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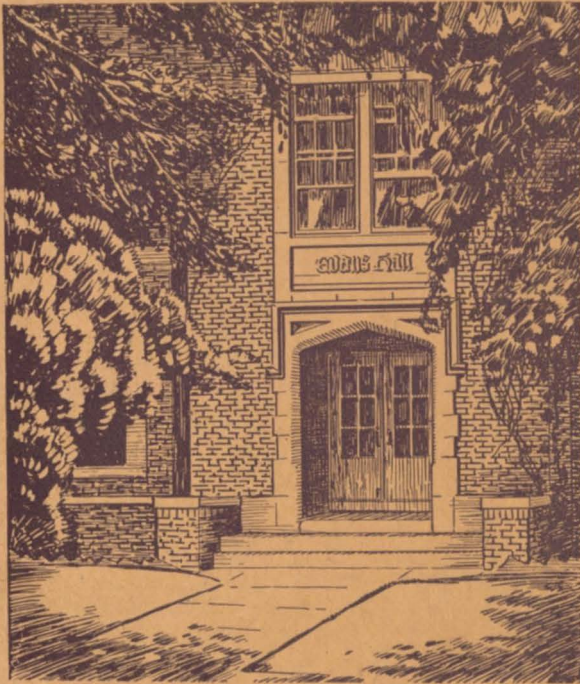
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**BULLETIN OF PRAIRIE VIEW
AGRICULTURAL AND MECHANICAL
COLLEGE OF TEXAS
1947-1948**

1876

The Seventy-First Year

1947

BULLETIN OF PRAIRIE VIEW AGRICULTURAL AND MECHANICAL COLLEGE OF TEXAS

VOL. 38

AUGUST 1947

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1946-47

WITH ANNOUNCEMENTS FOR

1947-48

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BULLETIN OF THE STATE BOARD OF AGRICULTURE AND MECHANICAL COLLEGE OF TEXAS

RECOGNITION

The Institution is recognized as a class "A" College by the Texas State Department of Education and the Southern Association of College and Secondary Schools. Also it is approved by the American College of Surgeons.

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CALENDARS

SUMMER SESSION—1947

June 2	Registration, First Term
June 3	Classes Begin
July 7	First Term Closes
July 7	Registration, Second Term
July 8	Classes Begin
August 7	Commencement
August 15	Second Term Closes

REGULAR SESSION 1947-48

September 3	Registration of Nurses
September 3-6	Faculty Orientation
September 8	New Students Report—Dining Hall Opens
September 8-13	Orientation and Registration
September 12-13	Registration
September 15	Classes Begin
November 6-7-8	Mid-Semester Examinations
November 27	Thanksgiving Holiday
December 25	Christmas

1948

January 1	New Year
January 19-23	Final Examinations
January 24	First Semester Ends
January 24	Registration, Second Semester
January 26	Second Semester Classes Begin
March 25, 26, 27	Mid-Semester Examinations
April 21	San Jacinto Day
May 23-24	Commencement
May 25-29	Final Examinations
May 29	Second Semester Closes

SUMMER SESSION—1948

June 7	Registration, First Term
June 8	Classes Begin
July 10	First Term Closes
July 12	Registration, Second Term
August 14	Second Term Closes

OFFICERS OF ADMINISTRATION

THE BOARD OF DIRECTORS

TERM EXPIRES 1953.

RUFUS R. PEEPLES, Farmer and Ranchman.....Tehuacana
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C. C. KRUEGER, President San Antonio Machine and
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TERM EXPIRES 1951 .

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Magnolia Petroleum Company.....Beaumont
ROY C. POTTS, Merchant.....Belton
HENRY REESE, III, Publisher.....Gonzales

TERM EXPIRES 1949

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E. W. HARRISON, Ranchman.....South Bend
G. R. WHITE, Banker and Ranchman.....Brady

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PRAIRIE VIEW COMMITTEE

HENRY REESE III, *Chairman*

E. W. HARRISON

ROY C. POTTS

OTHER OFFICERS OF ADMINISTRATION

NON-RESIDENT ADMINISTRATIVE OFFICERS

GIBB GILCHRIST, C.E., D.Sc., *President*

G. A. LONG, B.S., *Supervising Accountant*

J. K. WALKER, B.S., *Supervising Engineer*

OFFICE OF THE PRINCIPAL

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WILLETTE R. BANKS, LL. D., *Principal Emeritus*

