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Prairie View State Normal and
Industrial College

Vol. 25

APRIL, 1934

No. 3

CATALOG EDITION

Record of The Session 1933-34

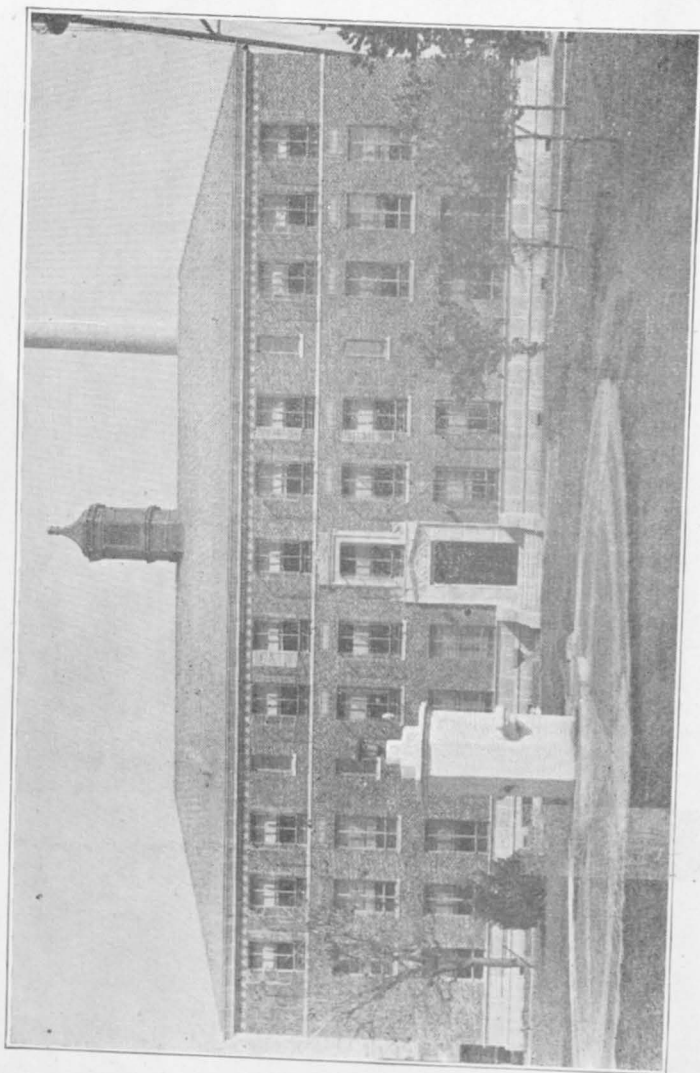
ANNOUNCEMENTS FOR THE SESSION 1934-35



55

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

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EDUCATION BUILDING (Erected 1931)

TABLE OF CONTENTS

	Page
Recognition	4
College Calendar	5
Board of Directors	7
Prairie View Committee	7
Non-Resident Administrative Officers	7
Officers of Administration	8
Officers of Instruction	9
Extension School	15
Correspondence School	15
State Agricultural Extension Service	16
General Information	17
Location	17
History	17
Equipment	19
Executive Cabinet	24
Standing Committees	24
Moral and Religious Influences	25
Discipline and Government	25
Hazing	25
Athletics	26
Academic Information	27
Admission	27
Registration	29
Expenses	30
Classification	32
Examinations	33
Grading System	34
Degree	35
Thesis Requirement	36
Certificates	36
Outline and Description of Courses	39
Division of Agriculture	39
Division of Arts and Sciences	46
Department of Education	48
Department of English	52
Department of Mathematics	55
Department of Modern Foreign Languages	57
Department of Military Science	58
Natural Science Department	59
Social Science Department	65
Department of Music	69
Division of Home Economics	74
Division of Mechanic Arts	79
Department of Mechanic Arts	86
Department of Trade Courses	89
Division of Nursing Education	94
The Alumni and Ex-Student Association	103
Enrollment	104

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 and the American College of Physicians and Surgeons.

COLLEGE CALENDAR

1934-35

First Semester

September 17, 18, 19	Entrance Examinations
September 19	Dining Room Opens
September 20	First Semester Begins
September 20-22	Registration and Payment of Fees
September 24, 7:30 A. M.	Classroom Work Begins
November 11, Armistice Day	Holiday
November 29, Thanksgiving Day	Holiday
December 25, Christmas Day	Holiday
January 28, 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 17, 18, 20	Examinations for Seniors
May 22, 23, 24, 25	Second Semester Examinations
May 26	Baccalaureate Sermon
May 27	Commencement Day
May 28	Second Semester Ends

Summer School

June 3	Summer Term Begins
August 6	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

H. C. SCHUHMACHER, Chairman
 JOSEPH KOPECKY
 WALTER G. LACY

NON-RESIDENT ADMINISTRATIVE OFFICERS

T. O. WALTON, LL. D., President
 GEORGE A. LONG, B. S., Supervising Accountant
 J. K. WALKER, B. S., Supervising Engineer

1933							1934							1935													
JULY							JANUARY							JULY													
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
2	3	4	5	6	7	8	7	8	9	10	11	12	13	1	2	3	4	5	6	7	6	7	8	9	10	11	12
9	10	11	12	13	14	15	14	15	16	17	18	19	20	8	9	10	11	12	13	14	13	14	15	16	17	18	19
16	17	18	19	20	21	22	21	22	23	24	25	26	27	15	16	17	18	19	20	21	20	21	22	23	24	25	26
23	24	25	26	27	28	29	28	29	30	31	22	23	24	25	26	27	28	22	23	24	25	26	27	28			
30	31													29	30	31	29	30	31	27	28	29	30	31			
AUGUST							FEBRUARY							AUGUST													
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
6	7	8	9	10	11	12	4	5	6	7	8	9	10	5	6	7	8	9	10	11	3	4	5	6	7	8	9
13	14	15	16	17	18	19	11	12	13	14	15	16	17	12	13	14	15	16	17	18	10	11	12	13	14	15	16
20	21	22	23	24	25	26	18	19	20	21	22	23	24	19	20	21	22	23	24	25	17	18	19	20	21	22	23
27	28	29	30	31	25	26	27	28	26	27	28	29	30	31	24	25	26	27	28								
SEPTEMBER							MARCH							SEPTEMBER													
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
3	4	5	6	7	8	9	4	5	6	7	8	9	10	2	3	4	5	6	7	8	3	4	5	6	7	8	9
10	11	12	13	14	15	16	11	12	13	14	15	16	17	9	10	11	12	13	14	15	10	11	12	13	14	15	16
17	18	19	20	21	22	23	18	19	20	21	22	23	24	16	17	18	19	20	21	22	17	18	19	20	21	22	23
24	25	26	27	28	29	30	25	26	27	28	29	30	31	23	24	25	26	27	28	29	24	25	26	27	28	29	30
OCTOBER							APRIL							OCTOBER													
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	9	10	11	12	13	
8	9	10	11	12	13	14	8	9	10	11	12	13	14	7	8	9	10	11	12	13	14	15	16	17	18	19	20
15	16	17	18	19	20	21	15	16	17	18	19	20	21	14	15	16	17	18	19	20	21	22	23	24	25	26	27
22	23	24	25	26	27	28	22	23	24	25	26	27	28	21	22	23	24	25	26	27	28	29	30				
29	30	31	29	30	31	28	29	30	31																		
NOVEMBER							MAY							NOVEMBER													
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
5	6	7	8	9	10	11	6	7	8	9	10	11	12	4	5	6	7	8	9	10	5	6	7	8	9	10	11
12	13	14	15	16	17	18	13	14	15	16	17	18	19	11	12	13	14	15	16	17	12	13	14	15	16	17	18
19	20	21	22	23	24	25	20	21	22	23	24	25	26	18	19	20	21	22	23	24	19	20	21	22	23	24	25
26	27	28	29	30	27	28	29	30	31	25	26	27	28	29	30	26	27	28	29	30	31						
DECEMBER							JUNE							DECEMBER													
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
3	4	5	6	7	8	9	3	4	5	6	7	8	9	2	3	4	5	6	7	8	2	3	4	5	6	7	8
10	11	12	13	14	15	16	10	11	12	13	14	15	16	9	10	11	12	13	14	15	9	10	11	12	13	14	15
17	18	19	20	21	22	23	17	18	19	20	21	22	23	16	17	18	19	20	21	22	16	17	18	19	20	21	22
24	25	26	27	28	29	30	24	25	26	27	28	29	30	23	24	25	26	27	28	29	23	24	25	26	27	28	29
31							30	31	30	31																	

OFFICE OF ADMINISTRATION

Office of the Principal

W. R. Banks, A. M., Principal.
 N. B. Edward, B. S., Executive Secretary of the College.
 B. C. Watson, Secretary to the Principal.

Directors and Deans

C. L. Wilson, M. E., M. S., Acting Director, Division of Mechanic Arts.
 E. B. Evans, D. V. M., Acting Director, Division of Arts and Sciences.
 J. M. Franklin, M. D., Director, Division of Nursing Education.
 E. C. May, M. S., Director, Division of Home Economics.
 L. A. Potts, M. S. A., 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
 E. B. Evans, D. V. M., Acting Registrar
 J. N. Southern, A. B., Assistant Registrar
 R. L. Rush, B. S., Research and Transcript Clerk
 V. E. Warren, B. S., 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. S. Wells, Inventory Clerk
 L. C. Moseley, B. S., Bookkeeper
 H. H. Houston, B. S., Assistant Cashier
 J. W. Giles, Secretary to the Local Treasurer
 T. R. Lawson, Inventory Clerk
 G. F. Jones, Voucher Clerk
 W. K. Ball, Clerk
 R. W. Hilliard, Subsistence Manager
 O. B. Lawrence, Postmaster

The Library

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

Other Officers and Assistants

G. W. Buchanan, Manager, College Exchange
 Mrs. E. M. Greene, Matron
 M. C. Muckelroy, Secretary to the Director of Agriculture

*On Leave of Absence 1933—1934

OFFICERS OF INSTRUCTION

Professors

*ABERNATHY, J. J., Director of Mechanic Arts Division; B. S., Kansas State College, 1916; Prairie View State College, 1916—
 BULLOCK, Henry Allen, Sr., Sociology; A. B., Virginia Union, 1928; A. M., University of Michigan, 1929; Professor of History, A. & T. College, Greensboro, N. C., 1929-30; Prairie View State College, 1930—
 *CADE, John B., History, Director of Arts and Sciences Division; Registrar; A. B., Atlanta University, 1921; A. M., University of Chicago, Summer, 1928; Paine College, Augusta, Georgia, 1921-27; Southern University, 1928-30; Prairie View State College, 1931—
 CARPENTER, Charles E., French, Head of Language Department; B. L., University of California, 1901; M. L., University of California, 1908; Advanced Work, University of Kansas, Summer, 1932; Grammar School Teacher, Ponca City, Okla., 1907-25; Prairie View State College, 1925—
 FRANKLIN, J. M., 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; B. E., University of Cincinnati, 1927; M. A., 1929; Residence requirements completed for Ph. D., at Ohio State; Virginia Union, 1927-28; 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; Knox Institute, Athens, Georgia, 1924-25; Peabody Academy, Troy, North Carolina, 1925-28; Prairie View State College, 1930—
 MAY, E. C., Home Economics Education, Director of Home Economics Division; B. S., Kansas State College, 1919; M. S., 1933. Florida A. & M. College, 1919-20; Western University, 1920-23; Prairie View State College, 1923—
 MORTON, G. W., English; A. B., Atlanta University, 1927; A. M., Columbia, 1929; One year of graduate work, Columbia, 1931-32; Avery Institute, Charleston, South Carolina, 1929-30; Talladega (Ala.) College, 1930-31; Prairie View State College, 1932—

*On leave of Absence, 1933-1934

- PERRY, R. Patterson, Chemistry; Chairman of Natural Science Department; A. B., Johnson C. Smith, 1925; M. S., Iowa University, 1927; Graduate work at Iowa University, 1931-32; and summer, 1932; Prairie View State College, 1927—
- POTTS, L. A., Rural Education, B. S., Iowa State College, 1925; M. S. A., Cornell University, 1932; Itinerant Teacher-Trainer, Prairie View State College, 1925-29; 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—
- SASSER, Earl Leslie, English, Head of English Department; B. S., Shaw, 1926; M. A., Cornell, 1928; one year and one summer of advanced work, Cornell, 1932-33; Prairie View State College, 1928—
- WILSON, C. L., Mechanical Engineering, Acting Director; B. S., in Mechanical Arts, Kansas State College, 1925; M. E., Kansas State College, 1929; M. S., Kansas State College, 1933; Prairie View State College, 1925—

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; B. S., Kansas State College, 1914; M. A., 1929; University of Minnesota, Summer, 1929; Huntington, West Virginia, High School, 1917-22; West Virginia State College, 1922-28; Prairie View State College, 1929—
- BOOKER, W. M., Biology; A. B., Morehouse College, 1928; M. S., University of Iowa, 1932; Instructor of Chemistry, Leland College, 1928-29; Prairie View State College, 1929—
- BRANNON, M. S., Superintendent of Nurses; R. N., Tuskegee, 1923; University of Minnesota, Summers, 1930, 1931; Tuskegee, 1925-26; Brewer Normal, Greenwood, South Carolina, 1926-27; Prairie View State College, 1929—
- DANIELS, S. E., Education; B. S., Columbia University, 1932; M. S., 1933; Greensboro, North Carolina, 1925-27; Edward Waters College, 1927-28; Prairie View State College, 1933—
- DICKERSON, Harvey 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 Medicine; D. V. M., Iowa State College, 1918; Graduate work at Iowa State College, Summers, 1924, 1926; Prairie View State College, 1918—

- *FULLER, O. A., Jr., Music, Head of Music Department; A. B. Bishop, 1924; Student, New England Conservatory of Music, 1926-27; A. & T. College, Greensboro, North Carolina, 1924-29; Prairie View State College, 1929—
- HOUSTON, W. H., English; A. B., University of Redlands, 1930; A. M., University of Southern California, 1931; Prairie View State College, 1931—
- PETERS, G. C., Foods and Nutrition; B. S., Prairie View State College, 1925; M. S., Iowa State College, 1931; Texas College, 1927-30; Prairie View State College, 1931—
- POWELL, M. L., Clothing; B. S., Hampton, 1929; M. S. Cornell, 1931; Instructor, Langston, 1929-30; Kentucky State College, 1931-32; Summer, 1932; Prairie View State College, 1932—
- REEVES, G. W., Education; A. B., Atlanta University, 1924; A. M., University of Michigan, 1932; Miles Memorial College, 1924-29; Prairie View State College, 1930—
- ROBBINS, L. W., Music; Acting Head of Music Department; B. S., University of Kansas, 1923; Graduate Student Chicago Musical College; Director of Music, Philander Smith College, 1923-25; Arkansas State College, 1928-33; Prairie View State College, 1933—
- SMITH, A. K., Dentist; A. B., Fisk University, 1922; D. D. S., Meharry, 1928; Kentucky State, 1922-23; Prairie View State College, 1929—
- *WARREN, S. E., English; A. B., Allegheny College, 1925; A. M., University of Wisconsin, 1929; Texas College, 1925-28; Morehouse College, 1929-32; Associate Professor of Social Science, Prairie View State College, 1932—
- WILSON, A. P., Education; A. B., Fisk University, 1918; A. M., Wisconsin, 1924; Southern University, 1918-20; Fisk, 1921-27; Bethune-Cookman College, Daytona Beach, Florida, 1931-32; Prairie View State College, 1932—
- WRIGHT, I. P., Clothing; B. S., New York University, 1931; M. A., Columbia University, 1933; Instructor of Clothing, Virginia State College, 1933—

Assistant Professors

- ARCHER, Nelson T., Education; A. B., Morehouse, 1929; A. M., Columbia, 1930; Director of Teacher Training, Georgia State Normal College, 1930-1933; Prairie View State College, 1933—
- BLOODWORTH, Eunice, English; A. B., Fisk University, 1921; A. M., Fisk University, 1932; Instructor in Dubois High School at Mt. Hope, West Virginia, 1921-30; Wilson County Training School, 1930-31; Prairie View State College, 1932—

*On Leave of Absence

- BURDINE, Dorothy, Education; A. B., Colorado State Teachers College, 1927; A. M., Colorado State Teachers College, 1933; Instructor of Education, Tennessee State College, 1927-1932; Prairie View State College, 1933—
- HARRISON, W. R., Rural Sociology; B. S., Howard University, 1930; M. S., Cornell, 1931; Prairie View State College, 1931—
- 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—
- PRESTON, Anne C., Education; B. S., Virginia State College, 1931; M. A., Columbia, 1932; Instructor, Alabama State Teachers College, 1929-30; Prairie View State College, 1933—
- TERRY, J. L., Spanish; B. S., Kansas State Teachers College, 1930; M. S., 1931; Teacher in Kansas Vocational School, Topeka, Kansas, 1931-32; Prairie View State College, 1932—
- TURNER, L. N., Mathematics; A. B., University of Michigan, 1930; A. M., 1931; Professor at Roger Williams College, Memphis, Tenn., 1931-32; Prairie View State College, 1932—
- YOUNG, Braxton, Physics; A. B., New Orleans University, 1927; M. S., Cornell University, 1931; Graduate Study, Cornell University, 1931-32; Instructor at New Orleans University, 1927-30; Prairie View State College, 1932—

