	Houston, Texas
Hayes, Mary Lucile	H. E.	Wharton, Texas
Hall, Lena M.	H. E.	Sunnyside, Texas
Hawthorne, Daisy (Mrs.)	A. & S.	Houston, Texas
Hudson, Mae Dee	A. & S.	Fort Worth, Texas
Henderson, William	A. & S.	San Antonio, Texas
Houston, Noble	M. A.	Sherman, Texas
Johnson, Davis P.	Ag.	Calvert, Texas
Jackson, John M.	Ag.	Palestine, Texas

Name	Division	Address
Johnson, James L.	A. & S.	Denison, Texas
Kelley, Eva M.	A. & S.	Wharton, Texas
Kennedy, Helen E.	H. E.	Rusk, Texas
Kinchion, Ollie	A. & S.	Belton, Texas
Kirby, Mary	A. & S.	Hempstead, Texas
Kirkwood, Sarah A.	A. & S.	Colmesneil, Texas
Kirby, Carrie	H. E.	Hempstead, Texas
Lee, Dale	A. & S.	Fort Worth, Texas
Lee, Margaret	A. & S.	Beaumont, Texas
Lee, Vernice E.	H. E.	Houston, Texas
McBroom, Juanita	H. E.	Nacogdoches, Texas
McGriff, Vida	A. & S.	Houston, Texas
Mebane, Floyd	Ag.	Fort Worth, Texas
Mosley, Ethel M.	A. & S.	Houston, Texas
Mouton, Helen	N. E.	Lafayette, La.
Norton, Eugene	A. & S.	Houston, Texas
Nichols, Marie	A. & S.	Galveston, Texas
Pickett, Octavia	N. E.	Dallas, Texas
Pryor, Beatrice	N. E.	Sunnyside, Texas
Pryor DeArtis	A. & S.	Dallas, Texas
Raibon, Lonnie	Ag.	Tyler, Texas
Ray, Freeman	A. & S.	Houston, Texas
Ricks, Tommye	A. & S.	Taylor, Texas
Roberts, Rose Marie	H. E.	Houston, Texas
Ross, Carl	Ag.	Huntsville, Texas
Rush, Myrtle	A. & S.	Bryan, Texas
Smith, Helen I.	A. & S.	Edgar, Texas
Scott, Alphonse	H. E.	Moody, Texas
Shankle, Ferdinand	Ag.	Weirgate, Texas
Singletary, Willie L.	Ag.	Seguin, Texas
Sinyard, Joy B.	H. E.	Bryan, Texas
Smith, George Hulen	A. & S.	Houston, Texas
Smith, Raymond J.	M. A.	Brenham, Texas
Stewart, Nannie	A. & S.	Waco, Texas
Sykes, Naomi	A. & S.	Houston, Texas
Taylor, Jual	A. & S.	Houston, Texas
Taylor, Gertrude	N. E.	Texarkana, Texas
Taylor, Myrtle Fae	N. E.	Buda, Texas
Terry, Grady	Ag.	Crockett, Texas
Thompson, Virginia	A. & S.	Houston, Texas
Turner, Callie Mae	N. E.	Mexia, Texas
Thomas, John Henry	M. A.	Fort Worth, Texas

Name	Division	Address
Valien, Preston	A. & S.	Beaumont, Texas
Wortham, Gladys	A. & S.	Navasota, Texas
Watson, Annie	N. E.	Tyler, Texas
Wedgeworth, Talton	Ag.	Itasca, Texas
Williams, Dora E.	H. E.	Hempstead, Texas
Woodson, Roberta	A. & S.	Calvert, Texas
Westbrooks, Pearline	H. E.	Benchley, Texas
Wilburn, Julius	A. & S.	Chapel Hill, Texas
Wooley, Elmer	Ag.	Normangee, Texas
Young, Consuela	A. & S.	Waco, Texas