EZRA LEE HENDERSON, *Secretary*

WILLIE HELEN CARROLL, A.B., *Secretary*

DIRECTORS

JESSE M. DREW, Ed.D., *Director, Division of Arts and Sciences*
 C. L. WILSON, M.E., M.S., *Director, Division of Mechanic Arts*
 HENRY D. PATTON, M.D., *Director of Nursing Education*
 ELIZABETH C. MAY, M.S., *Director, Division of Home Economics*
 ROBY W. HILLIARD, Ph.M., *Director of Personnel*
 GEORGE L. SMITH, M.S., *Director, Division of Agriculture*
 REDA LEE BLAND, M.S., *Dean of Women*
 M. ERNESTINE SUAREZ, *Dean of Women Emeritus*
 ISAAC T. NELSON, M.S., *Dean of Men*

OFFICE OF THE REGISTRAR

THOMAS R. SOLOMON, Ph.D., *Registrar*
 L. C. McMillan, A.B., *Assistant to the Registrar*
 G. M. ELDER, B.A., *Record, Research and Transcript Clerk*
 B. B. BROOKS, A.B., *Secretary to the Registrar*
 E. M. LEWIS, B.A., *Receptionist*

FISCAL OFFICE

HARVEY R. TURNER, B.S., *Treasurer*
 CAMERON S. WELLS, *Accountant*
 LA VAUGHN C. MOSLEY, B.S., *Cashier*
 L. E. SCOTT, B.S., *Voucher and Order Clerk*
 JESSIE LOUISE JACOBS, *Teller*
 B. T. GREER, B.S. *Auditor*
 C. R. HALL, B.S., *Head Bookkeeper*
 EDGAR HENRY, B.S., *Inventory Clerk*
 B. B. RICHARDSON, *Assistant Cashier*
 MRS. RUTH GARRETT, *Stenographer*
 REVA M. ROSS, B.S., *Clerk*
 ALAYNE E. WATKINS, *Secretary*

POST OFFICE

*A. C. BARRETT, *Mailing Room Foreman*
 G. H. THOMPSON, *Assistant Mailing Room Foreman*

WAREHOUSE-FILLING STATION

T. R. LAWSON, *Property Clerk*

* Part of year.

DINING HALL

- R. W. HILLIARD, Ph.M., *Manager*
 J. L. BOYER, B.S., *Manager of Storeroom*
 COMPTON H. JOHNSON, B.S., *Supervisor of Student Dining Halls*
 COLUMBUS M. MICKENS, *Chef Cook*
 ERNEST STERLING, *Assistant Chef*
 CLARA E. TORRY, *Cafeteria Manager*
 VIRGIE E. MASON, B.S., *Assistant Cafeteria Manager*

THE LIBRARY

- ORESTES J. BAKER, M.L.S., *Librarian*
 EUNICE R. JONES, B.L.S., *Reference Assistant*
 THELMA E. LEWIS, B.L.S., *Cataloger*
 LOYCE M. PLEASANTS, B.L.S., *Serials Assistant*
 MS. JIMMIZINE B. TAYLOR, B.L.S., *Circulation Assistant*
 MRS. BENNIE L. J. SHIELDS, A.B., *Assistant in Reference*
 EMMA LOUISE DAVIS, *Secretary*
 NOLLIE A. JACKSON, A.B., *Assistant in Circulation*
 MARION E. MATTHEWS, A.B., *Assistant in Circulation*
 MRS. GLORIA G. WILLIAMS, A.B., *Assistant in Circulation*

EXECUTIVE CABINET

- PRINCIPAL E. B. EVANS, *Chairman*
 PRINCIPAL EMERITUS W. R. BANKS
 LEE E. PERKINS, *Executive Secretary*
 GEORGE L. SMITH, *Director, Division of Agriculture*
 ELIZABETH C. MAY, *Director, Division of Home Economics*
 CLAUDE L. WILSON, *Director, Division of Mechanic Arts*
 DR. J. M. DREW, *Director, Division of Arts and Sciences*
 DR. H. D. PATTON, *Director, Division of Nursing Education*
 HARVEY R. TURNER, *Treasurer*
 DR. THOMAS R. SOLOMON, *Registrar-Coordinator of Instruction*
 ORESTES J. BAKER, *Librarian*
 ROBY W. HILLIARD, *Personnel Director and Manager of Dining Hall*
 W. C. DAVID, *State Director, Extension Service for Negroes*
 MRS. PAULINE BROWN, *State Supervisor, Home Demonstration Agents for Negroes*
 M. E. SUAREZ, *Dean of Women Emeritus*
 R. L. BLAND, *Dean of Women*
 I. T. NELSON, *Dean of Men*
 GEORGE W. BUCHANAN, *Modified Retirement*
 COL. WEST A. HAMILTON, *Commandant*