Instructors

- BANKS, C. H., Itinerant Teacher Trainer; B. S., Hampton Institute, 1928; Resident Teacher Trainer, Prairie View State College, 1929-1933; Itinerant Teacher Trainer, Prairie View State College, 1933—
- BELL, George C., Printing; Trade Certificate in Printing, Tuskegee Institute, 1928; Prairie View State College, 1933—
- BLEDSON, P. E., History; B. S., Talladega, 1907; Elementary School Principal, Laredo, Texas, 1887-92; 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, 1901-11; Head of Natural Science Division, 1911-23; Acting Dean, 1923-24; Acting Principal, 1925-26; Registrar, 1926-27; Instructor, History, 1927—
- 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; Prairie View State College, 1950—

- BRYANT, Huldah, Foods and Nutrition; B. S., Howard University, 1927; Advanced Work, University of Chicago, 1931-32; Instructor at Tuskegee Institute, 1927-31; Prairie View State College, 1932—
- CAMPBELL, Anna L., English; A. B., Bradley Polytechnic Institute, 1927; Graduate Work, Northwestern, Summers, 1928, 1932, 1933; Instructor, Bishop College, 1927; Prairie View State College, 1930—
- CHATHAM, Bogie L., Assistant Superintendent of Nurses; Diploma, Nursing Education, Prairie View State College, 1933—
- 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, 1911-21; 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—
- FRY, F. G., Chief Engineer; B. S., in E. E., Kansas State College, 1929; Chief Engineer, Prairie View State College, 1929—
- FULLER, Harry E., Painting; Trade Certificate in Painting, Hampton Institute, 1930; Three years business in Maryland; Prairie View State College, 1933—
- HENRY, Edgar G., Drawing and Mechanical Arts; B. S., Prairie View State College, 1931; Prairie View State College, 1933—
- JOHNSON, B. V., Horticulture; B. S., Hampton Institute, 1929; M. S., Iowa State College, 1932; Instructor at Southern University and Georgia Normal and Industrial College; Prairie View State College, 1933—
- JOHNSON, E. J., Auto Mechanics; Certificate in Auto Mechanics, Prairie View State College, 1919; Assistant Instructor in Auto Mechanics; Prairie View State College, 1927—
- JOHNSON, Rosa B., English, B. S., Langston, 1926; Certificate, Social Welfare, U. S. C., 1932; M. A., U. S. C., 1933; Prairie View State College, 1932—
- JOHNSON, R. F., Shoemaking; Certificate in Shoemaking, St. Louis Trade School, 1902; Diploma, Prairie View State College, 1904; Public School at Windon, Texas, 1904-06; Prairie View State College, 1907—

- JOHNSON, Sadie Allen, Printing; Normal Diploma and Certificate in Printing, Prairie View State College, 1918; Certificate in Printing, Mergenthaler Linotype School, 1926; Prairie View State College, 1918—
- JONES, N. A., Auto Mechanics and Machine Shop Practice; Langston University, 1910-18; Chief Engineer, Prairie View State College, 1920-29; Instructor in Auto Mechanics and Machine Shop Practice, 1929—
- 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—
- MILLER, Lawson I., Drawing and Mechanical Arts; B. S., Civil Engineering, University of Illinois, 1933; Prairie View State College, 1933—
- MOSBY, C. M., Medical Supervisor; Diploma, Nursing Education, Prairie View State College, 1933; Prairie View State College, 1933—
- 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—
- RANDALL, Melvin G., Chemistry; A. B., Southern Illinois Teachers College, 1930; M. S., University of Illinois, 1931; Prairie View State College, 1932—
- ROSS, Addie L., Home Economics Education; B. S., Alcorn College, 1931; M. S., Iowa State College, 1932; Prairie View State College, 1933—
- SANDERS, J. Gregory, Drawing; B. S., Prairie View State College, 1930; Instructor of Drawing in the Public Schools of Texas; Prairie View State College, 1933—
- SETTLER, S. H., Agronomy; B. S., Kansas State College, 1926; Graduate Student, Kansas State College, 1932; Lincoln University, Jefferson City, Missouri, 1927-28; Tuskegee Institute, 1928-31; Prairie View State College, 1931—
- SMITH, G. L., Fruit Growing; B. S., Hampton Institute, 1929; Principal and Vocational Teacher, High School, Montezuma, Georgia, 1929; Prairie View State College, 1931—

*Part Term

- TAYLOR, S. G., Mathematics; Head Athletic Coach; B. S., Northwestern University, 1924; Director of Athletics, Virginia State College, Petersburg, Virginia, 1924-25; Director of Athletics, Clark University, Atlanta, Georgia, 1925-30; Mathematics Department and Athletic Coach, Prairie View State College, 1930—
- TERRELL, W. P., Itinerant Teacher Trainer, Industry; B. S., Kansas State College, 1904; B. S., Massachusetts Institute of Technology, 1906; Director of Industry, Prairie View State College, 1906-21; Itinerant Teacher Trainer, 1931—
- THURMAN, Madaline M., Music; A. B., Oberlin College, 1929; A. M., 1932; Port Orange, Florida, 1929-31; Prairie View State College, 1932—
- WATKINS, Bert V., History; A. B., Illinois, 1932; M. A., Illinois, 1933; Prairie View State College, 1933—
- 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, 1933—
- WILSON, J. M., Tailoring; Certificate in Tailoring, Tuskegee Institute, 1927; Instructor in Tailoring, Deaf, Dumb, and Blind Institute, Austin, Texas, 1928-30; Prairie View State College, 1931—

EXTENSION SCHOOLS

- F. A. Jackson, Chairman; A. B., Atlanta; M. B. A., New York University
Eugene 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.
J. W. Yancy, Instructor, Brenham; A. B., Philander Smith; A. M., Arizona.
F. L. Walker, Instructor, Beaumont; B. S., Kansas State Teachers College; A. M., Kansas State College.
W. A. Flowers, Instructor, Calvert; B. S., Alcorn College; M. A., Iowa State College.

CORRESPONDENCE SCHOOL

F. A. Jackson, Director

One course, Constitutional History of the United States and Texas, is offered through this department. This work is accepted for credit by the State Department of Education as fulfilling credit requirements in Constitutional History.

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
 J. O. Conner, Assistant District Home Demonstration Agent
 John Williams, Club Boy Adviser
 E. W. H. Gilmore, Stenographer

GENERAL INFORMATION

Location

Prairie View State Normal and Industrial College is located in Waller County 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.

History

1876—August 14, an act was passed by the Fifteenth Legislature of Texas to establish an A. & M. College of Texas for the benefit of Negroes. The College was located in Waller County. Kirby Hall, a two story frame structure, which was the only building on the grounds when the School opened, is still in use as apartments for teachers. The building was erected prior to 1860.

1879—April 19, an act was passed providing for organization and support of a Normal School in Waller County.

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

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

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

1890—Old Agricultural Building, a two-story brick, erected at a cost of \$3,000.00.

1889—Administration Building, three-story brick, erected at a cost of \$35,000.00.

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

1889—June 6, an act changing the name from Normal School for Colored Teachers at Prairie View to the Prairie View State Normal and Industrial College.

1915—September 1-October 10, N. A. Banks, acting principal.

1915-1918—I. M. Terrell, fifth principal.

1901—March 28, College Department established by an act of Legislature.

1909—Foster Hall, three-story brick dormitory for men, erected at a cost of \$15,000.00.

1909—Luckie Hall, three-story brick dormitory for men, erected at a cost of \$25,000.00.

1911—Auditorium and Dining Hall, erected at a cost of \$20,000.00.

1912—Crawford Hall, three-story brick dormitory for women, erected at a cost of \$15,000.00.

- 1916—Minor Hall, three-story fireproof building for women, erected at a cost of \$55,000.00.
- 1916—Household Arts Building, three-story fire-proof building, erected at a cost of \$55,000.00.
- 1916—Power and Ice Plant, one-story fireproof brick, erected at a cost of \$35,000.00.
- 1916—Laundry, two-story fireproof brick structure, erected at a cost of \$30,000.00
- 1918—Spence Building, three-story fireproof brick, housing Division of Agriculture, erected at a cost of \$60,000.00.
- 1918-1919—J. G. Osborne, acting principal.
- 1919-1925—J. G. Osborne, sixth principal.
- 1923—Canning Plant, one-story fireproof brick, erected at a cost of \$2,500.00.
- 1924—Science Building, three-story fireproof building, erected at a cost of \$70,000.00.
- 1924—College Exchange, two-story brick building, erected at a cost of \$14,000.00.
- 1925—Veterinary Hospital, one-story fireproof brick, erected at a cost of \$15,000.00.
- 1925—Elementary Training School, Rosenwald design, erected at a cost of \$9,000.00.
- 1925—Practice Cottage, two-story frame structure, erected at a cost of \$5,000.00.
- 1925—Music Conservatory, two-story frame structure, erected at a cost of \$3,000.00.
- 1925-1926—P. E. Bledsoe, acting principal.
- 1926—W. R. Banks seventh principal.
- 1926—Blackshear Hall, two-story brick dormitory for women, erected at a cost of \$36,000.00.
- 1926—Woodruff Hall, two-story brick dormitory for men, erected at a cost of \$36,000.00.
- 1926—Warehouse and Filling Station, one-story fireproof structure, erected at a cost of \$6,000.00.
- 1926—Evans Hall, three-story fireproof brick building for women, erected at a cost of \$100,000.00.
- 1928—Farm Shop Building, one-story frame, erected at a cost of \$1,800.00
- 1929—Hospital, three-story fireproof brick building with 50-bed capacity, erected at a cost of \$100,000.00.
- 1930—Industrial Engineering Building, a two-story fireproof building, erected at a cost of \$30,000.00.

1931—Education Building, a three-story fireproof building, erected at a cost of \$75,000.00, with the aid of the General Education Board.

1933—Anderson Hall, a three-story fireproof building for women, erected at a cost of \$56,000.00, with the aid of the General Education Board.

NOTE:—In addition to the above buildings there are two apartments, valued at \$6,000.00 and fifty cottages with a total value of \$100,000.00, located on the campus.

EQUIPMENT

DIVISION OF AGRICULTURE

LIVESTOCK: The Division maintains the major breeds of livestock and poultry for economic production and for laboratory use. Adequate modern conveniences provided for giving both theory and practice in Dairy, Poultry, Swine and Beef cattle production.

CROPS AND SOILS: Of the 1435 acres owned by the school, about 400 acres are under cultivation each year. The farm land is generally level and is most suitable for growing cotton, corn, watermelons, vegetables and legumes. As many of the above crops as possible are kept throughout the school year for the purpose of training students. A 30x30 ft. well lighted, well ventilated soils laboratory is located on the second floor of the Agricultural building. This laboratory makes it possible to combine theory with practice.

HORTICULTURE: A thriving ten-acre college vegetable garden with an irrigation system is maintained. The irrigation system makes it possible for students to study vegetable production with even regularity. A small orchard is maintained for the study of fruits. A well equipped Canning Plant is provided for teaching students how to can surplus products.

VOCATIONAL AGRICULTURE: The Division of Agriculture maintains a room in which all class work and conferences pertaining to Vocational Agriculture are held. The room is well equipped with charts, maps and other illustrative material on both plants and animals.

FARM SHOP: This department occupies a three-story Rosenwald Model "B" Shop building. An additional 40x40 foot room is provided for teaching farm blacksmithing. Thorough work is given in harness repairing, farm carpentry, farm blacksmithing, rope work and concrete mixing.

VETERINARY SCIENCE: The Veterinary Science department occupies a building that is used exclusively for Veterinary work. The building contains an office, Dispensary, Bacteriology laboratory, Clinic

Room, operating room and stables. The department has a valuable collection of pathological and normal specimens, all of which are used for classroom instruction.

DIVISION OF ARTS AND SCIENCES

Natural Science Laboratories

BIOLOGY: The Biological laboratories contain a large number of high grade microscopes and a complete supply of models and dissecting material. The lecture rooms are fitted with demonstration desks, a large collection of charts and slides.

CHEMISTRY: In addition to a large collection of general apparatus providing adequate laboratory work in general Chemistry, qualitative analysis, quantitative analysis, organic and physical Chemistry, the laboratories contain a large number of special pieces of apparatus. The laboratory of Biochemistry is equipped with a Van Slyke blood gas apparatus, a Dubosq colorimeter, and all equipment necessary for the apparatus, a Dubosca colorimeter, and all equipment necessary for the quantitative clinical examination of blood, urine, feces, and tissues.

PHYSICS: 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 X-ray and spectrum tubes, a spectroscope, optical discs, and a large collection of prisms. The laboratory contains also a constant temperature bath fitted with a thermostat, heating units and relay. The laboratory maintains a weather bureau making daily reports on the weather conditions at Prairie View.

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 accommodates at one sitting 200 readers. The book collection consists of approximately 10,000 Volumes exclusive of some 3,000 unbound periodicals. There are standard 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 five student assistants, serves the students, faculty members and community neighbors with courtesy, patience, intelligence and efficiency.

Division of Nursing Education

BUILDING: The Nursing Education Division is housed in a three-story fireproof structure which has a capacity of fifty beds. The second and third floors are reached by an elevator. On the first floor are 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 flourescopic and radiographic work to both school and surrounding community. The hospital dispensary is fitted with modern fixtures and a registered pharmacist is in charge of all prescription work.

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

SURGICAL SECTION: The main surgical and astetrical division is located on the third floor, and is served by two wards, two private wards, a nursery, a delivery room, and the major operating 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 the surrounding territory.

Division of Home Economics

CLOTHING AND TEXTILES: The following equipment is provided for instructional purposes in Clothing and Textiles: Closet for partly finished garments, mirrors, sewing machines; tables for cutting and working, electric irons, ironing boards, bust forms and stands, and other small articles.

FOOD AND NUTRITION: The foods and Nutrition Laboratories are comprised of three regular laboratory units, well equipped with modern gas ranges and individual work desks. The work desks are equipped with all necessary smaller cooking utensils ordinarily used by the average family. In addition to the regular work desk equipment, there are two large equipment supply pantries which include a refrigeration unit. One very attractive feature of the department is a well furnished practice dining room.

NURSERY: The Nursery School is well equipped to provide for the social, emotional and physical development of the pre-school child.

PRACTICE HOUSE: The Practice House is economically and comfortably furnished with items needed for house keeping and home making. There are five bedrooms, one kitchen and pantry, one dining room, one living room and two bath rooms.

PERSONAL HYGIENE SHOP: The shop is supplied with the furniture and equipment found in all up to date hygiene parlors. Shampoo facilities, driers, manicure tables and facial chairs, are included in the equipment.

Division of Mechanic Arts

AUTO MECHANICS SHOP: The shop equipment includes one cylinder grinding machine, one electric drill, one hydraulic lift, one oxyacetylene welding outfit, one armature testing machine, one weaver jack, one automatic air compressor, one painting outfit, one pneumatic greasing machine, and one electric driven car washer. There is also an ample and complete supply of hand tools and instruments.

THE BROOM AND MATTRESS SHOP: The Broom Shop has the following equipment: five footpower winders, three 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 two 24-inch cotton picker, two sewing machines, and other minor equipment.

CARPENTRY SHOP: The Carpentry shop is equipped with 20 work benches, each having ample sets of tools to accommodate the classes. Other equipment includes: one motor driven band saw, variety saw jointer, one planer, one shaper, one tool grinder, one wood trimmer, 2 turning lathes, and one sanding machine.

ELECTRIC REPAIR SHOP: This shop is well equipped with the necessary tools and instruments for doing electrical repair work and testing. In addition the equipment of the College Power Plant and the motors in the various departments are available for study and test by the students.

ENGINEERING AND CONSTRUCTION: The drafting department comprises two large drafting rooms. 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. The department also has 2 additional large drawing tables, one vertical blue printing machine complete with washer, 2 blue-print filing cabinets, one transit, two levels, and many minor accessories for instruction.

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 sock 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, two short cuff ironers, one shirt band ironer, one sewing machine, one Vento dring tumbler, and a 6 roll ironer.

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

MACHINE SHOP: The Machine shop is equipped with four 13-inch lathes, one 16-inch lathe, power hack saw, drill, two emery stands, arbor press, 24-inch shaper one milling machine, one planer, one sharper and such tools as are needed with the above listed machines.

MASONRY SHOP: The tools and equipment of this shop are satisfactory to meet the demands of the classes in Bricklaying, Concrete Work and Plastering. Brick trowels, plastering trowels, cement finishing tools, and brick sets are included in the equipment.

PLUMBING AND HEATING SHOP: The department of Plumbing and Heating is equipped with machines for cutting and fitting pipe and the necessary tools for every type of plumbing and heating work. Sheet metal working tools are also included in the equipment.

POWER PLANT: The college maintains and operates its own modern heat, light, power, water, and sewer systems. A central boiler plant supplies steam for both the heating system and power plants. The power and light for the entire campus is furnished by the plant. In connection with the power plant there is an ice plant well equipped with modern equipment for ice making and storage. The above equipment is available for study and test by students.

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, letter-boards and sort drawers, 96 steel sort boxes, one case of metal furniture, one paper cutter, one punching machine, one perforator, two job presses, one cylinder press, two linotype machines, one wire stitcher, one saw trimmer, two revolving proof presses, and one folding machine. All machines are equipped with individual motors.