SENIORS

Adams, J. J.	Ag.	Cuero, Texas
Alexander, Zelemor	H. E.	Lampasas, Texas
Bartlette, Maddie L.	A. & S.	Waco, Texas
Bevil, Rutha M.	A. & S.	Jamestown, Texas
Cashaw, Luella	A. & S.	Benchly, Texas
Cebrum, Clarence	A. & S.	Houston, Texas
Clark, Aslee	A. & S.	Nacogdoches, Texas
Clement, Thestal	Ag.	Paris, Texas
Cleveland, Amanda Jewell	A. & S.	Beaumont, Texas
Collins, E. E.	Ag.	Denver, Colorado
Curtis, Martin V.	Ag.	Rockdale, Texas
Diggs, Sydney	H. E.	Bevil, Texas
Debose, Dorothy	N. E.	Houston, Texas
Eason, Commodore	Ag.	Oakland, Texas
Gullette, Selma	A. & S.	Houston, Texas
Grayson, Henry	A. & S.	Houston, Texas
Griffin, Emma	N. E.	Jacksboro, Texas
Hinton, Paul	Ag.	Bryan, Texas
Henry, Arnett H.	Ag.	Stoneham, Texas
Herndon, Eula Lee	N. E.	Regan, Texas
Hogan, Booker	A. & S.	Brenham, Texas
Hogan, Sammie	A. & S.	Brenham, Texas
Houston, Haskell	M. A.	Bay City, Texas
Harris, Geneva A.	A. & S.	Houston, Texas
Latson, Mable	N. E.	Taylor, Texas
James, Allee W.	H. E.	Seguin, Texas
Mark, John B.	Ag.	Nigton, Texas
Martin, Amanda	H. E.	Dallas, Texas
McBay, Earlene	H. E.	Mexia, Texas
McMillan, Melba	A. & S.	Houston, Texas

Name	Division	Address
Morgan, Janice	H. E.	Columbus, Texas
Mosby, Carrie Mae	H. E.	Prairie View, Texas
McCullough, Arthur	Ag.	Houston, Texas
Powdrill, James V.	Ag.	Nacogdoches, Texas
Preston, Dorothy	A. & S.	Tyler, Texas
Prophet, Victoria T.	A. & S.	Cedar Bay, Texas
Parks Velma	A. & S.	Denver, Colo.
Paley, Lillie	H. E.	Houston, Texas
Richards, Bessye	H. E.	Prairie View, Texas
Richards, Willye	H. E.	Prairie View, Texas
Riley Walter	A. & S.	Hockley, Texas
Robinson, Fannye	A. & S.	Lake Charles, La.
Roligan, Wilma	A. & S.	Fort Worth, Texas
Rollins, Earl	M. A.	New Orleans, La.
Sanders, Doris	A. & S.	Houston, Texas
Smith, Vernice	A. & S.	Marlin, Texas
Thomas, Anita	A. & S.	Houston, Texas
Thomas, Charles	A. & S.	Houston, Texas
Thomas, Cline	Ag.	Seguin, Texas
Thompson, Katie L.	N. E.	Bryan, Texas
Warren, Vernell E.	A. & S.	Houston, Texas
Washington, R. E.	Ag.	Mexia, Texas
Wells, Mattie Etta Mae	A. & S.	Hempstead, Texas
Wells, Wallace L.	A. & S.	Denver, Colo.
Wheeler, Brenette	N. E.	Colo. Springs, Colo.
White, Demosthenes	Ag.	Crockett, Texas
Williams, Hattie M.	N. E.	Alexandria, La.
Williams, Oscar M.	A. & S.	Fort Worth, Texas
Windon, Frank	A. & S.	Galveston, Texas
Winkler, Beatrice	H. E.	Houston, Texas
Winston, Erma L. M.	A. & S.	Selma, La.
Williams, Cad	Ag.	Palestine, Texas
Williams, Jesse A.	Ag.	Houston, Texas

UNCLASSIFIED AND SPECIALS

Acrey, Howard	Brickmasonry	Nacogdoches, Texas
Ashford, Malcolm	Carpentry,	Corsicana, Texas
Anderson, Leola	A. & S.	Prairie View, Texas
Aldridge, Joe	Tailoring	Star Route, Texas
Adams, John C.	Carpentry	Fort Worth, Texas
Batts, Tennessee	Tailoring	Calvert, Texas
Baty, Thomas	Auto Mechanics	Mexia, Texas