OFFICERS OF INSTRUCTION

(Dates immediately following name indicate when persons were appointed to the faculty of Prairie View A. & M. College)

- BAILEY, ROBERT ERNEST (1946).....*Mechanic Arts*
Certificate in Shoemaking, Prairie View College, 1922
- BAKER, ORESTES J., (1931).....*Librarian*
A.B., Morehouse College, 1930; B.L.S., Hampton Institute, 1931; M.L.S.,
Columbia University, 1936
- BOSTIC, MRS. LOUISE E. (1942).....*Business Administration*
B.S., West Virginia State College, 1930
- BRADFORD, MOLLIE KATHRYN (1946).....*Home Economics*
B.S., Tennessee State College, 1936; M.Ed., Wayne University, 1944
- BREWER, CLIFTON L. (1945).....*Mechanic Arts*
Certificate in Cabinet Making, Tuskegee Institute, 1926; Smith Hughes
Permanent, 1936; Bradley Polytechnic Institute, Summer, 1916; Harvard
University, Summer, 1928
- BROOKS, GEORGE WILLIAM (1943).....*History*
B.S., 1941; M.S., Indiana University, 1942
- BROWN, JONEL LEONARD (1943).....*Head of Department of Economics*
and Business Administration
A.B., Morehouse College, 1930; M.A., University of Wisconsin, 1941; Ph.D.,
University of Wisconsin, 1946
- BULLOCK, HENRY ALLEN (1930).....*Sociology*
Head, Department of Sociology, Social Service, and Research; A.B., Vir-
ginia Union University, 1928; A.M., University of Michigan, 1929; Ph.D.,
University of Michigan, 1942
- BURDINE, DOROTHY I. (1933, 1938).....*Education*
B.A., Colorado State College of Education, 1933; University of Denver,
Summers, 1936, 1942
- BURNS, MRS. LILLIE PALEY (1941).....*Home Economics*
B.S., Prairie View College, 1934; M.S., Iowa State College, 1941
- BYNUM, GEORGE OSWALD (1946).....*Physical Education*
A.B., Howard University, 1937; M.A., Columbia University, 1945; Columbia
University, Summers 1945-1946
- CARPENTER, CHARLES E. (1925).....*French*
B.L., University of California, 1901; M.L., University of California, 1908
- CARTER, EMMA JANE (1946).....*Nursing Education*
Diploma in Nursing Education, Prairie View University, 1946
- CHASE, SEBELL E. (1945).....*Business Administration*
B.S., Southern University, 1943; University of Chicago, 1944-45; Summer
'46