SHOE MAKING DEPARTMENT: This shop is fully equipped for teaching all phases of shoe making and shoe repairing. There are the usual machines, including a stapling machine, sole cementing machine, vamping machine, two finishing machines, one nailing machine, one sole cutter, one sole stitcher, three sewing machines, and two eyelet and hook machines. All necessary small tools and equipment are also available to enable students to receive the best training in making and repairing shoes.

TAILOR SHOP: The shop is spacious and modern in its equipment with one large triple mirror, eight sewing machines, six work tables, four 20-pound electric irons, one steam press, four adjustable forms for fitting garments, and many minor tailoring implements to well take care of fifty students.

EXECUTIVE CABINET

Principal W. R. Banks, Chairman
 Local Treasurer C. W. Lewis
 Acting-Director E. B. Evans
 Director C. L. Wilson
 Director E. C. May
 Director L. A. Potts
 Dean E. L. Dabney
 Dean M. E. Saurez
 State Leader C. H. Waller
 Manager G. W. Buchanan
 Director J. M. Franklin
 Executive Secretary N. B. Edward

STANDING COMMITTEES**Extension School**

F. A. Jackson Chairman Professor H. A. Bullock
 Director L. A. Potts Local Treasurer C. W. Lewis
 Acting-Director E. B. Evans

Graduation and Classification

Dr. E. B. Evans, Chairman Director E. C. May
 Director L. A. Potts Director C. L. Wilson
 Director J. M. Franklin Professor G. L. Harrison

Library

Professor H. A. Bullock, Chairman Miss A. J. Fortune
 Librarian O. J. Baker Director E. C. May
 Director L. A. Potts Director C. L. Wilson
 Director J. M. Franklin Acting-Director E. B. Evans

College Catalog

Acting-Registrar, E. B. Evans, Chairman
 Director L. A. Potts Treasurer C. W. Lewis
 Director C. L. Wilson Director J. M. Franklin
 Professor G. L. Harrison Director E. C. May

Discipline-Student Relations

Professor C. E. Carpenter, Chairman
 Professor J. M. Alexander Chaplain Lee C. Phillip
 Professor H. G. Dickerson Professor G. W. Morton

MORALS AND RELIGIOUS INFLUENCES

While no particular denominational influence is exerted at Prairie View State College, the authorities of the institution are thoroughly committed to the benefits of religious training. A Chaplain has charge of the religious activities which include Sunday School, Morning Worship, Vesper Service and Weekly Prayer Meeting.

The Young Men's Christian Association and the Young Women's Christian Association supply, in a large measure, spiritual, moral, and physical aid to the young men and the young women at the College.

Wholesome influence is exercised through the following student organizations: The Alpha Pi Mu Honorary Society, The Mu Alpha Club, The Beta Pi Chi, The Agricultural Club, The Sigma Nu Debating Club, The Charles Gilpin Dramatic Club, The Home Economics Club, and "The Panther," the student publication which is issued monthly by the students of the College.

The following prizes are awarded annually:

1. The Odd Fellow Award
2. The H. Thomas Medal
3. V. G. Goree Medal
4. The Phi Beta Sigma Prize
5. The Julius Rosenwald Memorial Award
6. Balfour Medal
7. The Inter-Fraternity Council Prize
8. Religious Activity Prize
9. The Lee C. Phillip Prize
10. The E. M. Greene Prize

NOTE:—The above organizations and prizes are fully described in the Student Handbook.

Discipline and Government

Rules and regulations of the College as set forth in the Student Handbook are necessary for the protection of the student and the preservation of the College. Proper conduct is required of all students at all times.

The College compels no student to enroll nor to remain who finds the requirements are such that he cannot meet cheerfully. Those students who cannot meet the requirements and whose conduct is not in accord with the principles and ideals of the College will be asked to withdraw.

Hazing

Hazing is prohibited by law in state educational institutions of Texas. The law provides that: Any student of any state educational in-

stitution of Texas who commits the offense of hazing shall be fined not less than \$25.00 nor more than \$250.00 or shall be confined in jail not less than ten days nor more than three months or both.

Hazing is defined as: Any wilful act by one student alone, or acting with others, in striking, beating, bruising, or maiming, or seriously threatening or attempting to strike, beat, bruise, maim or do serious violence to any student or students of a state educational institution of Texas.

Athletics

The Department of Athletics projects two distinct programs: The Varsity of Inter-collegiate program, and the Intramural program. The Varsity program includes football, baseball, 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, volleyball, 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.

ACADEMIC INFORMATION

ADMISSION

General Requirements and Expenses

Admission to all branches of the College is under the control of the Registrar and the Registration Committee. All communication in regard to admission of students to the College should be addressed to the Registrar, Prairie View State College, Prairie View, Texas.

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

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

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

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

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

Students who present complete certified transcripts showing graduation from accredited four-year 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 at the request of the applicant.

Admission by Examination

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 17, 18 and 19, 1934.

For 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

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 candidates for graduation when they have fulfilled all requirements.

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 for physical examination. Every student must pass a complete physical examination.

2. Dean of Women: Uniform for women.

NOTE:—Every young lady is expected to own a navy blue skirt, at least four washable white blouses, and a small dark hat. A dark blue coat suit is very desirable. Sensible walking shoes, an umbrella, rain coat, galoshes or boots and a heavy serviceable coat, are needed.

Dean of Men: Uniform for Men (Cadets).

NOTE:—All men shall provide themselves with the regulation uniform requirements as follows: two pairs of Olive Drab serge trousers, a regular army cap, (both of which items must be purchased after arrival on the campus), six cotton khaki shirts or two woolen Olive Drab shirts, (the woolen Olive Drab shirts are desirable but not required), two black four in hand ties and two pairs of tan shoes. The shirts are to be of uniform make and color and may be purchased at our College Exchange.

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:—All 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 assignment.

NOTE:—All students should bring one laundry bag, four sheets, three pillow cases, one pillow, a spread, curtains, dresser scarfs, a bed side rug, and sufficient bed blankets or quilts for comfort.

6. Report to classes as per schedule.

EXPENSES

The following fees are required of students, subject to change:

To be paid on entrance—BOTH MEN AND WOMEN:

Matriculation for first semester	\$25.00
(Including regular laboratory fees)	
Maintenance, September 20 to September 30.....	6.05
Key Deposit50
Total	\$31.55

PAYABLE FEBRUARY 1:

(By all students, men and women, enrolled during the first semester):

Matriculation for Second semester	\$25.00
(Including regular laboratory fees)	
Board for February	16.50
Total	\$41.50

NOTES:

1. Students who do not enroll until the beginning of the second semester will provide themselves with money for uniform, key deposit fee in addition to Matriculation fee of \$25.00 and maintenance of \$16.50 for February.

2. All students are required to provide themselves with the regulation uniform, the approximate cost of which is \$7.00 for women students and \$25.00 for men students.

3. The Forty-Third Session of the Texas Legislature passed a law requiring all state supported institutions to charge a minimum of \$50.00 for matriculation fee for the long term.

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 bills promptly are subject to suspension. 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 the business on the 15th of the month.

DIVISION OF NURSING EDUCATION

Expenses for Nurses Only

First Year

Matriculation First Semester	\$25.00
(Uniform, supplies and books for first semester estimated at \$40.00. No charge for board.)	
Matriculation for Second Semester	\$25.00
(Books and supplies for second semester estimated at \$13.00. No charge for board.)	

Second Year

Books, uniform and supplies estimated for the year	\$24.00
No charge for maintenance and matriculation.	

Third Year

Books, uniform and supplies for the year estimated.....	\$30.00
No charge for maintenance and matriculation.	

Music Fees

Piano, or Voice, two lessons a week, including the use of piano for practice, \$3.00 a month.

Textbooks

All students are required to use the textbooks adopted by the Committee on Textbooks. These textbooks may be purchased at the College Exchange.

Late Matriculation

All students who matriculate after September 24, 1934 will pay a fee of \$1.00 extra for late matriculation.

Deductions and Refunds

No deductions will be made for entrance within seven days after the opening of the term, nor will there be any refund 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.

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.

Transcript 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.

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 persistent absence from class amounts to dropping) means to sever one's connection with the College.

Class Attendance and Absence

Regular and punctual attendance to classes 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 from the Dean of Men or the Dean of Women 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 (including required physical education training and military science) 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.

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 60 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 postpone 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.

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 grades then becomes "D." A student who fails to pass a condition examination forfeits thereby the right to ask for another examination in that subject and must take that semester's work over to secure credit for it.

The student must make application to the Registrar for a condition examination. 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. A fee of \$1.00 will be charged for all deficiency and extra examinations.

Semester Reports From the Registrar

Grade reports are sent out to parents and guardians at the end of each semester for all students in the College.

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) Passing; E (60-64); F (below 60); I (Incomplete)). Grades of "I" can become a passing grade 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 failure. Credit for a course in which "F" is given can be secured only by repeating the course. "W" is given when a student withdraws from class by change or withdrawal card.

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 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.

Degree

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 Arts and Sciences, Bachelor of Science, Bachelor of Science in Education and Bachelor of Arts.
3. From the Division of Home Economics, Bachelor of Science.
4. From the Division of Nursing Education, Graduate Nurse Diploma.
5. From the Division of Mechanic Arts, Bachelor of Science.

No degree will be conferred except publicly on Commencement Days. 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.

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 graduation.

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

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."

No student who has made a grade below "D" shall be eligible to consideration for honors regardless of his total number of points.

Graduation Requirements

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 advise 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 Commencement must file their thesis before August first.

Application for a Degree

1. Write a letter of application for graduation to the Graduation Committee at the time scheduled by this Committee.
2. Fill out Diploma Card at the time scheduled by the Office of Registration.

NOTE: Cost of College Diploma and degree is \$7:50 (Optional).

Certificates

FRESHMAN. On completion of the work of the freshman class, the student is awarded an elementary certificate of the first class, valid for four years; or a high school certificate of the first class, depending upon the curriculum pursued.

Note: An elementary certificate of the first class shall be valid only in elementary schools, grades one to seven, inclusive. A two-year high school certificate the first class if valid in grades one to seven, inclusive, and in third class high schools or unclassified schools.

SOPHOMORE: On completion of the work of the sophomore class, the student is awarded a four-year high school certificate, a six-year elementary certificate, or a permanent elementary certificate, depending upon the curriculum pursued; provided that for the permanent elementary certificate the special requirements are met.

Note: Special requirements for the elementary permanent certificate:

First Year

Eng. 113, 123—Comp. and Rhet.....	6 Sem. Hrs. Credit
Edu. 113—Intro. to Educ	6 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—Materials & Methods	3 Sem. Hrs. Credit
Educ. 243—Rural Education	3 Sem. Hrs. Credit
Educ. 203—Elem. Teaching	3 Sem. Hrs. Credit
Music 273—Public School Music	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

A high school certificate of the first class, valid for four years, is valid in any elementary grade or in any high school.

JUNIOR. On completion of the work of the junior class, the student is awarded a high school certificate, valid for six years, provided that all legal requirements are met.

SENIOR. On completion of the work of the senior class, the student with a degree is awarded a high school permanent provided that he has fulfilled the requirements for the certificate, which include twenty-four semester hours of education, twelve of which must bear on the high school including a course in Practice Teaching.

ISSUANCE OF CERTIFICATES. All certificates are issued by the State Department of Education and signed by the State Superintendent of Public Instruction.

FEE. If credentials are earned in Texas, submit one dollar; if any part of credentials earned outside of the State of Texas, submit two dollars. (Submit in form of postal money order payable to State Board of Examiners. Personal checks will not be accepted).

EXTENSION OF CERTIFICATES. The amended certificate law of Texas provides that the holder of a valid certificate of any kind, class, or grade, may have this certificate extended for a period of one year by taking nine quarter hours work (six semester hours) during the summer immediately preceding the date of the expiration of the certificate.

A certificate may be extended a second, third, or any number of times until the requirements for a higher certificate are met. Courses pursued for extension are counted toward graduation.

TRADE CERTIFICATES. Certificates are offered for completing non-collegiate trade courses in Mechanic Arts Division as follows: Automotive Science, Brickmasonry 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 and Tailoring.

Trade Certificates are issued upon payment of \$2.00 (optional).

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

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 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, 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.
 B. V. Johnson, M. 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 agriculture 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	(3-0) 3	English, 123	(3-0) 3
Composition & Rhetoric		Composition & Rhetoric	
Chemistry, 114	(2-4) 4	Mathematics, 113	(3-0) 3
Inorganic Chemistry		Math. for Agri Students	
Animal Husbandry, 112	(1-2) 2	Chemistry, 124	(2-4) 4
Market Classes		Qualitative Analysis	
Veterinary Science, 112	(1-2) 2	Animal Husbandry, 123	(1-2) 2
Anatomy & Physiology		Feeds and Feeding	
History, 103	(3-0) 3	Veterinary Science, 123	(1-2) 2
Constitutions		Anatomy & Physiology	
Electives	3	Electives	
Infantry, 111	(0-3) 1	Infantry, 121	(0-3) 1
Military Training		Military Training	

Sophomore

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

Junior

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Agronomy, 313	(2-2) 3	Education, 333	(3-0) 3
Cotton, Corn & Small Grain		Modern Methods in	
Science, 313	(2-2) 3	Education	
General Bacteriology		Agronomy, 323	(2-2) 3
Education, 313	(3-0) 3	Soil Fertility	
Classroom Management		Animal Husbandry, 322	(1-2) 2
Animal Husbandry, 312	(1-2) 2	Farm Dairying	
Farm Dairying		Animal Husbandry, 342	(1-2) 2
Rural Engineering, 312	(1-2) 2	Farm Meats	
Farm Shop		Rural Engineering, 322	(1-2) 2
Animal Husbandry, 322	(1-2) 2	Farm Shop	
Swine Production		Genetics, 323	(2-2) 3
Infantry, 311	(0-3) 1	Science	
Military Training		Infantry, 321	(0-3) 1
Electives	3	Military Training	
		Electives	3

Senior

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Education, 473	(3-0) 3	Rural Economics, 423	(3-0) 3
Special Methods		Marketing Ag. Products	
Rural Economics, 413	(3-0) 3	Plant Pathology, 422	(1-2) 2
Ru. Org. & Problems		Science	

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Entomology, 432 Science	(1-2) 2	Entomology, 442 Science	(1-2) 2
Farm Management, 412 Product of Crops & Animals	(2-0) 2	Farm Management, 422 Management of Successful Texas Farms	(2-0) 2
Plant Physiology, 412 Science	(1-2) 2	Rural Education, 423 Supervised Practice Work	(3-0) 3
Education, 493 Observation & Pr. Tch.	(1-4) 3	Rural Education, 433 Visual Instruction	(3-0) 3
Advanced Infantry, 421 Military Training	(0-3) 1	Advanced Infantry, 422 Military Training	(0-3) 1
Electives	2	Electives	2

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 experience, 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 Composition & Rhetoric	(3-0) 3	English, 123 Composition & Rhetoric	(3-0) 3

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Mathematics, 113 Special Math. for Ag. Students	(3-0) 3	Animal Husbandry, 123 Feeds & Feeding	(1-2) 3
Animal Husbandry, 112 Market Classes	(1-2) 2	Veterinary Science, 122 Anatomy & Physiology	(1-2) 2
Veterinary Science, 112 Anatomy & Physiology	(1-2) 2	Animal Husbandry, 223 Poultry Diseases & Insects	(2-2) 3
Animal Husbandry, 213 Poultry Production	(2-2) 2	Horticulture, 222 Vegetable Growing	(1-2) 2
Horticulture, 212 Fruit Growing	(1-2) 2	Rural Engineering, 222 Terracing	(1-2) 2
Infantry, 211 Military Training, 111	(0-3) 1	Infantry, 221 Military Training, 121	(0-3) 1

SECOND YEAR

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Agronomy, 313 Cotton, Corn & Small Grain	(2-2) 3	Agronomy, 323 Soil Fertility	(2-2) 3
Animal Husbandry, 312 Farm Dairying	(1-2) 2	Animal Husbandry, 322 Farm Dairying	(1-2) 2
Rural Engineering, 312 Farm Shop	(1-2) 2	Animal Husbandry, 342 Farm Meats	(1-2) 2
Farm Management, 412 Production of Crops & Animals	(2-0) 2	Rural Engineering, 322 Farm Shop	(1-2) 2
Animal Husbandry, 332 Swine Production	(1-2) 2	Science, 442 Field Control of Insects	(1-2) 2
Horticulture Canning	(1-2) 2	Farm Management, 422 Management of Successful Texas Farms	(2-0) 2
Infantry, 411 Military Training, 211		Infantry, 421 Military Science	
Electives	2	Electives	2

DESCRIPTION OF COURSES 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 2. 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, calling, 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 diarrhoea 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 fitting 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 and cultural 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 purposes 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.

RURAL EDUCATION 423. Supervised Practice records in Vocational Agricultural Education.

Course designed to teach the fundamental principles of costs of production in Farm enterprises.

RURAL EDUCATION 433. Visual Instruction.

Classroom instruction with lantern slides, making up educational exhibit for Fairs and Conferences. Use of pictures, maps, charts in offering instruction.

RURAL EDUCATION 473. Special Methods. (3-0) Credit 3.

Courses of study: Lesson plans, equipment, reference books, yearly outlines and surveys are some of the subjects considered in this course.