Name	Division	Address
Bell, Ernest	Carpentry	Houston, Texas
Caraway, Finas	Tailoring	Tenaha, Texas
Cashaw, William	Auto Mechanics	Benchly, Texas
Cavitt, William	Carpentry	Bryan, Texas
Clopton, Clemmie	Carpentry	Kerens, Texas
Coffey, Jackson Holt	Tailoring	McKinney, Texas
Cook, Thomas Lee	Shoe Making	Bastrop, Texas
Dotson, Edgar	Tailoring	Cleburne, Texas
Grant, John W.	Shoe Making	Houston, Texas
Hawthorne, Arzitta	Carpentry	Prairie View, Texas
Hines, Charlie	Mechanic Arts	Waco, Texas
Holford, Charles	Carpentry	Gainesville, Texas
Hawthorne, Nealy	Printing	Beaumont, Texas
Horton, Leroy	Carpentry	New Orleans, La.
Jacquet, I. L.	Mechanic Arts	Prairie View, Texas
Jones, Emma O.	Typing	Jefferson, Texas
King, Leoma	Tailoring	Dallas, Texas
Milligan, James	Carpentry	Sherman, Texas
Morris, Otis	Carpentry	Bryan, Texas
Martin, Jerry Lee	Printing	Bryan, Texas
Mathews, Charley	Carpentry	Timpson, Texas
Moore, Andrew	Tailoring	Brenham, Texas
Moody, Arthur	Shoemaking	Hearne, Texas
Nellum, Wiley	Carpentry	Corsicana, Texas
Petty, Grayson R.	Carpentry	Fort Worth, Texas
Prudhomme, Raymond	Tailoring	Beaumont, Texas
Porter, Thaddeus	Carpentry	Houston, Texas
Roberts, Lloyd	Agriculture	Prairie View, Texas
Sadberry, Horatio E.	Brick Masonry	Gause, Texas
Slaughter, Tyree	Tailoring	Dallas, Texas
Smaull, Henry	Carpentry	Taylor, Texas
Taylor, Fred	Carpentry	Marshall, Texas
Teal, Layton	Plumbing	Crockett, Texas
Washington, Henry	Auto Mechanics	Bastrop, Texas
Williams, Willie L.	Auto Mechanics	Beaumont, Texas
Williams, Leander	Auto Mechanics	Palestine, Texas
Williams, James	Auto Mechanics	Palestine, Texas
Williams, Henry	Tailoring	West Columbia, Texas
Yates, Huriel	Auto Mechanics	Denison, Texas

INDEX

A

Admission Requirements 31
Agricultural Club 44
Agriculture, Division of 47
Agronomy 51
Alpha Pi Mu Honorary Society 44
Alumni Association 46
Animal Husbandry 51
Annual Prizes 45
Arts and Sciences Division 53
Assignments 37
Attendance and Absence 37
Athletics 44
Awards 45

B

Beta Pi Chi 44
Biology 25, 71
Board 35

C

Cadets 37
Calendar 6
Certificate Fees 36
Certificates 42
Class Attendance 37
Classifications 37
Committees 16
Condition Examinations 39
Course Numbers 47

D

Deductions 36
Degrees 40
Diploma Fees 36
Discipline 45
Dropping Courses 37

INDEX (Continued)

E

Education, Department of 58
Electric Repair Shop 28
English, Department of 61
Equipment 23
Expenses 35
Ex-Student Association 46
Extra Examination Fee 36

F

Foreign Languages, Department of 63

G

Graduating Honors 41

H

Home Economics, Division of 79
Honors 41

I

Ice Plant 29
Important Directions 5

L

Late Matriculation 36

M

Majors 54
Maintenance 35
Mathematics, Department of 65
Matriculation Fee 35
Mechanic Arts, Division of 84
Military Science, Department of 67
Minors 54
Music, Department of 67

N

Nursing Education, Division of 97

O

Order of Registration 34

INDEX (Continued)

P

Physical Education Requirements 69
Publication, Student 45

R

Refunds 36
Reports of Grades 39
Requirements for Admission 31

S

Sigma Nu Debating Society 45

U

Undergraduate Class Attendance and Absence 37
Uniforms 35

Y

Y. M. C. A. 44
Y. W. C. A. 44