- CLEAVER, ARTHUR G. (1926) *Broom and Mattress Making*
 Diploma, Prairie View State College, 1911; Certificate in Broom and Mat-
 tress Making and Agriculture, 1911; Student of Tuskegee Institute, Sum-
 mer, 1924
- COLLINS, VAN EMERSON (1946) *Nursing Education, Dentist*
 A.B., Fisk University, 1943; D.D.S., Meharry Medical College, 1946
- CORUTHERS, JOHN M. (1937) *Agricultural Economics*
 B.S., Hampton Institute, 1925; M.S., University of Wisconsin, 1928; Ph.D.,
 Cornell University, 1934
- COSS, MRS. CARRIE BELL (1946) *Psychology*
 A.B., Howard University, 1926; B.E., University of Cincinnati, 1927; M.A.,
 Columbia University, 1940
- CULLINS, ELLA WEBB (1942) *Acting Head, Department of Music*
 B.A., Philander Smith College, 1940; M.A., Boston University, 1942
- DAVIS, MRS. LACLEDE S. (1945) *Music*
 B.S., Oberlin College, 1928; Chicago Musical College, Summer 1930; M. Mus.,
 University of Michigan, 1939
- DAVIS, MALCOLM ADKINS (1943) *English*
 A.B., Virginia State College, 1936; M.A., New York University, 1939; New
 York University, 1939-40, 1940-41, (Residence and Preliminary Compre-
 hensive completed toward Ed.D.)
- DIXON, VITTORIA C. (1946) *English*
 B.A., 1943; M.S., 1944, Prairie View University
- DOOLEY, THOMAS P. (1934) *Head, Department of Natural Sciences*
 B.A., Morehouse College, 1927; M.S., 1931; Ph.D., University of Iowa, 1939
- DREW, MRS. ALICE J. (1945) *Training School*
 B.S., University of Illinois, 1933; M.S. Cornell University, 1943
- DREW, JESSE MONROE (1943) *Director, Division of Arts and Sciences*
 B.S., Lincoln University, 1929; M.S., Kansas University, 1939; Ed.D., Har-
 vard University, 1944
- ELLISON, JOSEPH EMMETT (1946) *Education and Physics*
 A.B., Fisk University, 1910; M.A., University of Michigan, 1946
- EPTING, ELLA MONTGOMERY (MRS.) (1946) *Home Economics*
 B.S., Prairie View, 1929; M.S., Colorado A. & M., 1942
- FARRELL, HENRIETTA (1927) *Laundry*
 B.S., Home Economics, Prairie View, 1927
- FOREMAN, PEARL E. (1942) *Home Economics*
 A.B., Howard University, 1935; B.S., Columbia University, 1938; M.A.,
 Columbia University, 1939
- FULLER, HARRY E. (1933) *Painting*
 Trade Certificate in Painting, Hampton Institute, 1931; Hampton Institute,
 Summer 1936

- FULLER, MRS. RUBY COZZET (1943).....*Training School*
B.S., 1934; M.S., 1942; Prairie View University
- C GERALD, WILLIE ROOSEVELT (1942)....*Carpentry and Cabinet Making*
Trade Certificate in Carpentry, Prairie View State College, 1930; A.B., 1933
- HAMILTON, COL. WEST A. (1942-43, 1946)..*Professor of Military Science*
and Tactics
Miner Teachers College, 1906
- HARRIS, MRS. SARAH H. (1944).....*Mathematics*
B.A., 1942; M.S., 1944, Prairie View University
- HEATH, MRS. DORIS S. (1946).....*Nursing Education*
Diploma in Nursing Education, Tuskegee Institute, 1941
- HERALD, AURLOCOLUS CLYDE JR. (1946).....*Natural Science*
B.S., Prairie View College, 1936; M.S., Prairie View University, 1942
- HENDERSON, DURIA (1945)*Baking*
Certificate in Baking, Prairie View University, 1940; Certificate in Radio
Engineering, Prairie View University, 1943
- B5 HERNDON, DANIEL NORRIS (1946).....*Mechanic Arts*
B.S., Prairie View State College, 1939
- HIBLER, MADGE BEATRICE (1946).....*English*
B.A., Langston University, 1937; University of Southern California, 1946
- HIGH, EDWARD GARFIELD (1946).....*Chemistry*
A.B., 1940; A.M., 1941; Indiana University, 1941
- B5 HILL, JESSE LEON (1945).....*Tailoring*
B.S., Prairie View University, 1940
- HILL, OPAL IRENE (1946).....*Nursing Education*
Diploma in Nursing Education, Prairie View University, 1946
- B5 HOUSTON, HASKELL S. (1942)*Drawing and Drafting*
B.S., Prairie View University, 1933
- JACOBS, MARY GERAD (1946)*Physical Education*
B.S., Fisk University, 1943; M.A., Columbia University, 1944
- JOHNSON, BLANCHE EDWARDS, MRS. (1946) ...*Social and Political Science*
B.S., 1932; M.S., 1946, Prairie View University
- C JOHNSON, EDWARD J. (1927).....*Auto Mechanics*
Certificate in Auto Mechanics, Prairie View, 1919
- B5 *JAYMES, CHARLES ROYAL, JR. (1946).....*Printing*
B.S., Hampton Institute, 1936; Carnegie Institute of Technology, Summer
1938, 1939

* Part of year.