RURAL ENGINEERING 312. Graphic Methods. Credit 2. II.

Collecting, plotting and charting agricultural statistics. Presentation and illustration of data collected.

RURAL ENGINEERING 322. Farm Drainage. Credit 2 II.

Location and construction of ditches and terraces for farm land in Texas.

RURAL ECONOMICS 412, 422. Farm Management. (2-0) Credit 2, each semester.

A study of farm planning; choosing a farm, farm labor and equipment, farm tenantry and cropping and feeding system, and production costs. Second semester—Special emphasis placed on management of Texas Farms.

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 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.

Elementary principles of heredity and the general value of plant and animal breeding.

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

*J. 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

*On leave of absence for study 1933-34.

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.

All Freshmen and Sophomore students of the Division of Arts and Sciences, unless specifically excused by the Registrar before registration or the Director of the Arts and Sciences after registration, are required to follow the prescribed courses as set forth in the catalog.

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

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	(3-0) 3	Foreign Language	(3-0) 3
Plane Trig.		French or Spanish	
Foreign Language	(3-0) 3	Science, 123	(2-4) 4
French or Spanish		Inorg. Chem. or Biol.	

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Science, 114	(2-4) 4	*Physical Ed., 221	(0-3) 1
Inorg. Chem. or Biol.		Sophomore Practice	
*Physical Ed., 211	(0-3) 1	Military Science, 221	(0-3) 1
Sophomore Practice		Infantry	
Military Science, 211	(0-3) 1	**Elective	3
Infantry			

*For women students only.

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

Junior and Senior

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

DEPARTMENT OF EDUCATION

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

A. M. P. Wilson, A. M.	Dorothy Burdine, A. M.
G. W. Reeves, A. M.	A. C. Preston, A. M.
N. T. Archer, A. M.	M. B. Whiting, B. S.

Major Requirements

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, and must include three semester hours of Rural Education and three semester hours of Rural Sociology.

Minor Requirements

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.

Description of Courses

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. I.

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

EDUCATION 223. Problems of the Rural School Teacher (1-0) Credit 3. II.

Problems of daily program making, making the class schedule, combining classes, supervision of health, the teacher's 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. Rural Education for Elementary Teachers. (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 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 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.

EDUCATION 463. Mental Adjustments. (3-0) Credit 3. II.
A study of personality as an integrated force. The psychology of the unadjusted school child. Prerequisite: Education 353 or its equivalent.

GEOGRAPHY

GEOGRAPHY 203. Principles of Geography. (3-0) Credit 3. I or II.
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 PHYSICAL EDUCATION FOR WOMEN

Mr. 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.

Description of Courses

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, development exercise, Danish gymnastics.

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

DEPARTMENT OF ENGLISH

Mr. E. L. Sasser, Mr. G. W. Morton, Miss A. L. Campbell,
Mr. W. H. Houston, Miss E. O. Bloodworth
and Miss R. B. Johnson

Major Requirements

English	Course No.	Sem. Hrs.
Freshman Composition	113, 123	6
Sophomore Literature	213, 223	6
The English Language	353	3
The Romantic Movement	333	3
Victorian Literature	323	3
American Literature	363	3
Argumentation	313, or	
Usage	203, or	
Grammar	413	3
Drama	443, or	
Shakespeare	463	3
		<hr/>
Education		30
Foreign Language		24
Mathematics		12
Natural Science		6
Social Science:		8
Economics		6
Sociology		3
English History		3
Constitutional History		3
Philosophy or Ethics		3
		<hr/>
Total		98

Minors are required to present 21 semester hours, nine of which shall be above the level of sophomore requirements and include English 353, The English Language, and 363, American Literature.

Students who plan to major in English are expected to signify the fact by consultation with the Head of the Department before the end of the sophomore year.

DESCRIPTION OF COURSES

Courses for Freshmen

Freshman requirements must be satisfied fully before a student may pass on to the work of the sophomore year.

100. DRILL. (2-0) Credit 2. I.

Drill exercises in the fundamentals of English Usage. For those who through placement test scores of later work show need for this drill. The work is not required but is offered as an opportunity for those who wish to take advantage of it.

113. COMPOSITION. (3-0) Credit 3. I and II.

This course consists of study of essentials of English composition. Emphasis is placed upon expository writing. Some attention is given to Mythology and the reading of a standard work of fiction. Required of all Freshmen.

123. COMPOSITION. (3-0) Credit 3. I and II.

This course continues the work of 113 to include other forms of writing. Some attention is given to Public Speaking. Prerequisite: 113. Required of all Freshmen.

Courses for Sophomores

Prerequisite: Creditable completion of 113 and 123.

213. LITERATURE. (3-0) Credit 3. I.

Study of literature by types. Special emphasis upon principles of literary criticism, and an application of these principles to standard classics. Required of all sophomores in Arts and Sciences. Prerequisites: 113 and 123.

223. LITERATURE. (3-0) Credit 3. II.

The course continues the work of 213 with major emphasis upon Lyric poetry. Some attention will be given to Literature by American Negroes. Required of sophomores in Arts and Sciences. Prerequisites: 113 and 123.

233. PUBLIC ADDRESS. (3-0) Credit 3. I.

This course emphasizes the practical work of speech construction, organization and delivery. Some attention is given to journalistic writing. This, or its equivalent, 313, is required of vocational students. Prerequisites: 113 and 123.

243. LITERATURE AND COMPOSITION. (3-0) Credit 3. II.

Practice in writing along with the reading of representative literary selections. Major emphasis upon written composition. Required of vocational students. Prerequisites: 113 and 123.

203. USAGE. (3-0) Credit 3. I and II.

Practice in composition and mechanics. Open to all students who have satisfied freshman requirements. Designed for those students who need more practice in writing and especially for repeaters of Sophomore English. The course may be substituted for a failure in any sophomore course.

Courses for Upperclassmen

Prerequisite for all upperclassmen courses except 313 and 413: Creditable completion of Freshman and Sophomore requirements.

313. ARGUMENTATION. (3-0) Credit 3. I.

Study of the principles of argumentation, debating, briefing. Emphasis upon practical presentation. Elective for all students who have satisfied freshman requirements, and who secure the approval of the instructor in charge. May be substituted for any required sophomore course except 203. Prerequisite: 113 and 123.

333. THE ROMANTIC POETS. (3-0) Credit 3. I.

Intensive study of the poetry of the Romantic movements. Emphasis upon the poetry of Wordsworth, Coleridge, Byron, Shelly, Keats and Scott.

323. VICTORIAN LITERATURE. (3-0) Credit 3. II.

Study of representative selections from leading poets and prose writers of the period.

353. THE ENGLISH LANGUAGE. (3-0) Credit 3. I.

Study of the essential features in the growth and development of the language. Some attention is given to phonetics.

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.

413. ADVANCED GRAMMAR.

Intensive study of practical grammar. The course is especially recommended for those students who plan to teach in the public schools. Prerequisite: 113 and 123.

423. SHAKESPEARE. (3-0) Credit 3. II.

Brief introduction to Shakespearean drama, the character and condition of the age. Major emphasis upon detailed study of representative plays. (Not offered 1934-35).

443. THE DRAMA. (3-0) Credit 3. II.

Brief study of origin and development through representative types from the Greek period to the present.

463. THE NOVEL. (3-0) Credit 3. II.

Study of the relation between literature and social and economic conditions as revealed in outstanding examples in the field. Prerequisite: 24 hours of English.

DEPARTMENT OF MATHEMATICS

Mr. A. W. Randall, Mr. S. B. Taylor and Miss
L. N. Turner

Major Requirements

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

Solid Analytical Geometry	Projective Geometry
Modern Geometry	Advanced Calculus
Analytic Mechanics	Descriptive Geometry

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

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

DESCRIPTION OF COURSES

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 173, 183. Vocational Mathematics. (3-9) Credit 3. I or II.

A course designed for students of Home Economics, *Agriculture, and applicants for Elementary Teachers' Certificates. It includes a thorough review of the fundamental operations in arithmetic. Problems in home making, food, clothing, farm and dairy, investment and insurance are given.

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

*One semester only is required for students of Agriculture.

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 363. Intermediate Calculus. (3-0) Credit 3. II.

A very comprehensive course of selected topics not found in a first course on differential and integral calculus. Prerequisite: Mathematics 223 and 313.

MATHEMATICS 413. 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 413. 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 312.

DEPARTMENT OF MODERN FOREIGN LANGUAGES

Mr. C. E. Carpenter and Miss J. L. Terry

No major offered.

Eighteen hours in one subject are necessary for a minor in languages, six hours of which must be in courses numbered 300 and above.

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

DESCRIPTION OF COURSES**FRENCH**

113, 123. **ELEMENTARY FRENCH.** (3-0) Credit 3 each semester.

The linguistic foundation of French including the mastery of French phonetics; special emphasis on verbs and idiomatic usage.

213, 223. READING AND GRAMMAR REVIEW. (3-0) Credit 3. I.

French conversation, idiom and verb drill. The reading material is simple and graded to review and emphasize the principles of French Grammar and syntax. Outside reading is assigned to students who show ability. Prerequisite: French 123.

223. READING AND GRAMMAR REVIEW (Continued). (3-0)
Credit 3. II. Prerequisite: French 213.

SPANISH

113, 123. ELEMENTARY SPANISH. (3-0) Credit 3 each semester.

Drill on the principles of pronunciation and grammatical construction. During the second semester special emphasis is placed on the review of grammatical principles previously learned, on reading and on reproduction of materials from dictation.

213, 223. ADVANCED GRAMMAR AND READINGS. (3-0) Credit 3 each semester.

Grammar review, study of idioms and idiomatic usage, conversation, memorization, and practice in reading as literature. During the second semester special emphasis is put on the study of reflexive verbs and on the formation and use of the subjunctive mode. Prerequisite: 123 or equivalent.

313. SPANISH PROSE AND FREE COMPOSITION. (3-0) Credit 3. I.

The prose tales of Pedro Antonio de Alcarcon will be used as a basis for the composition work, for class reading, translation and discussion. Prerequisite: Spanish 223.

323. GRAMMAR REVIEW AND METHODS. (3-0) Credit 3. II.

Methods of language instruction along with a review of the salient principles of grammar and pronunciation.

DEPARTMENT OF MILITARY SCIENCE

Captain E. L. Dabney, Inf.-Res., U. S. Army, Head

L. W. Robbins, B. S., 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 Defense 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.

Description of Courses

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: Combat principles; military history. (b) Practical: Command and leadership as officers and instructors; combat principles. Prerequisite: Military Science 321.

NATURAL SCIENCE DEPARTMENT

Mr. R. P. Perry, Mr. W. M. Booker, Mr. M. G. Randall,
Mr. H. G. Dickerson and Mr. B. C. Young

BIOLOGY

Major and Minor Requirements

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.

Description of Courses

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, porifera, coelenterata, echinoderms, platyhelminths, nemathelminths, and annelids. Considerable time is spent in classification and life histories of organisms. Prerequisite: Biology 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 314. Human Anatomy and Physiology. (2-4) Credit 4. I.

This course is concerned with the anatomy and physiology of the skeleton, muscular, and nervous systems. Prerequisite: Chemistry 124. Arts and Sciences students should present Biology 124 or its equivalent.

BIOLOGY 324. Human Anatomy and Physiology. (2-4) Credit 4. II.

A continuation of Biology 314. The anatomy and physiology of the circulatory, respiratory, digestive, reproductive and endocrine systems are considered in detail. Prerequisite: 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. I

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. Prerequisite: Biology 224.

BIOLOGY 414. Vertebrate Embryology (2-4) Credit 4. II.

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. II.**
Various morphological theories are discussed. Students are assigned reports which they present at the meeting of the class. For Senior students only.

BIOLOGY 431. Research. (0-2) Credit 1. II.
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**Major and Minor Requirements**

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 113, 123, 213, 223; and Physics 214, 224.

DESCRIPTION OF COURSES

CHEMISTRY 100. Elementary Chemical Calculation. (2-0) (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.

*Offered 1935-36.

CHEMISTRY 114, 124. Inorganic Chemistry and Qualitative Analysis (2-4) Credit 4. I. and II.

The course embraces an intensive study of the laws and theories, along with a wide comparative study of the elements in the light of the periodic system. Qualitative analysis, involving tests for and 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 materials, 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 (3-2) Credit 3. I or II.

Primarily for Mechanic Arts students, but may be taken by students in Chemistry. Blast furnace operation, puddling, cementation; crucible steel, Bessemer processes, open hearth process, 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 or II.
Lectures and assigned readings dealing with the chemistry and mechanism of inorganic reactions.

**CHEMISTRY 403. Industrial Analysis. (0-6) Credit 3. I.
A laboratory course in the examination of boiler waters, solid and gaseous fuels, lubricants and cement. Prerequisite: Chemistry 2244.

†CHEMISTRY 404. Biochemistry. (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 feces. 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 homogenous organic reactions. Prerequisite: Chemistry 325.

CHEMISTRY 414, 424. Physical Chemistry. (2-4) Credit 4. I. and II.
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 432. Inorganic Preparations. (3-0) Credit 3. I or II.
A laboratory course in the preparation of typical inorganic compounds. Prerequisite: Chemistry 224.

CHEMISTRY 442. Organic Preparations. (1-4) Credit 3. I or 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. and II.
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.

*Offered in 1934-35

**Offered in 1933-34; omitted in 1934-35.

†Offered in 1934-35.

‡Omitted in 1934-35.

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 and 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. General Physics. (2-4) Credit 4 each semester. I. and II.

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 303. Dynamo Electric Machinery. (3-0) Credit 3. I.

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. I. and II. Prerequisites: College Physics.

PHYSICS 404. Physical Optics. (2-4) Credit 4. I or II.

A study of wave motion, lenses, light and spectrum. Prerequisites: College Physics.

SOCIAL SCIENCE DEPARTMENT

Mr. F. A. Jackson, Mr. H. A. Bullock, Mr. B. V. Watkins,
Mr. P. E. Bledsoe and Mr. L. C. Phillip

ECONOMICS

Major Requirements

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
Education (High School Methods)	3 hours

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

Description of Courses

ECONOMICS 303. Survey 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. 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 403. Money and Banking. (3-0) Credit 3. I. or II.

History of money; bimetalism; 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.

ECONOMICS 493. Business Law. (See Mechanic Arts 483 for description).

HISTORY

Description of Courses

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
Education (High School Methods)	3 hours

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

Description of Courses

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

Survey course 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.

Renaissance; Reformation; rise of middle class; foundation of democracy. Second semester: Napoleonic Wars; Reform Movement; Imperial rivalry; World War; recent trends.

HISTORY 213. English History. (3-0) Credit 3. I.

Survey course of English History from earliest time to the present. Background course for American History.

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

Colonization; formation of National Government; political parties; slavery question; Civil War; reconstruction; World War; Current American problems.

HISTORY 423. American Diplomacy. (3-0) Credit 3. II.

Foreign policy during Revolution; Napoleonic Wars; rising nationalism; slavery; Latin American relations; "Big Sister" Policy in the Carribean. Prerequisites: History 313 and 323.

HISTORY 403. History of the Negro in America. (3-0) Credit 3. I or II.

The American Negro and his background. Wide reading in source material.

GOVERNMENT

GOVERNMENT 123. American National Government. (3-0) Credit 3. II.

The American Political System. The Constitution and Principles.

GOVERNMENT 223. Introduction to Political Science. (3-0) Credit II.

Cause and Evolution of the state; theories of state; sovereignty; executives; law and colonial government.

GOVERNMENT 333. American City Government and Parliamentary Law. (3-0) Credit 3. I.

Government of American Cities; political parties, organization and procedure.

GOVERNMENT 343. State and Local Government. (3-0) Credit 3. II.

Origin and growth of State Constitution; county, town and township governments and growth; emphasis on Texas Constitution and Government.

PHILOSOPHY

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

Introduction to field of Philosophy.

PHILOSOPHY 323. Ethics. (3-0) Credit 3. II.

Development of moral codes and ideals; conflicts of interest; personal and social ethics; ethical theories and principles.

PHILOSOPHY 403. Logic. (3-0) Credit 3. I or II.

Study of methods of correct reasoning, deductive proof, arguments. (Open only to Pre-Med students) or special permission.

SOCIOLOGY

Major Requirements

Students majoring in the Social Sciences (Group II) 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
Education (High School Methods)	3 hours

*May shift 3 hours to Sociology.

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

Minor Requirements

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.

Description of Courses

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 402. Civic Sociology: Modern and Social Health Movements. See Nursing Education 442 for description.

SOCIOLOGY 402. Civic Sociology: Modern and Social Health Movements. (See Nursing Education 442 for description.)

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

***SOCIOLOGY 343.** Social Psychology. Credit 3. I.
The psychic basis of social life, social attitudes and the development of personality.

DEPARTMENT OF MUSIC

Mr. L. R. Robbins, and Miss M. M. Thurman

FOR A DEGREE WITH MUSIC MAJOR

Music Majors are offered in Piano, Voice and Public School Music.

FRESHMAN

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
English, 113	(3-0) 3	English, 123	(3-0) 3
Composition & Rhetoric		Composition & Rhetoric	
Education, 113	(3-0) 3	Education, 123	(3-0) 3
Intro. to Ed. & Tch.		Elem. Sch. Subjects	

*Offered in alternating years.

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
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 *Physical Ed., 111	(3-0) 3 (0-3) 1	Major Subj. (1½-4) or *Physical Ed., 121	(3-0) 3 (0-3) 1
Freshman Practice		Freshman Practice	
Military Science, 111 Infantry	(0-3) 1	Military Science, 121 Infantry	(0-3) 1
Orchestra, 153	1	Orchestra, 163	1

*For women students only.

SOPHOMORE

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
English (Elective)	(3-0) 3	English (Elective)	(3-0) 3
Educatoin (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 Elective	(3-0) 3 6 or 3
Major Subj. (1½-4) or Elective	(3-0) 3 3	Military Science	(0-3) 1
Military Science Infantry	(0-3) 1	Infantry	
*Physical Ed., 211	(0-3) 1	*Physical Ed., 221	(0-3) 1
Sophomore Practice		Sophomore Practice	
Orchestra, 253	1	Orchestra, 263	1

*For women students only.

JUNIOR

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Major Subj. (1½-3) or Social Science	(3-0) 3 (3-0) 3	Major Subj. (1½-3) or Social Science	(3-0) 3 (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
Orchestra, 353	1	Orchestra, 363	1

SENIOR

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Major Subj. (1½-4) or Education	(8-0) 8 (3-0) 3	Education Major Subj. 1½-14) or	(3-0) 3 (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
Orchestra, 453	1	Orchestra, 463	1

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 take 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.

DESCRIPTION OF COURSES

MUSIC 103. Preparatory Drill in Violin.

Lavureaux Books L-4. O. Sevcik, (School of Violin Technic) Wohlfahrt, Op. 45, B. I. & II; Kayser, Op. 20, Books I. and II., Sitt.

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 203. Intermediate Violin.
Don't Studies, Opus 37; Sonatas, A & E Major, Handel, Sitt, Mayas, Opus 36, Concertos, Viott, No. 23; Kruetzer, No. 13.
- 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 303. Kreutzer, Haliar, Scale Studies.
Dancla Opus 73, Concertos, Viotti, No. 23; Concertos by Vivaldi-Nancher.
- 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 musical illustrations. This study will include contemporary music.
- MUSIC 408, 418. Violin.
Fiovillo and Rode 24 Caprices; Concertos Rode, No. 7, Mendelsshon, St. Saens, Vieuxtemps.
- MUSIC 418, 428. Advanced Piano. (1½-14) Credit 8 each semester.
Reportory 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 departments.

DIVISION OF HOME ECONOMICS

Miss E. C. May, M. S. in H. E., Director

Miss E. J. Anderson, M. S.	Miss H. Bryant, B. S.
Miss M. L. Powell, M. S.	Miss I. Wright, M. A.
Mrs. G. C. Peters, M. S.	Mrs. A. L. Ross, M. S.

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

SOPHOMORE

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
English, 233	(3-0) 3	English	(3-0) 3
Journalism		Elective	

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Chemistry, 214	(2-4) 4	Chemistry, 224	(2-4) 4
Organic		Organic	
Education, 233	(3-0) 3	Education, 223	(3-0) 3
Elementary Methods		Rural Education	
Foods, 213	(1-4) 3	Foods, 223	(1-4) 3
Elementary Nutrition		Elementary Nutrition	
Biology, 313	(2-2) 3	Biology, 323	(2-2) 3
Prin. of Physiology		Prin. of Physiology	
Physical Ed., 211	(0-3) 1	Physical Ed., 221	(0-3) 1
Sophomore Practice			

JUNIOR

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Education, 313	(3-0) 3	Education, 343	(3-0) 3
Classroom Management		Child Psychology	
Economics, 313	(3-0) 3	Sociology, 323	(3-0) 3
Survey of Economics		The Family	
Biology, 314	(2-4) 4	Education, 363	(3-0) 3
Bacteriology		H. E. Methods	
Clothing, 313	(1-4) 3	Clothing, 323	(1-4) 3
Children's Clothing		Adv. Cloth. Construction	
House, 312	(2-0) 2	House, 322	(2-0) 2
Planning & Furnishing		Management	
Physical Ed. 111	(0-3) 1		
Freshman Practice			

SENIOR

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
*Education, 401	(1-0) 1	H. E. Agri., 422	(2-0) 2
H. E. Problems		Home Nursing, 422	(2-0) 2
**Education, 403	(1-5) 3	Foods, 423	(1-4) 3
Student Teaching		Advanced Nutrition	
**House, 403	(1-4) 3	Art, 422	(0-4) 2
Practice House & Family Relationships		Applied Art	
*Taken same semester as student Teaching			
**Taken either semester.			

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Parental Ed., 413	(3-0) 3	Clothing, 423	(1-4) 3
Child Care & Training Foods, 413	(1-4) 3	Problems in Advanced Clothing	
Advanced Nutrition		Electives:	
Parental Ed., 411	(1-4) 1	Clothing, 422	(0-4) 2
Nursery School Obser.		Modeling & Draping	
Clothing, 412	(1-4) 3	Foods, 402	(1-2) 2
Costume Design		Quantity Cooking	
Electives	2		

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, 112. Related Art. (0-4) Credit 2 each semester.
Art Principles and their application to home problems.

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 caring for the sick in the home.

Department of Foods

FOODS 213. Elementary Nutrition. (1-4) Credit 3. I.
Relation of food and health. Etiquette in various methods of preparing and serving meals.

FOODS 223. Food Problems. (1-4) Credit 3. II.
Scientific principles applied to cooking processes. Emphasis on management factors including budgets on time and money involved in meal preparation.

FOODS 413, 423. Advanced Nutrition. (1-4) Credit 3 each semester.
Principles of normal human nutrition and application made of them to practical feeding problems of the individual.

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.
Selection, construction and care of fabrics and clothing.

CLOTHING 313. Children's Clothing. (1-4) Credit 3. I.
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 412. Costume Design. (0-4) Credit 2. I.
Design and its direct relation to clothing. It is based upon Art 112 and is a prerequisite to Clothing 423.

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

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.

Department of the House

THE HOUSE 312. House Planning, Furnishing. (2-0) Credit 2. I.
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.
Designed to give the student an opportunity to study some of the financial problems of the home.

THE HOUSE 034. Supervised Household Management--Practice House. (1-14) Credit 3. I. or II.
Experiences in group living and opportunities to practice skills and techniques. A course of six weeks duration.

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 larger beauty parlors and also to prepare her to take complete charge of a shop in a small town.

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.

Dyeing and Cleaning (Two Years)

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

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

Dressmaking (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 not only to be a competent cook, but will also be able to manage cafeterias, restaurants, 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.

DIVISION OF MECHANIC ARTS

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

L. I. Miller, B. S. in C. E.
C. L. Wilson, M. E., M. S.
F. G. Fry, B. S. in E. E.
N. A. Jones,
R. F. Johnson
Wm. Cook
J. M. Wilson
R. Adams
G. C. Bell

H. E. Fuller
**Sadie Allen Johnson
A. G. Cleaver
Edward Johnson
**T. H. Brittain
Henrietta Farrell, B. S.
**Chas. G. Oler
E. G. Henry, B. S.
I. J. Collier

D. W. Martin, B. S.

*On leave to study.

**Part year.

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

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, Plumbing and Steamfitting, Brickmasonry and Plastering, Tailoring, Carpentry and Cabinet Making, and Painting and Decorating 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 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 advance 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.

OUTLINE OF COURSES IN MECHANIC ARTS DIVISION MECHANIC ARTS

FRESHMAN

	Sem. Hrs.	Second Semester	Sem. Hrs.
First Semester			
English, 113	(3-0) 3	English, 123	(3-0) 3
Comp. & Rhetoric		Comp. & Rhetoric	
Education, 113	(3-0) 3	Education, 123	(3-0) 3
Intro. to Education		Psychology or Elementary	
Chemistry, 114	(2-4) 4	School Subjects	
Inorganic		Chemistry, 134	(2-4) 4
Mathematics, 113	(3-0) 3	Qualitative Analysis	
College Algebra		Mathematics, 123	(3-0) 3
Mechanic Arts, 112	(0-4) 2	Trigonometry	
Engineering Drawing		Mechanic Arts, 121	(0-4) 2
Military Science, 111	(1-2) 1	Descriptive Geometry	
Infantry		Military Science, 122	(1-2) 1
Shop Work	(0-4) 2	Infantry	
		Shop Work	(0-4) 2

SOPHOMORE

	Sem. Hrs.	Second Semester	Sem. Hrs.
First Semester			
Education, 233	(3-0) 3	Psychology, 203	(3-0) 3
Elem. School Methods		General Psychology	

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Physics, 214	(2-4) 4	Physics, 224	(2-4) 4
General Physics		General Physics	
Mathematics, 213	(3-0) 3	Mathematics, 223	(3-0) 3
Analytic Geometry		Calculus I.	
Mechanic Arts, 213	(3-0) 3	History, 103	(3-0) 3
Mechanism		Constitutions	
Mechanic Arts, 232	(0-4) 2	Mechanic Arts, 263	(0-6) 3
Machine Drawing		Surveying	
Military Science, 211	(1-2) 1	Military Science, 221	(1-2) 1
Infantry		Infantry	
Shop Work	(0-4) 2	Shop Work	(0-4) 2

JUNIOR

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Education, 313	(3-0) 3	Education, 333	(3-0) 3
Classroom Management		Methods in Sec. Ed.	
Mathematics, 313	(3-0) 3	Mechanic Arts, 383	(3-0) 3
Calculus II.		Heat Engines	
Mechanic Arts, 313	(3-0) 3	Mechanic Arts, 323	(3-0) 3
Applied Mechanics		Strength of Materials	
Mechanic Arts, 333	(0-6) 3	Mechanic Arts, 343	(0-6) 3
Architectural Drawing		Architectural Drawing	
Chemistry, 313	3	Mechanic Arts, 363	(3-0) 3
Ferrous Metallurgy		Electricity	
Military Science, 311	(1-2) 1	Military Science, 321	(1-2) 1
Infantry		Infantry	
Shop Work	(0-4) 2	Shop Work	(0-4) 2

SENIOR

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Mechanic Arts, 413	(3-0) 3	Mechanic Arts, 423	(3-0) 3
Hydraulics		Reinforced Concrete	
Mechanic Arts, 433	(3-0) 3	Mechanic Arts, 443	(0-6) 3
Heating and Ventilation		Design	
Mechanic Arts, 412	(0-4) 2	Mechanic Arts, 483	(3-0) 3
Graphic Statics		Estimating	
Mechanic Arts, 493	(3-0) 3	Mechanic Arts, 422	(2-0) 2
Business Law		Engineering English	

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Education, 453	(3-0) 3	Education, 483	(1-5) 3
Vocational Education		Practice Teaching	
Mechanic Arts, 473	(3-0) 3	Mechanic Arts, 463	(3-0) 3
Communicative Eng.		Shop Management	
Military Science, 411	(1-2) 1	Military Science, 421	(1-2) 1
Advanced Infantry		Advanced Infantry	

INDUSTRIAL EDUCATION

FRESHMAN

(Same as for Mechanic Arts)

SOPHOMORE

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Education, 233	(3-0) 3	Education, 273	(3-0) 3
English, 233	(3-0) 3	English, 223	(3-0) 3
Journalism		English Literature	
Physics, 214	(2-4) 4	Physics, 224	(2-4) 4
Mechanic Arts, 232	(0-4) 2	Mechanic Arts, 242	(0-4) 2
Mechanical Drawing		Mechanical Drawing	
Military Science, 211	(1-2) 2	Military Science, 221	(1-2) 2
Infantry		Infantry	
Industrial Ed., 212	(0-4) 2	Industrial Ed., 222	(0-4) 2
Shop Work		Shop Work	

JUNIOR

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Education, 313	(3-0) 3	Education, 333	(3-0) 3
Education, 393	(3-0) 3	Education, 383	(3-0) 3
Economics, 319	(3-0) 3	Industrial Ed., 363	(3-0) 3
Intro. to Economics		Vocat. Guidance	
Government, 353	(3-0) 3	Economics, 363	(3-0) 3
Amer. Indus. History		Prin. of Economics	
Mechanic Arts, 333	(0-6) 3	Mechanic Arts, 343	(0-6) 3
Architectural Drawing		Architectural Drawing	
Military Science, 311	(1-2) 1	Military Science, 321	(1-2) 1
Advanced Infantry		Advanced Infantry	
Industrial Ed., 312	(0-4) 2	Industrial Ed., 322	(0-4) 2
Shop Work		Shop Work	

SENIOR			
First Semester		Second Semester	
Subject	Hrs.	Subject	Hrs.
Industrial Ed., 413	(3-0) 3	Mechanic Arts, 463	(3-0) 3
Organization & Manag.		Shop Management	
Education, 453	(3-0) 3	Industrial Ed., 423	(3-0) 3
Vocational Education		Job Analysis	
Industrial Ed., 433	(3-0) 3	Industrial Ed., 443	(3-0) 3
Trade Analysis		Course Making	
Industrial Ed., 412	(0-4) 2	Industrial Ed., 422	(0-4) 2
Shop Work		Shop Work	
Military Science, 411	(1-2) 1	Military Science, 421	(1-2) 1
Advanced Infantry		Advanced Infantry	
Elective	4	Elective	4

TRADE COURSES

(The following trade courses are outlined for students who desire to take a straight trade course. "Hrs" represent clock hours per week devoted to subjects).

Auto Mechanics Two Years		Broom & Mattress Making One Year	
Subject	Hrs.	Subject	Hrs.
Shop Practice	15	Shop Practice	15
Drawing	6	Drawing	6
Mathematics	4	Mathematics	4
English	3	English	3
Science	2	Science	2
Brick Masonry & Plastering Three Years		Electrical Repair Work Two Years	
Subject	Hrs.	Subject	Hrs.
Shop Practice	15	Shop Practice	15
Drawing	6	Drawing	6
Mathematics	4	Mathematics	4
English	3	English	3
Science	2	Science	2
Carpentry & Cabinet Making Three Years		Machine Shop Practice One Year	
Subject	Hrs.	Subject	Hrs.
Shop Practice	15	Shop Practice	15
Drawing	6	Drawing	6
Mathematics	4	Mathematics	4
English	3	English	3
Science	2	Science	2

Laundry & Dry Cleaning Two Years		Printing & Linotype Operating Two Years	
Subject	Hrs.	Subject	Hrs.
Shop Practice	15	Shop Practice	15
Drawing	6	Drawing	6
Mathematics	4	Mathematics	4
English	3	English	3
Science	2	Science	2
Plumbing & Steam Fitting Three Years		Stationary Engineering Two Years	
Subject	Hrs.	Subject	Hrs.
Shop Practice	15	Shop Practice	15
Drawing	6	Drawing	6
Mathematics	4	Mathematics	4
English	3	English	3
Science	2	Science	2
Shoe Making Two Years		Tailoring & Garment Making Three Years	
Subject	Hrs.	Subject	Hrs.
Shop Practice	15	Shop Practice	15
Drawing	6	Drawing	6
Mathematics	4	Mathematics	4
English	3	English	3
Science	2	Science	2
Painting and Decorating Three Years			
Subject	Hrs.		
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; Tailoring; Carpentry and Painting and Decorating.

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 122.

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 232, 242. Mechanical Drawing. (0-4) Credit 2 each semester.
Projection drawing, developments, intersections, and the elements of sheet metal drafting. Prerequisite: Descriptive Geometry 122. 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 rectilinear 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 draftmanship. Prerequisite: Descriptive Geometry 122. Second semester: Preparing working drawings, and specifications for residence 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. (3-0) Credit 3. II.
Heating power engineering including thermodynamics, steam engines, boilers, turbines, internal combustion engines, fuel and combustion, power plant equipment, and air compressors. Prerequisite: 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) Credit 2. 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. 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 automotive 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. (3-0) 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) (0-4) Credit 2. 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 semester.

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 tasks.

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 432. 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 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 disassembly 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.

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.

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.

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 allotted 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 back corn, cutting shoulders, covering brooms, putting hurl corn, forming the bead, velveting the bead, also the making of warehouse brooms, beading and banding, scraping and sewing, clipping and bundling in dozen lots. The course also includes cost estimates and instruction regarding the selection and care of tools and equipment.

MATTRESS MAKING. This course includes instruction in making and repairing of mattresses of all sizes and shapes, the amount of

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

Carpentry and Cabinet Making

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

DRAWING. 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 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

This course is outlined to cover a period of two years. It includes the study of commercial methods of generating electric current, simple electrical circuits, electrical conventions, electric cells, wiring, material, wiring for light and power, transformers, and the testing, operation and repair of circuits and appliances.

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.

Course in Machine Shop Practice

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, and 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 and physical properties of machinery materials.

MECHANICAL DRAWING. In drafting the aim is to give the student familiarity with the working drawings so that he may read a drawing intelligently and work from it and make when necessary his own working drawings. Attention is given to rough freehand dimensions and sketching. General use and care of drawing instruments. Freehand lettering, proper placing of machine parts and practical drill in projections. Conventions in pipe sizes. Drawing from sketches and data. Making details from layout or assembly drawings.

Painting and Decorating

The object of this course is to train competent journeymen in the field of painting and decorating.

DRAWING. This course includes lettering, designing and stencil writing.