- JONES, MAURICE (1945) *Mechanic Arts* B
B.S., University of Illinois, 1928; University of Chicago, Summers, 1937, 1939, 1941
- JONES, N. A. *Auto Mechanic and Machine Shop Practice* M
1920, 1929, Kansas State Teachers College, 1933
- JONES, MRS. OPAL CHRISTOPHER (1946) *Sociology*
A.B., Prairie View University, 1939; M.S.W., Atlanta University of Social Work, 1941
- JORDAN, BESSIE JONES (1945) *Home Economics*
B.S., Arkansas State College, 1939; M.A. Michigan State College, 1945
- KING, CURTIS R. (1946) *Music*
B.A., Knoxville College, 1945
- LANE, RUTHCELIA I. (1944) *Home Economics, Clothing*
A.B., Fisk University, 1939; M.A., Columbia University, 1944; Pratt Institute, 1943
- LEE, WISTER MELVIN (1946) *Physical Education*
B.S., 1941; M.S., 1946, Prairie View University
- McBRIER, MAXINE (1944) *Romance Languages*
B.A., 1937; M.A., 1942, Kansas University; University of Minnesota, Summer, 1942
- McCOLLUM, ARTHUR R. (1945) *Mechanic Arts* B
B.S., Hampton Institute, 1937; Iowa State College, Summer 1941
- MCDONALD, CLARENA (1945) *Nursing Education*
Diploma in Nursing Education, Prairie View University, 1945
- MARSHALL, MRS. OLITA LOUISE FOWLER (1944) *Social Science*
B.S., 1937; M.S., 1938, Kansas State Teachers College
- MARTIN, DANIEL W. (1919) *Electricity* B
B.S., Mechanic Arts, Prairie View, 1928; Kansas State Teachers College, Summer, 1933; Prairie View University, Summer 1940-41
- MATTHEWS, RUTH ARNICE (1946) *English*
A.B., Florida A. & M. College, 1937; M.A., Howard University, 1945; New York University, 1945-46, Summer, 1946
- MAY, ELIZABETH C. (1923) *Director, Home Economics Division*
B.S., Kansas State College, Summer, 1919; M.S., 1933; University of Chicago, 1930; University of Minnesota, 1938-39.
- MUCKELROY, LEE P. (1931) *Mechanic Arts* C
Certificate in Plumbing, Prairie View State College, 1931
- *MURRAY, SAMUEL STEVENSON (1946) *Agriculture*
B.S.A., South Carolina A. & M. College, 1936; M.S., Pennsylvania State College, 1938

* Part of year.

- NICHOLAS, CHARLES HAWKINS (1943)..... *Biology*
A.B., Talladega College, 1930; M.A., University of Michigan, 1939; Columbia University, Summer, 1934; Atlanta University Workshop, Summer, 1942
- NICHOLSON, CAPT. FRANK A. (1946)..... *Military Science*
M.S., University of Iowa, 1940
- NICKS, WILLIAM JAMES (1945)..... *Physical Education*
A.B., Morris Brown College, 1928; M.A., Columbia University, 1941
- NORRIS, ERNEST MISCHAEI (1927-28, 1937-45, 1946)..... *Agriculture*
B.S., Prairie View State College, 1927; M.S., Cornell University, 1931; Ph.D., Cornell University, 1934
- O'BANION, ELMER E. (1939)..... *Chemistry*
A.B., Indiana University, 1934; M.A., 1935; Ph.D., Indiana University, 1942
- OFFUTT, EDWYNA AMANDA (1942).... *Acting Head, English Department*
A.B., Kentucky State College, 1940; M.A., Indiana University, 1942
- OWENS, EMORY R. (1941) *Resident Physician*
A.B., Fisk University, 1936; M.D., Meharry Medical College, 1941
- PATTON, HENRY D. (1929-31, 1943).... *Medical Director, Superintendent
of Hospital*
A.B., Texas College, 1924; M.D., Meharry Medical College, 1929; Interstate Post Graduate Assembly, Tuskegee Clinic
- PERKINS, LEE E. (1945) *Social Sciences*
B.A., Prairie View College, 1936; Advanced Study, University of Michigan
- PHILLIP, LEE C. (1928, 1932) *Social Science, College Chaplain*
B.S., Prairie View State College, 1928; B.D., Howard University, 1931; Graduate Work, Union Theological Seminary, New York City, 1931-32; M.A., Howard University, 1939
- PHILLIPS, DAISY BELLE (1943)..... *Nursing Education*
Diploma in Nursing Education, Prairie View State College, 1938
- POINDEXTER, ALFRED N. (1945)..... *Veterinary Medicine*
D.V.M., Kansas State College, 1945
- PRATT, EMMA THERESA MAE (1943, 1946)..... *Home Economics*
B.S., Prairie View State College, 1935; M.F.A., University of Colorado, '46
- PRESTON, ANNE C. (1933-44, 1945) *Education*
B.S., Virginia State College, 1931; M.A., Columbia University, 1932, '38-39
- RANDALL, ALBERT W. (1923)..... *Head, Department of Mathematics*
B.S., Alcorn A. & M. College, 1916; A.M., University of Colorado, 1929; Summers, 1937, 1940
- RANDALL, MRS. BEATRICE H. (1945)..... *Training School*
B.S., Prairie View College, 1927; M.S., Prairie View University, 1945
- RAYFORD, ROBERT W. (1934)..... *Dry Cleaning and Tailoring*
Certificate in Dry Cleaning and Spotting, 1916; Certificate in Dry Cleaning and Redying, 1938