HOUSE PAINTING. This course includes both exterior and interior painting and the treatment of floors and hardwood. The student is given thorough knowledge and training in the mixture of paints, color matching, and the use of ready mixed commercial paints and varnishes.

PAPER-HANGING. This course consists of preparation of surfaces to be papered, a study of the various commercial paperhanger's pastes and their mixture; the proper procedure in handling different grades and patterns of paper, and estimating.

FURNITURE FINISHING. This course includes training in dyeing and staining the various kinds of wood, the use of wood fillers,

shellacing, sanding, varnishing, enamelling, application of lacquer, the application of stencil designs and furniture polishing.

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, developments and intersections with practical applications to shoemaking. It includes the making of patterns from measurements and fittings.

LEATHER MANUFACTURE AND USES. This course will not only include a study of the different kinds of leather, but will also give the student a thorough knowledge of the 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:—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.

Shop Practice includes practice in shaping, filing babbiting, soldering, drilling and turning; practice in cutting and threading pipe, connecting boilers, engines and pumps to water and steam lines; practice in the operation of the return 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 high speed cut-off engines, and air compressors; 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, development and drafting of patterns.

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.

BUSHING. 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

W. C. Anderson, M. D.

D. R. Miller, M. D.

M. S. Brannon, R. N.

B. K. Williams, R. N.

B. L. Chatham, R. N.

C. M. Mosby, R. N.

M. A. Watson, R. N.

J. J. May

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 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

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

SECOND YEAR

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

THIRD YEAR

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Nursing Ed., 324	(1-6) 4	Nursing Ed., 321	(0-3) 1
Obsterical Nursing		Drugs & Solutions	
Nursing Ed., 412	(1-2) 2	Nursing Ed., 422	(2-0) 2
Surgical Specialities		Medical Specialties	
Nursing Ed., 452	(2-0) 2	Nursing Ed., 421	(1-0) 1
Psychiatric Nursing		Eye, Ear, Nose, Throat	

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Nursing Ed., 432	(2-0) 2	Nursing Ed., 442	(2-0) 2
Emergency & First Aid		Modern Social and	
Nursing Ed., 472	(2-0) 2	Health Movements	
A survey of the nursing field		Nursing Ed., 122	(2-0) 2
and Professional problems		Hygiene & Sanitation	
Nursing Ed., 344	(1-6) 4	Nursing Ed., 312	(2-0) 4
Pediatrics and Infant		Advanced Nursing	
Feeding		Chemistry	(2-4) 4
		Nursing Chemistry	

FOURTH YEAR

Jefferson Davis Hospital (Either Semester)	Sem. Hrs.	Sem. Hrs.	
		Nursing Ed., 402	(1-2) 2
		Elementary Pathology	
		Nursing Ed., 4X2	(2-2) 3
		Prin. and Prac. of	
		Dietotherapy	
		Nursing Ed., 401	(1-0) 1
		Prin. of Dermatology	
		and Tuberculosis	
		Nursing Ed., 406	(2-4) 4
		Operating room, Technique	
		& Nursing Procedures	
		Economics, 313	(3-0) 3
		Prin. of Economics	

FIFTH YEAR

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Parental Ed., 413	(3-0) 3	Elective	3
Child Care		Education, 203	(1-5) 3
Education, 333	(3-0) 3	Elem. Prac. Teaching	
Modern Methods in		Nursing Ed., 523	(3-0) 3
High School		Ward Management	
Nursing Ed., 513	(3-0) 3	History, 323	(3-0) 3
Ward Management		U. S. History	
History, 313	(3-0) 3	Sociology, 223	(3-0) 3
U. S. History		Race Relations	
Education, 463	(3-0) 3		
Mental Adjustment			

OUTLINE OF THREE-YEAR COURSE OF STUDY

FRESHMAN

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
English, 113	(3-0) 3	English, 123	(3-0) 3
Comp. & Rhetoric		Comp. & Rhetoric	
Chemistry	(2-4) 4	Nursing Ed., 122	(2-2) 2
Nursing		Bacteriology for Nurses	
Nursing Ed., 113	(3-0) 3	Nursing Ed., 122	(2-0) 2
Prin. & Prac. Nursing		Hygiene & Sanitation	
Nursing Ed., 132	(2-0) 2	Nursing Ed., 123	(3-0) 3
Ethics & Hist. of Nursing		Prin. & Pract. of Nursing	
Nursing Ed., 153	(2-2) 3	Nursing Ed., 143	(3-0) 3
Anatomy & Physiology		Applied Psychology	
Nursing Ed., 133	(1-4) 3	Nursing Ed., 163	(2-2) 3
Dietics		Anatomy & Physiology	
Physical Ed., 133		Nursing Ed., 153	(3-0) 3
		Materia Medica	

JUNIOR

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Nursing Ed., 373	(2-0) 2	Nursing Ed., 352	(2-0) 2
Medical Nursing		Gynecology	
Nursing Ed., 311	(1-0) 1	Nursing Ed., 312	(1-2) 2
Case Study		Advanced Nursing	
Nursing Ed., 332	(2-0) 2	Nursing Ed., 322	(2-0) 2
Advanced Ethics		Surgical Nursing	
Nursing Ed., 344	(1-4) 4	Nursing Ed., 321	(0-2) 2
Pediatrics & Infant Feeding		Drugs & Solutions	
Nursing Ed., 324	(1-6) 4		
Obstetrical Nursing			

SENIOR

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Nursing Ed., 412	(1-2) 2	Nursing Ed., 422	(2-0) 2
Surgical Specialties		Medical Specialties	
Nursing Ed., 452	(2-0) 2	Nursing Ed., 421	(1-0) 1
Psychiatric Nursing		Nursing in Diseases of Eye, Ear, Nose & Throat	

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Nursing Ed., 432	(2-0) 2	Nursing Ed., 442	(2-0) 2
Emergency Nursing and First Aid		Modern Social & Health Movements	
Nursing Ed., 431	(1-0) 1	One semester will be spent in Jefferson Davis Hospital, Houston, Texas.	
Survey of the Nursing Field & Professional Problems			

DESCRIPTION OF COURSE OF STUDY

PHYSICAL EDUCATION 111. See Division of Arts and Sciences.

NURSING EDUCATION 114, 124. Principles and Practices of Nursing. (2-4) Credit 4 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.

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 Nightengale and to teach the proper behavior with a formulation of a clear and more definite philosophy of life. Secondly, from a standpoint of history, its aim is to arouse interest in nursing as an occupation by acquainting the student with the great leaders of nursing, its long and splendid history, and the tradition and ideals of nursing.

NURSING EDUCATION 133. Dietics. (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 nu-

tritive 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 course in psychiatry.

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

To stimulate in the student an interest in and 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 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.

THE ALUMNI AND EX-STUDENT ASSOCIATION

The Alumni and Ex-Student Association of Prairie View State College was organized in 1901. Graduates and all ex-students who have been honorably dismissed are eligible for membership.

The Association maintains an executive office at the College with the following officers:

O. J. Thomas, president, Cameron, Texas; Mrs. J. H. Robertson, first vice-president, Houston, Texas; Mrs. J. J. Davis, second vice-president, Houston, Texas; Lee C. Phillip, executive secretary, Prairie View State College; Rubye L. Rush, recording secretary, Prairie View State College; R. T. Tatum, treasurer, Beaumont, Texas; Mrs. C. W. Lewis, pianist, Prairie View State College; Mr E. D. Fleeks, sergeant-at-arms, Crockett, Texas.

Alumni Day is observed annually on Saturday before commencement of the regular session.

ENROLLMENT
REGULAR SESSION
1933-1934

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
Acrey, Mildred K.	H. E.	Nacogdoches, Texas
Adams, John E.	M. A.	Wallace, Texas
Allison, Johnnie R.	A. & S.	Houston, Texas
Andrews, Arthurayne J.	H. E.	Dallas, Texas
Armstrong, Beuna K.	H. E.	Corsicana, Texas
Ashford, Gladys B.	H. E.	Ennis, Texas
Askey, Ruby Fae,	A. & S.	Fort Worth, Texas
Austin, James C.	M. A.	Galveston, Texas
Baldwin, Leandra	A. & S.	Liberty, Texas
Barrett, Edna K.	A. & S.	Liberty, Texas
Bell, Freddia,	A. & S.	Longview, Texas
Benford, Celia B.	H. E.	Austin, Texas
Berry, B'anche A.	A. & S.	Fort Worth, Texas
B'air, Ida Mae	H. E.	Temple, Texas
Blakey, Christine	A. & S.	Nacogdoches, Texas
B'ock, Willie M.	Ag.	Gause, Texas
Bolding, Ray Doloris	H. E.	Houston, Texas
Booker, Velma L.	A. & S.	Palestine, Texas
Bradley, Vaddie M.	A. & S.	Allen, Texas
Brasmon, Ernestyne L.	A. & S.	Dallas, Texas
Brooks, Dorris M.	A. & S.	Calvert, Texas
Brown, Frankie M.	H. E.	Sour Lake, Texas
Bundage, Arthur J.	A. & S.	Houston, Texas
Butler, Erma Bernice	A. & S.	Pa'estine, Texas
Calhoun, Sarah A.	A. & S.	Houston, Texas
Campbell, Mabeline	N. E.	Lafayette, La.
Carpenter, Francis	M. A.	Prairie View, Texas
Carson, Virginia	H. E.	Oakwood, Texas
Carter, Willie James	Ag.	Kirven, Texas
Cat'on, Mary L.	A. & S.	Lake Charles, La.

Name	Division	Address
Cleaver, Cornell G.	H. E.	Prairie View, Texas
Clopton, Roosevelt	M. A.	Kerens, Texas
Cockrell, Ben J.	Ag.	Simonton, Texas
Cockrell, Lucy B.	N. E.	Simonton, Texas
Cockrell, Thomas	Ag.	Simonton, Texas
Cole, Mattie I.	H. E.	Kildare, Texas
Coleman, Barney	M. A.	Hearne, Texas
Collier, Edna C.	H. E.	Austin, Texas
Collier, Inez	H. E.	Dime Box, Texas
Craft, Elizabeth E.	H. E.	Fulshear, Texas
Crockett, Earl V.	Ag.	Nacogdoches, Texas
Cunningham, I. C.	Ag.	Bryan, Texas
Daugherty, Lenoria	H. E.	Dekalb, Texas
Davis, Anna F.	H. E.	Nacogdoches, Texas
Davis, Elma A.	H. E.	La Grange, Texas
Davis, Juanita	H. E.	Nacogdoches, Texas
Davis, Lewis Connie	A. & S.	Houston, Texas
Davis, Ruby Jewell	A. & S.	Galveston, Texas
Dean, Ethel V.	A. & S.	Mineral Wells, Texas
Deblanc, Lawrence	A. & S.	Port Arthur, Texas
Deese, Venice	Ag.	Sunnyside, Texas
Duval, Mable V.	A. & S.	Chapel Hill, Texas
Fields, Lillian E.	A. & S.	Kerens, Texas
Flack, Birdie L.	A. & S.	Prairie View, Texas
Flanagan, Maggie K.	A. & S.	Galveston, Texas
Flemings, Elizabeth D.	A. & S.	Fulshear, Texas
Flemings, Mable L.	H. E.	Fulshear, Texas
Flowers, Joel	M. A.	Houston, Texas
Floyd, Bernice J.	A. & S.	San Antonio, Texas
Foster, Margaret L.	H. E.	Arthur City, Texas
Frazier, Juanita	A. & S.	Beaumont, Texas
Fullbright, Gladys	H. E.	Deport, Texas
Gaines, Louise E.	H. E.	Houston, Texas
Garner, Vivian	A. & S.	Dallas, Texas
Gibson, Ethel M.	N. E.	Galveston, Texas
Givens, Hattie C.	A. & S.	Mineral Wells, Texas
Glasper, Melvin	H. E.	Dallas, Texas
Golden, Ruth	N. E.	Wharton, Texas
Green, Gladys	H. E.	Amarillo, Texas
Gregory, George W.	A. & S.	Dallas, Texas
Guinn, James Elvis	A. & S.	Fort Worth, Texas
Govan, Herman Lee	A. & S.	Dallas, Texas
Hall, William H.	Ag.	Bryan, Texas

Name	Division	Address
Hardeway, Hazel L.	H. E.	Ponta, Texas
Hardimon, Curlee	Ag.	Gilmer, Texas
Hardy, Minnie	A. & S.	Victoria, Texas
Harrison, Ruby Kate	H. E.	Beaumont, Texas
Henderson, Emma Sue	A. & S.	Terrell, Texas
Henderson, Ruby Lee	A. & S.	West Point, Texas
Henry, Amanda	H. E.	Oakwood, Texas
Henry, Robert	A. & S.	Crockett, Texas
Hines, Thurman L.	A. & S.	Houston, Texas
Hodge, Eddie J.	H. E.	Dallas, Texas
Hogan, C. H. Jr.	M. A.	Brenham, Texas
Holland, Bernice M.	N. E.	Washington, Texas
Holley, Irene T.	H. E.	San Antonio, Texas
Hood, Curlie M.	N. E.	Dallas, Texas
Hoyt, Willie Vivian	A. & S.	Nacogdoches, Texas
Hudson, Delia L.	A. & S.	Fort Worth, Texas
Hughes, Renee Joyce	H. E.	Houston, Texas
Hunter, Blackman Malissa	H. E.	Kilgore, Texas
Hutchins, Willie A.	A. & S.	Longview, Texas
Id'ebird, Napoleon	Ag.	Benchley, Texas
Jeffrey, Harley C.	A. & S.	Longview, Texas
Jenkins, Lloyd	A. & S.	Longview, Texas
Johnson, Johnnie M.	H. E.	Washington, Texas
Johnson, Marion	A. & S.	Fort Worth, Texas
Jones, Edward Zack	A. & S.	Galveston, Texas
Jones, Fannie Lee	H. E.	Lufkin, Texas
Jones, Mary Alma	N. E.	Caldwell, Texas
Jordan, Cecil O.	A. & S.	Houston, Texas
Jordan, Rena	H. E.	Bellville, Texas
Kemp, Mollie Mae	H. E.	Hempstead, Texas
Kilpatrick, Carlie	N. E.	Prairie View, Texas
Kirby, Gladys	H. E.	Hempstead, Texas
Lambert, Mildred	A. & S.	Austin, Texas
Lawson, Mary Jane	H. E.	Longview, Texas
Leaks, Carlton	Ag.	Chapel Hill, Texas
Lee, Alice L.	H. E.	Dallas, Texas
Lee, John C.	M. A.	Houston, Texas
LeGendre, Josephine	H. E.	Cuero, Texas
Little, Frankie L.	H. E.	Runge, Texas
Love, Malissa C.	H. E.	Texarkana, Texas
Luckett, Helen W.	H. E.	Fort Worth, Texas
Luper, George Luther	Ag.	Houston, Texas
McAdoo, Lorayne T.	A. & S.	Amarillo, Texas

Name	Division	Address
McBroom, Camille	A. & S.	Nacogdoches, Texas
McCarter, Martilla	A. & S.	Beaumont, Texas
McCarter, Mathew	M. A.	Colorado, Texas
McCrumby, Horezelle	A. & S.	Fort Worth, Texas
McDaniel, Clarence	A. & S.	Prairie View, Texas
McDonald, Elwena	H. E.	Plano, Texas
McDonald, Illene	H. E.	Fort Worth, Texas
McGaskey, Johnnie M.	H. E.	Dallas, Texas
McGruder, Dana Lolita	A. & S.	Houston, Texas
Madison, John C.	A. & S.	Elgin, Texas
Martin, Jerry	M. A.	Bryan, Texas
Mason, Beulah D.	H. E.	Houston, Texas
Mason, Leona A.	H. E.	Anderson, Texas
Mason, Norean H.	A. & S.	Sunnyside, Texas
Mason, Wilbert T.	Ag.	Houston, Texas
Mathews, Eryn M.	H. E.	Cleburne, Texas
Mayo, John W.	Ag.	Seguin, Texas
Means, Raymond	Ag.	Fort Worth, Texas
Meredith, Adell D.	H. E.	Temple, Texas
Meredith, Ernestine	H. E.	Temple, Texas
Mickens, Novella	H. E.	Prairie View, Texas
Middleton, Horatio	A. & S.	Houston, Texas
Middleton, Hussie L.	Ag.	Caldwell, Texas
Miller, John Quincy	A. & S.	Fort Worth, Texas
Modisette, Julia B.	N. E.	Lufkin, Texas
Mollette, Lessia M.	N. E.	Fort Worth, Texas
Montgomery, Ruth E.	A. & S.	Fort Worth, Texas
Moss, Gwendolyn	A. & S.	San Antonio, Texas
Moten, Ruth G.	H. E.	Fort Worth, Texas
Muckelroy, Eula M.	A. & S.	Texarkana, Texas
Myers, Ewitt S.	Ag.	Wharton, Texas
Nash, Eunice E.	A. & S.	Galveston, Texas
Neal, Paralee Mrs.	H. E.	Prairie View, Texas
Nelson, Zeophus	H. E.	Dermott, Texas
Nickerson, Doris H.	H. E.	Houston, Texas
Odom, Harold A.	Ag.	Burkeville, Texas
Palms, Thelma D.	H. E.	Lake Charles, La.
Patton, Edward E.	A. & S.	East Chicago, Ind.
Penn, Jeffery C.	H. E.	Waxahachie, Texas
Philio, Karmolette	H. E.	Bedias, Texas
Philio, Kernis	H. E.	Bedias, Texas
Phillips, Sallie M.	A. & S.	Campbell, Texas
Polk, Ruby	H. E.	Waco, Texas

Name	Division	Address
Powell, Gladys L.	H. E.	Dallas, Texas
Proffitte, Ellen M.	H. E.	Hearne, Texas
Prudhomme, Johnito	A. & S.	Beaumont, Texas
Pryor, Bernice J.	Ag.	Sunnyside, Texas
Ramsay, Jewell L.	A. & S.	Kingsville, Texas
Rhone, Carrie Lee	A. & S.	Prairie View, Texas
Richardson, Leon A.	A. & S.	Houston, Texas
Rippletoe, Talmadge	A. & S.	Houston, Texas
Roberts, Lorealia G.	H. E.	Brenham, Texas
Robertson, Mary J.	H. E.	Calvert, Texas
Robinson, Vesta	H. E.	Dallas, Texas
Robinson, Otelia	A. & S.	Courtney, Texas
Roseborough, Queen E.	A. & S.	Dallas, Texas
Runnels, Jo L.	H. E.	Mineral Wells, Texas
Russell, Fannie M.	A. & S.	Fort Worth, Texas
Rutledge, Irving	Ag.	Bishop, Texas
Rutledge, Lorenzo	Ag.	Bishop, Texas
Sadberry, Alonzo J.	Ag.	Gause, Texas
Sadberry, Mabel D.	H. E.	Benchley, Texas
Sanders, Juanita	H. E.	Gause, Texas
Sanders, Leo Ivan	A. & S.	Beeville, Texas
Sanders, Mableen V.	A. & S.	Silsbee, Texas
Sanders, Pearl	H. E.	Galveston, Texas
Sayles, Earnestine	N. E.	Victoria, Texas
Scott, Audrey W.	A. & S.	Hempstead, Texas
Scott, Earnestine L.	A. & S.	Huntville, Texas
Scott, Gertha	H. E.	Kendleton, Texas
Seay, Willie Gerald	A. & S.	Honey Grove, Texas
Shanklin, Clara B.	A. & S.	Wharton, Texas
Shavers, Eula B.	H. E.	Longview, Texas
Shepard, Madey M.	A. & S.	Fort Worth, Texas
Simond, James	Ag.	Lufkin, Texas
Simond, John	Ag.	Lufkin, Texas
Simpson, Estus E.	A. & S.	Ledbetter, Texas
Sloan, Maceo A.	A. & S.	Little Rock, Ark.
Smith, Bessie Lee	H. E.	Jefferson, Texas
Smith, Ethyel	A. & S.	Fort Worth, Texas
Smith, Everlena	A. & S.	Brazoria, Texas
Smith, Herman	A. & S.	Texarkana, Texas
Smith, Tommie Lee	N. E.	Fort Worth, Texas
Smith, Willie A.	A. & S.	Houston, Texas
Sparks, Seth O.	A. & S.	Corsicana, Texas
Stanley, William	A. & S.	Fort Worth, Texas

Name	Division	Address
Starr, I. J.	Ag.	Gilmer, Texas
Stroud, Lula E.	A. & S.	Colorado Springs, Colo.
Stubblefield, Eliza	H. E.	Sunnyside, Texas
Sumrel, Glodine	A. & S.	Dallas, Texas
Thomas, Vivian B.	A. & S.	Dallas, Texas
Thompkins, Eddie M.	A. & S.	West Columbia, Texas
Thorne, Karle	H. E.	Nacogdochs, Texas
Toiiver, Elvis	H. E.	Hempstead, Texas
Towls, Golden	H. E.	Texarkana, Texas
Turner, Charles L.	A. & S.	Houston, Texas
Tyler, Lillian J.	H. E.	McKinney, Texas
Washington, Johnnie M.	H. E.	Deweyville, Texas
Watson, Louise H.	A. & S.	Sunnyside, Texas
Weaver, Morris	Ag.	Jefferson, Texas
Weaver, Sallie	Ag.	Jefferson, Texas
Westbrook, Alice C.	A. & S.	Fort Worth, Texas
White, Charles	A. & S.	Houston, Texas
Whitley, Hazel L.	A. & S.	Dallas, Texas
Wiley, H. B. Jr.	Ag.	Manning, Texas
Wiley, Ruth E.	H. E.	Mexia, Texas
Williams, George H.	M. A.	Fort Worth, Texas
Williams, Ora M.	H. E.	Athens, Texas
Williams, Willie E.	A. & S.	Waller, Texas
Wilkins, Juanita	N. E.	Greenville, Texas
Wilson, Alice E.	A. & S.	Hempstead, Texas
Wilson, Amanda	H. E.	Brenham, Texas
Wilson, Felix	A. & S.	Dallas, Texas
Wyatt, Bessie M.	H. E.	Mineral Wells, Texas
Yancy, Colquitt	Ag.	Bellville, Texas

SOPHOMORES

Name	Division	Address
Ard, Solomon W.	A. & S.	E. Chicago, Ind.
Avery, Leonard O.	A. & S.	Dallas, Texas
Barrett, Annie L.	A. & S.	Liberty, Texas
Bartlett, Estelle	H. E.	Waco, Texas
Batteau, Sutton M.	A. & S.	Fort Worth, Texas
Batts, William H.	A. & S.	Hammond, Texas
Bell, Velma Mae	H. E.	Houston, Texas
Berry, Thelma M.	H. E.	Grayburg, Texas
Beverly, Bernice V.	A. & S.	San Antonio, Texas
Black, Timothy O.	M. A.	Houston, Texas
Booker, Leon	A. & S.	Palestine, Texas

Name	Division	Address
Bradley, Georgia Fay	A. & S.	Iowa Colony, Texas
Brannon, Mae Ruth	H. E.	Prairie View, Texas
Brittain, Lottie	A. & S.	Dallas, Texas
Brown, Lloyd E.	Ag.	Sealy, Texas
Barrows, Bryan H.	A. & S.	Bryan, Texas
Carter, Sadie L.	A. & S.	Prairie View, Texas
Cleaver, Ella J.	H. E.	Prairie View, Texas
Coleman, James H.	Ag.	Cuero, Texas
Collins, Clarice	H. E.	Diball, Texas
Collins, Ogeal	H. E.	Mt. Pleasant, Texas
Collins, Rudolph	A. & S.	El Paso, Texas
Cooper, Julia Ethel	H. E.	Brazoria, Texas
Cunningham, Elbert	Ag.	Bryan, Texas
Dennard, Clarence	A. & S.	E. Chicago, Ind.
Douglass, Blanche	H. E.	Caldwell, Texas
Elder, Lamar	Ag.	Tatum, Texas
Evans, Mable A.	H. E.	Oklahoma City, Okla.
Ferrand, Odie Lee	A. & S.	Beaumont, Texas
Finley, Bossie	A. & S.	Somerville, Texas
Flanagan, Delsie L.	A. & S.	Washington, Texas
Fontenot, Nolia	H. E.	Beaumont, Texas
Foster, John M.	A. & S.	Dallas, Texas
Franklin, Anna E.	A. & S.	Prairie View, Texas
Gibson, Lorene	H. E.	Oakwood, Texas
Gibson, Ruth L.	A. & S.	Galveston, Texas
Green, Viola	H. E.	Clark, Texas
Guess, Connie L.	M. A.	Houston, Texas
Hall, Lloyd E.	Ag.	Navasota, Texas
Hatchett, Deola	H. E.	Prairie View, Texas
Hatchett, James C.	A. & S.	Bryan, Texas
Haws, Maurice A.	A. & S.	Dallas, Texas
Herald, A. C.	A. & S.	Houston, Texas
Herndon, D. Norris	Ag.	Reagan, Texas
Hill, Damon	M. A.	Houston, Texas
Hilliard, Lois	A. & S.	Denison, Texas
Hixson, Marguerite	A. & S.	Dallas, Texas
Hornsby, Lee Etta	A. & S.	Taylor, Texas
Hoskins, William	M. A.	Oklahoma City, Okla.
Hoyt, Gussie Marie	H. E.	Longview, Texas
Hubbard, Jetta M.	H. E.	Waxahachie, Texas
Jackson, Bertha E.	A. & S.	Hempstead, Texas
Jackson, Edward A.	A. & S.	Fort Worth, Texas
Jackson, John H.	M. A.	Bellville, Texas

Name	Division	Address
James, Gladys	H. E.	Ennis, Texas
Johnson, Lorenzo V.	A. & S.	San Antonio, Texas
Jones, Pauline Cloteal	H. E.	Amarillo, Texas
Jones, Sadie	A. & S.	Prairie View, Texas
Kennedy, Dorothy F.	H. E.	Mexia, Texas
Kennedy, Willie Mae	A. & S.	Houston, Texas
King, Emma	A. & S.	Hempstead, Texas
LeCendre, Emma T.	A. & S.	Cuero, Texas
Love, Ruth	A. & S.	Dallas, Texas
McCowen, Scottie	A. & S.	Dekalb, Texas
McKensie, Penkie	A. & S.	Sunnyside, Texas
McRay, Fuller	Ag.	Jasper, Texas
Martin, Butha	A. & S.	Bryan, Texas
Mathews, C. M. Mrs.	H. E.	Cleburne, Texas
Millard, Ethelbert, W.	M. A.	Houston, Texas
Millard, Sidney	A. & S.	Houston, Texas
Moody Richard A.	Ag.	Giddings, Texas
Morris, Frank J.	A. & S.	Waco, Texas
Mosby, Lucile G.	H. E.	Austin, Texas
Patton, Arlington	A. & S.	Goliad, Texas
Perkins, Lee	A. & S.	Dallas, Texas
Perrino, Grace L.	A. & S.	Columbus, Texas
Perry, Martha E.	A. & S.	Kanawha, Texas
Phillips, Lawrence L.	Ag.	Waco, Texas
Pointer, Edward B.	A. & S.	Wichita Falls, Texas
Polk, Willistine	A. & S.	San Antonio, Texas
Pollard, William B.	A. & S.	Evanston, Ill.
Porter, Hugh Albert	A. & S.	Dallas, Texas
Portis, Martha A.	H. E.	Calvert, Texas
Powers, Evelyn J.	A. & S.	Dallas, Texas
Prater, Grant A.	A. & S.	Galveston, Texas
Price, Helen	H. E.	Victoria, Texas
Prince, Elizabeth	A. & S.	Fort Worth, Texas
Pulliam, Jessie W.	H. E.	Oklahoma City, Okla.
Qualls, Thomas H.	A. & S.	Alamosa, Colo.
Ragston, Hattie E.	A. & S.	Hempstead, Texas
Robertson, Lonnie L.	M. A.	Houston, Texas
Robbins, Hal Jr.	A. & S.	Bay City, Texas
Rouff, Ludell	A. & S.	Austin, Texas
Rowland, Gladys Mrs.	H. E.	Prairie View, Texas
Scott, Lloyd E.	A. & S.	Moody, Texas
Simmons, Malissa D.	H. E.	Texarkana, Texas
Smith, Gladys W.	A. & S.	Fort Worth, Texas

Name	Division	Address
Stillwell, Edward H.	A. & S.	Texarkana, Texas
Stinson, Ophelia A.	H. E.	Dallas, Texas
Talley, Margaret M.	A. & S.	Fort Worth, Texas
Tamplin, Doris	Ag.	Prairie View, Texas
Taylor, Frances E.	A. & S.	Dallas, Texas
Thibodeaux, Audrey	A. & S.	Dallas, Texas
Thomas, Alice	A. & S.	Fort Worth, Texas
Thomas, Charles Y.	M. A.	San Antonio, Texas
Upchurch, Ray C.	H. E.	Dallas, Texas
Vaughn, Ruby L.	A. & S.	Dekab, Texas
Walker, Samuel	A. & S.	Temple, Texas
Wall, John Mack	A. & S.	Corsicana, Texas
Washington, Chiles	A. & S.	Houston, Texas
Washington, Estella	H. E.	Elgin, Texas
Watkins, India	A. & S.	Houston, Texas
Watson, Leonidas	Ag.	Fodise, Texas
West, Harry G.	Ag.	Courtney, Texas
Wiley, Lorine G.	H. E.	Arp, Texas
Williams, Bessie	H. E.	Houston, Texas
Williams, Georgia	A. & S.	Fort Worth, Texas
Williams, Harlaviour	H. E.	Cleburne, Texas
Williams, John H.	Ag.	Gilmer, Texas
Williams, Juanita D.	H. E.	Hempstead, Texas
Williams, Madison	A. & S.	East Chicago, Ind.
Wilson, Thomas E.	A. & S.	Austin, Texas
Wilson, Wilma F.	A. & S.	Weimar, Texas
Wyatt, Celestine	H. E.	Kingsville, Texas
Young, Frank Lincoln	Ag.	Navasota, Texas

JUNIORS

Name	Division	Address
Anderson, Merle L.	A. & S.	Texarkana, Ark.
Anderson, Votie M.	A. & S.	Marshall, Texas
Archie, Juanita	H. E.	Hempstead, Texas
Archie, Nathaniel L.	Ag.	Hempstead, Texas
Batts, Margaret S.	N. E.	Dallas, Texas
Bell, Pinkston	M. A.	Houston, Texas
Biggins, La Fay	A. & S.	Dallas, Texas
Bonner, Josie Lee	H. E.	Mineral Wells, Texas
Boone, Fannie L.	N. E.	Sargent, Texas
Bradford, Flosie E.	H. E.	Houston, Texas
Branch, Cornelia	A. & S.	San Antonio, Texas
Brown, Miller, Eldee	A. & S.	Brenham, Texas

Name	Division	Address
Cal'houn, Artis	A. & S.	Houston, Texas
Catchings, L. Maynard	A. & S.	Houston, Texas
Cleaver, Arthur C.	M. A.	Prairie View, Texas
Coleman, Genevieve	H. E.	Houston, Texas
Cossey, Gladys E.	H. E.	Houston, Texas
Crockett, Deborah	H. E.	Denison, Texas
Crockett, Etalcah	H. E.	Denison, Texas
Dansby, Bennie J.	Ag.	Kilgore, Texas
Dansby, Minnie B.	H. E.	Kilgore, Texas
David, Jessie G.	H. E.	Mexia, Texas
Davis, Clarence Mayo	A. & S.	Hempstead, Texas
Davis, Julia D.	N. E.	Houston, Texas
Dean, Olivia Mildred	A. & S.	Galveston, Texas
Desroe, Ira C.	A. & S.	Marlin, Texas
Dial, Vera S.	H. E.	Palestine, Texas
Dixon, Sevela	H. E.	Dallas, Texas
Edwards, Velma V.	A. & S.	San Antonio, Texas
Ellis, Wilson, D.	A. & S.	Crockett, Texas
Ferguson, Arzee O.	H. E.	Kilgore, Texas
Finley, Elase	H. E.	Jacksonville, Texas
Foreman, Ben H.	A. & S.	Galveston, Texas
Givens, Roger A.	Ag.	Fort Worth, Texas
Grovey, Alvin	A. & S.	Houston, Texas
Hall, Delia Mae	H. E.	Houston, Texas
Harrison, Amanda L.	H. E.	San Antonio, Texas
Harrison, Bonita G.	A. & S.	Fort Worth, Texas
Henry, Willie M.	A. & S.	Crockett, Texas
Hilliard, Jewell	H. E.	Bay City, Texas
Humphrey, General	Ag.	Giddings, Texas
Hynson, Chleo A.	M. A.	Dallas, Texas
Hyson, Ada Mae	H. E.	Waco, Texas
Jackson, Jessie M.	N. E.	Dallas, Texas
Jackson, John M.	Ag.	Palestine, Texas
Johnson, Bettie Jean	H. E.	Houston, Texas
Johnson, Hellen Marie	H. E.	Fort Worth, Texas
Johnson, James L.	A. & S.	Denison, Texas
Johnson, Mary Ruby	N. E.	Houston, Texas
Johnson, Thelmo	Ag.	Gladewater, Texas
Johnson, Varrie M.	H. E.	Longview, Texas
Justice, Catherine L.	A. & S.	San Antonio, Texas
Kelley, Ethel F.	H. E.	Houston, Texas
Kilpatrick, Louise	A. & S.	Prairie View, Texas
King, Darius A.	A. & S.	Temple, Texas