- REEVES, GEORGE W. (1930).....*Education*
A.B., Atlanta University, 1924; A.M., University of Michigan, 1932; University of Michigan, Summer, 1938; North Carolina College for Negroes, Work Shop, Summer, 1942
- ROSS, JOHN R. (1945) *Agriculture*
B.S., Virginia State College, 1936; M.S., Cornell University, 1945
- *SAMS, ERESTUS (1946) *Physical Education*
B.S., Tuskegee Institute, 1938; Prairie View, Summers, 1938, 1939, 1940
- SAMUEL, WILLIAM A. (1945)..... *Chemistry*
B.S., Johnson C. Smith University, 1933; M.S., Atlanta University, 1940; Atlanta University, Summers, 1942, 1943
- SHEEN, ROMA S. (1944, 1946)..... *Mathematics*
B.S., Tennessee State A. & I. College, 1934; M.S., University of Iowa, 1935; University of Illinois, 1935-36
- SMITH, GEORGE L. (1931)..... *Director, Division of Agriculture*
B.S., Hampton Institute, 1929; M.S., Kansas State College, 1941; Kansas State College, 1940-41
- SNEAD, CAPT. JOSEPH A. (1946)..... *Military Science*
B.S., Columbia University, 1936; Sorbonne University, Paris, France (2 years)
- SOLOMON, THOMAS R. (1939) .. *Head, Department of History, Philosophy and Political Science*
A.B., Wayne University, 1929; M.S., 1933; Ph.D., University of Michigan, 1939
- SPALDING, SYDNEY W. (1944)..... *English*
A.B., Eureka College, 1929; A.M., University of Illinois, 1930; University of Michigan, 1933-34, 1937-39
- SPARKS, ESTHER E. CARTER (1944)..... *Training School*
B.A., Western University, 1928; M.A., University of Colorado, 1935; Colorado State Teachers College, Summer, 1945.
- STEPHENS, CLARENCE FRANCIS (1940-42, 1945)..... *Mathematics*
B.S., Johnson C. Smith University, 1938; M.S., University of Michigan, 1939; Ph.D., University of Michigan, 1943.
- STICKNEY, WILLIAM H. (1945)..... *Printing*
Diploma and Certificate in Printing, Alabama Agricultural and Mechanical Institute, 1924; Mergenthaler Linotype School, Summer, 1925; Colorado State College, Summer, 1931; Carnegie Institute of Technology, Summer, 1933, Year 1934-35
- *TATE, WILLIAM HENRY (1945, 1946) *Printing*
Certificate in Linotype, Printing School Cincinnati, 1936; Certificate in Printing, Hampton Institute, 1939; Printing School, Cincinnati, Summer, 1940