Name	Division	Address
Kirby, Johnnie L.	A. & S.	Hempstead, Texas
Lawton, Anona V.	A. & S.	Galveston, Texas
Lewis, A. C.	Ag.	Tatum, Texas
Lewis, Illma J.	N. E.	Bryan, Texas
Lewis, Merkle L.	A. & S.	Beaumont, Texas
Livingston, Ella A.	A. & S.	Trinity, Texas
McGuire, Lerie Belle	A. & S.	Newton, Texas
Marshall, D. M.	Ag.	Cranger, Texas
Marshall, Delphine	H. E.	Temple, Texas
Miller, Alfred T.	M. A.	Fort Worth, Texas
Miller, Annie Lee	H. E.	Nacogdoches, Texas
Monroe, Chas. W.	A. & S.	Houston, Texas
Mooring, Arthur J.	Ag.	Dallas, Texas
Mosley, Ethel	A. & S.	Houston, Texas
Muckelroy, Mattie	H. E.	Prairie View, Texas
Owens, Claudia M.	H. E.	Claudia, Texas
Perry, Nettie L.	A. & S.	Houston, Texas
Plummer, Agnes L.	H. E.	San Antonio, Texas
Powell, Eula M.	H. E.	Beaumont, Texas
Powell, Gentry Lee	Ag.	Bastrop, Texas
Pratt, Theresa M.	A. & S.	Taylor, Texas
Price, Jewell C.	H. E.	Dallas, Texas
Ragsdale, Daisy B.	N. E.	Fort Worth, Texas
Richards, Lois Fae	N. E.	Fort Worth, Texas
Roberts, Lucy Mable	N. E.	Lyons, Texas
Robinson, Margaret J.	A. & S.	Port Arthur, Texas
Rogers, Jewel T.	A. & S.	San Antonio, Texas
Scott, Consuela M.	H. E.	Hempstead, Texas
Sellers, Tom E.	A. & S.	Fort Worth, Texas
Sheffield, Ernestine	N. E.	Houston, Texas
Smith, Dan L.	M. A.	Hempstead, Texas
Smith, William H.	Ag.	Texarkana, Texas
Sprott, Loraine B.	A. & S.	Beaumont, Texas
Stephens, Amelia T.	A. & S.	Houston, Texas
Sterling, Leroy	A. & S.	Galveston, Texas
Sykes, Esther Naomi	A. & S.	Houston, Texas
Terrell, Inez	H. E.	San Antonio, Texas
Terry, Velma	H. E.	Crockett, Texas
Thomas, Mae D.	A. & S.	Wichita Falls, Texas
Thornton, Octavia	A. & S.	Richmond, Texas
Thurman, Henry P.	A. & S.	Greensboro, Ala.
Trower, Lucinda	N. E.	Houston, Texas
Wade, Joe Fred	Ag.	Douglass, Texas

Name	Division	Address
Walton, Odis	Ag.	Bryan, Texas
Wedgeworth, Clyde	Ag.	Itasca, Texas
White, Rosalie	A. & S.	Galveston, Texas
Williams, Dazerine	N. E.	Victoria, Texas
Williams, Marshall E.	M. A.	Bryan, Texas
Woodard, Willie Mae	A. & S.	Beaumont, Texas
Wooley, Elmer W.	Ag.	Normangee, Texas
Wormely, Ida Juanita	N. E.	Rosebud, Texas
Wright, Thomas	Ag.	Prairie View, Texas

SENIORS

Anderson, Harold	A. & S.	Texarkana, Ark.
Averyhardt, Sarah	A. & S.	Waco, Texas
Beachum, Preston	M. A.	Hubbard, Texas
Bell, Eunita	H. E.	Houston, Texas
Bivins, Frances	H. E.	Houston, Texas
Bledsoe, Myrtle	H. E.	Tyler, Texas
Bowles, Sylvia	A. & S.	Victoria, Texas
Britt, Ethel	H. E.	Waxahachie, Texas
Bryant, Thelma	H. E.	Houston, Texas
Carpenter, C. E. Mrs.	H. E.	Prairie View, Texas
Carrington, Eulalie	A. & S.	Houston, Texas
Clarkson, M. J.	N. E.	Houston, Texas
Cobb, Clyde Alvin	Ag.	Mexia, Texas
Collins, Marie	H. E.	San Antonio, Texas
Colter, Lavalia M.	A. & S.	Prairie View, Texas
Curtis, Henrietta A.	A. & S.	Dallas, Texas
Dailey, William	A. & S.	Houston, Texas
Davidson, Kermit	Ag.	Midway, Texas
Davis, Clifford	A. & S.	Taylor, Texas
Dotson, Thelma C.	A. & S.	Austin, Texas
Douglass, A. F.	Ag.	Chriesman, Texas
Eason, Commodore	Ag.	Oakland, Texas
Echols, Jack W.	Ag.	Mexia, Texas
Fewellen, Ruby A.	A. & S.	Brenham, Texas
Frazier, Estille	A. & S.	Silsbee, Texas
Garrett, David L.	A. & S.	Longview, Texas
Glosson, Maurine L.	A. & S.	San Antonio, Texas
Hardin, Exa O.	A. & S.	Houston, Texas
Harris, H. H.	Ag.	Carminie, Texas
Harrison, Edwin S.	A. & S.	Houston, Texas
Hayes, Mary L.	H. E.	Wharton, Texas
Jenkins, Carrie A.	H. E.	Trinity, Texas

Name	Division	Address
Johnson, Davis P.	Ag.	Calvert, Texas
Kirby, Jimmie Carrie	H. E.	Hempstead, Texas
Kirby, Mary	A. & S.	Hempstead, Texas
Lee, Dale T.	A. & S.	Fort Worth, Texas
Lee, Margaret	A. & S.	Beaumont, Texas
Lee, Roberta H.	H. E.	Bastrop, Texas
Lee, Vernice	H. E.	Houston, Texas
Love, Howard	M. A.	Bryan, Texas
McBroom, Juanita	H. E.	Nacogdoches, Texas
McCord, Bertha B.	A. & S.	San Agustine, Texas
McDonald, Mattie	A. & S.	Plano, Texas
McGriff, Vida G.	A. & S.	Houston, Texas
Mark, J. B.	Ag.	Nigton, Texas
Mouton, Helen A.	N. E.	Lafayette, La.
Murphy, Lovie Marie	H. E.	San Antonio, Texas
Nichols, Marie L.	A. & S.	Galveston, Texas
Norton, Eugene	A. & S.	Houston, Texas
Paley, Lillie M.	H. E.	Houston, Texas
Pickett, Octavia	N. E.	Dallas, Texas
Pigford, Millard	A. & S.	Mexia, Texas
Pryor, Beatrice	N. E.	Sunnyside, Texas
Pryor, De Artis	A. & S.	Dallas, Texas
Raibon, Lonnie R.	Ag.	Tyler, Texas
Rome, Lenora B.	H. E.	Huntsville, Texas
Ross, Carl	Ag.	Huntsville, Texas
Rush, Myrtle L.	A. & S.	Bryan, Texas
Scott, Alphonso	H. E.	Moody, Texas
Shankle, Ferdinand	Ag.	Wiergate, Texas
Singleary, Willie L.	Ag.	Seguin, Texas
Sinyard, Joy B.	H. E.	Bryan, Texas
Smith, Helen Irene	H. E.	Cuero, Texas
Smith, Hulen G.	A. & S.	Houton, Texas
Smith, Raymond	M. A.	Brenham, Texas
Snow, Anna Mae	A. & S.	Houton, Texas
Stevens, Elizabeth	H. E.	Houston, Texas
Stewart, Nannie E.	A. & S.	Waco, Texas
Taylor, Gertrude	N. E.	Texarkana, Texas
Taylor, Jual	A. & S.	Houton, Texas
Taylor, Myrtle Fay	N. E.	Buda, Texas
Terry, Grady P.	Ag.	Crockett, Texas
Thomas, Cline	Ag.	Seguin, Texas
Turner, Callie Mae	N. E.	Mexia, Texas
Valien, Preston	A. & S.	Beaumont, Texas
Washington, Addie B.	A. & S.	San Antonio, Texas

Name	Division	Address
Watson, Annis	N. E.	Tyler, Texas
Wedgeworth, Talton	Ag.	Itasca, Texas
Westbrook, Pearline	H. E.	Benchley, Texas
Wilburn, Julius	A. & S.	Chapel Hill, Texas
Williams, Dora	H. E.	Hempstead, Texas
Williams, James	M. A.	Palestine, Texas
Williams, Leander	M. A.	Palestine, Texas
Williams, Malinda A.	H. E.	Marshall, Texas
Willis, Minnie B.	A. & S.	Longview, Texas
Winner, Lucy B.	A. & S.	Houston, Texas
Wright, Van Dalia	A. & S.	San Antonio, Texas

SPECIAL AND UNCLASSIFIED

Name	Division	Address
Adams, John Q.	A. & S.	Fort Worth, Texas
Bell, Earnest F.	M. A.	Texarkana, Texas
Bilbrew, Margaret	H. E.	Dallas, Texas
Caraway, Finis	M. A.	Tenaha, Texas
Cashaw, William	M. A.	Hearne, Texas
Castleberry, Ulysses	M. A.	Tyler, Texas
Conner, Jeffie O.	H. E.	Waco, Texas
Davis, Theodore	M. A.	Beaumont, Texas
Ellis, C. Q.	M. A.	Stoneham, Texas
Hawthorne, Nealy	M. A.	Beaumont, Texas
Holford, Charles	M. A.	Gainesville, Texas
Holland, Robert R. L. Jr.	A. & S.	Dallas, Texas
Kane, Greta G.	H. E.	Ennis, Texas
Kelley, Lonnie	M. A.	Mineral Wells, Texas
King, Leoma	M. A.	Dallas, Texas
Knox, Albert	M. A.	Dime Box, Texas
Larkin, George E.	M. A.	Dallas, Texas
Larkin, Joseph P.	M. A.	Dallas, Texas
Milligan, James M.	M. A.	Sherman, Texas
Montgomery, Jesse	Ag.	Tatum, Texas
Morris, Otis L.	M. A.	Bryan, Texas
Nellum, Wiley A.	M. A.	Corsicana, Texas
Owens, Jefferson P.	M. A.	Wharton, Texas
Petty, Grayson R.	M. A.	Fort Worth, Texas
Porter, Thaddeus	M. A.	Houston, Texas
Roberts, Johnnie D.	M. A.	Shreveport, La.
Taylor, Fred	M. A.	Marshall, Texas
Viola, Emile	M. A.	Houston, Texas
Watson, Mattie	N. E.	Corsicana, Texas

ENROLLMENT REPORT (Residence)

College Department

Summer Session 1933

Class	A. & S.		H.E.		Agr.		M.A.		N.E.		Totals	Grand
	M	F	F	M	M	F	M	F	M	F		
Senior	10	48	33	33	2	1	45	82	127			
Junior	21	90	69	15	1	1	40	157	197			
Sophomore	30	117	66	18	2	0	50	183	233			
Freshmen	14	80	31	7	2	0	23	111	134			
Unclassified & Special	13	15	14	8	4	0	25	29	54			
Totals	88	350	213	81	11	2	183	562	745			

Regular Session 1933-1934

Class	A. & S.		H.E.		Agr.		M.A.		N.E.		Totals	Grand
	M	F	F	M	M	F	M	F	M	F		
Senior	14	23	17	23	4	8	35	54	89			
Junior	23	31	12	30	6	13	41	74	115			
Sophomore	31	43	14	37	5	0	50	80	130			
Freshmen	27	56	31	75	9	13	67	144	211			
Unclassified & Special	6	2	1	3	25	1	32	6	38			
Totals	101	155	75	168	49	35	225	358	583			

Training School Department

Summer Session 1933

	Male	Female	Total
Elementary Department	16	33	49
High School Department	1	4	5
Totals	17	37	54

Regular Session 1933-1934

	Male	Female	Total
Elementary Department	37	23	60
High School Department	5	11	16
Totals	42	34	76

ENROLLMENT REPORT (Non-Residence)

Regular Session 1933-1934

Extension School Department

	Male	Female	Total
Beaumont	3	27	30
Brenham	1	24	25
Bellville	5	18	23
Calvert	5	25	30
Nacogdoches	8	36	44
Totals	22	130	152

Correspondence School Department

	Male	Female	Total
Totals	11	23	34

SUMMARIES OF ENROLLMENT

Summer Session 1933

	Male	Female	Total
College Department	183	562	745
Training School Department	17	37	54
Totals	200	599	799

Regular session 1933-1934

	Male	Female	Total
College Department	225	358	583
Extension Department	22	130	152
Correspondence School Department	11	23	34
Training School Department	42	34	76
Totals	300	545	845

INDEX

A

Attendance and Absence, Class	32
Athletics,	26
Academic Information,	27
Admission, by Examination,	27
Adult Special,	28
Advanced Standing,	28
Subjects Required and Accepted for Irregular Student,	28
Agriculture, Division of	29
Department of Instruction; Graduation Requirement; Summer Session; Outline Course of Study, Ag. Ed.	39
Two-Year Collegiate Course,	40
Description of Courses of Study: Agronomy,	42
Animal Husbandry; Horticulture,	43
Education, Rural Ed., Rural Engineering, Rural Economics,	44
Science, Veterinary Science,	45
Arts and Sciences, Division of	46
Outline of Courses,	46
Department of Education: Requirements: Major, Minor,	47
Description of Courses for Elementary Teachers,	48
For High School Teachers,	48
General Education,	49
Geography,	51
Psychology,	51
Department of Physical Education for Women	52
Description of Courses of Study	52
Department of English: Requirements: Major, Minor	52
Description of Courses, Freshman	53
Sophomores	53
Upperclassmen	54
Department of Mathematics: Requirements: Major, Minor.....	55
Description of Courses	56
Department of Modern Foreign Language: Description of Courses	56-57
Department of Military Science	57-58
Department of Natural Science	59
Biology: Requirements: Major, Minor. Description of Courses	59-64
Chemistry: Requirements: Major, Minor. Description of Courses	59-61
Chemistry: Requirements: Major, Minor. Description of Courses	61-64

INDEX—Continued

Geology, Physics	64
Department of Social Sciences: Economics. Requirements: Major, Minor	65
Description of Courses: History	66
Government: Philosophy	67
Sociology: Requirements: Major, Minor. Description of Courses	68-69
Department of Music: Outline Course of Study	69-71
Description of Courses	71-73
Organizations	73
Alumni and Ex-Student Relations,	103
C	
Certificates: Freshman, Sophomore, Junior, Senior. Issuance, Fee, Extension of	37
Trade,	38
Credit, Unit of	39
Cabinet, Executive,	24
Committees, Standing: Extension School, Graduation and Classification, Library Catalog, Discipline—Student Relations,	24
Change in Schedule Fee,	32
Courses, Adding and Dropping,	32
Classification,	32
Cuts, Class,	33
Clubs,	25
D	
Degree,	35
Application for	36
Diploma Card,	36
Discipline and Government,	25
E	
Equipment:	
Agriculture, Department of: Crops and Soils, Farm Shop, Horticulture, Live Stock, Vocational Agriculture, Veterinary Science	19
Arts and Sciences, Division of: Natural Sciences Laboratories: Biology, Chemistry, Physics, Weather Bureau; Library.....	20

INDEX—Continued

Nursing Education: Building, X-Ray, Patient Section, Surgical Section	21
Division of Home Economics: Clothing and Textiles, Foods and Nutrition, Nursery Practice House, Personal Hygiene Shop	21
Division of Mechanic Arts: Shops, Auto Mechanic, Broom and Mattress, Carpentry, Electric Repair, Engineering and Construction, Laundry and Hat, Machine, Masonry, Plumbing and Heating, Ice Plant, Printing, Shoe-Making, Tailor.....	22-33
Examination, Admission by	27
Exemptions, use of English, absence from	33
Condition, mid-semester	34
Non-Accredited—At Home	28
Special Requirements in English and Arithmetic.....	35
Spring Entrance	27
Physical	29
Expenses: Payable	30
Board and Maintenance, Nurses only; Music Fees, Text books, Late Matriculation	31
Enrollment:	
Freshman	104-9
Sophomores	109-12
Juniors	112-15
Seniors	115-17
Special and Unclassified	117
Report (Residence), Non-Residence	118
F	
Failing to pass	31
Fee, change in schedule	32
G	
Graduation Requirements,	35
Grading System,	34
Grade Points,	35
H	
History of Prairie View,	17
Hazing,	25
Honors	35
Home Economics, Division of:	
Degree Requirement	74

INDEX—Continued

Outline Course of Study	74-76
Description of Courses: Home Economics Education; Applied and Related Art, Child Training and Health.....	76
Foods, Clothing	77
House	78
One and Two-Year Courses: Beauty Culture, Dying and Cleaning	78
Dressmaking, Cooking, House Maids	79
Hospital	21
I	
Incomplete Class work	34
L	
Location of Prairie View	17
M	
Mechanic Arts, Division of.....	79
Aims, Mechanic Arts, Industrial Ed., Trades Courses.....	80
Entrance Requirements	81
Outline of Courses	81-85
Shops	85
Description of Courses of Study:	
Mechanic Arts	86-88
Industrial Education	88-89
Trade Courses: Automotive Science	89
Brick Masonry, Broom and Mattress Making	90
Carpentry and Cabinet Making, Electric Repair, Laundry and Dry Cleaning	91
Machine Shop Practice, Painting and Decorating	92
Plumbing and Steam Fitting, Printing, Shoe Making.....	93
Stationery Engineering, Tailoring	94
Military Science	59
Matriculation, late	31
Music, fees	31
Major	46
N	
Nursing Education, Division of	94
Admission Requirements, necessary articles, Health, Vacation, Instruction	95

INDEX—Concluded

Five-Year Course of Study, Outline	96,97
Three-Year Course of Study, Outline	98
Description of Course of Study	99-103
P	
Physical Examination	29
Prizes	25
R	
Religious Influences, Moral and	25
Reports, Semester—Registrar	34
Intra-Semester	33
Registration, order of	29
Requirements, Special	35
Refunds, deductions and	32
S	
Semester Hour	39
Student Handbook	25
T	
Thesis Requirement	36
Textbooks	31
Taxi Service	17
Transcript	32
U	
Uniform	29
V	
Veterinary	19, 46
X	
X-Ray	21