* Part of year

- TERRY, CAROLYN L. (1944)..... *Nursing Education*
Diploma in Nursing Education, 1944; Prairie View University
- THOMAS, MRS. BESSIE A. (1942)..... *Training School*
B.S., 1938; M.S., 1942, Prairie View University
- THOMAS, OSCAR J. (1938)..... *Itinerant Teacher Trainer*
B.S., Prairie View State College, 1926; Hampton Institute, Summer, 1931;
University of Chicago, Summer, 1934; Columbia University, Summer, 1936;
M.S., Prairie View University, 1945.
- THOMPSON, MRS. ORA MAE (1947)..... *Agriculture*
B.S., Prairie View College, 1939; M.S., Prairie View University, 1946
- THOMPSON, WARDELL D. (1944)..... *Agriculture*
B.S. in Agriculture, Prairie View State College, 1940; M.S., Prairie View
University, 1946
- TOLSON, MELVIN BEAUNORUS, JR. (1946)..... *Romance Languages*
B.A., Wiley College, 1942; B.D., Gammon Theological Seminary, 1946
- WALDEN, JENELSIE (1946)..... *Art Education*
B.S., Spelman College, 1941; B.F.A., Chicago Art Institute, 1945
- WALLACE, MRS. ROSE BURNEY (1946)..... *Home Economics*
B.S., Spelman College, 1942; M.A., Columbia University, 1946
- WARNER, DILLARD (1946)..... *Music*
A.B., Paul Quinn College, 1940; Advanced Study, Prairie View University,
1946
- WATSON, WILLIAM LEON (1937-39, 1945)..... *Agriculture*
B.S., Hampton Institute, 1937; M.S., Michigan State College, 1945; Michi-
gan State College, 1945
- WELLS, MRS. THELMA S. (1942)..... *Training School*
B.S., 1930; M.S., 1940, Prairie View State College
- WESLEY, FRANKLYN DUNBAR IRA (1945)..... *Mechanic Arts*
B.S., Prairie View State College, 1939; M.S., Prairie View University, 1946;
Illinois Institute of Technology, 1945-46
- WILLIAMS, JOHN CALVIN (1940)..... *Agriculture*
B.S., Hampton Institute, 1932; M.S., Kansas State College, 1940
- WILSON, CLAUDE L. (1925)..... *Director, Division of Mechanic Arts*
Superintendent of Buildings and College Utilities
B.S., Mechanical Engineering, 1925; M.E., 1929; M.S., 1933, Kansas State Col-
lege
- WILSON, JESSE M. (1931)..... *Tailoring*
Certificate in Tailoring, Tuskegee Institute, 1927; Certificate in Design-
ing, Master Designer's School of Designing, 1934; B.S., Kansas State
Teachers College, 1941
- WILSON, MRS. LUCELUSTINE W. (1943)..... *Training School*
B.S., Prairie View College, 1926; M.S., Prairie View College, 1943

- WINDOM, JOHN HENRY (1942)..... *Education*
 B.S., University of Illinois, 1932; M.S., University of Illinois, 1937
- WOODS, JOHNNIE J. (1945)..... *Agriculture*
 B.S., Prairie View State College, 1938; Prairie View State College, 1944
- WOOLFOLK, GEORGE RUBLE (1943)..... *History*
 A.B., Louisville Municipal College, 1937; M.A., Ohio State University, 1938;
 Ph.D., University of Wisconsin, 1947

OTHER OFFICERS AND ASSISTANTS

- PIERCE ANDERSON, *Instructor in Metal Work*
- JOHNNIE RUTH BROWN, B.S., *Secretary, Mechanic Arts Division*
- ANDREW E. CHARLESTON, B.S., *Engineer, Steam Plant*
- A. O. CRAVIN, *Custodian of Buildings*
- NANNIE K. CROSBY, B.S., *Telephone Operator*
- JAMES E. DAILEY, B.S., *Electrician*
- FRANCIS G. FRY, B.S., *Chief Engineer*
- SERGEANT EUGENE GARDNER, *Assistant Instructor, Military Science and Tactics*
- MAXINE L. HARRIS, B.A., *Secretary to Hospital*
- DANIEL N. HERNDON, B.S., *Assistant Manager, Laundry*
- MRS. SOPHIA HILLIARD, A.B., *Custodian of Auditorium-Gymnasium*
- MRS. ORA LEE JOHNSON, *Secretary, Division of Mechanic Arts*
- RUFUS JOHNSON, *Instructor in Shoemaking*
- CORPORAL SAMUEL JONES, *Clerk, Department of Military Science*
- WILLIAM S. KIDD, *Plumbing Repairman*
- MASTER SERGEANT WILLIAM KNOX, *Assistant Instructor, Military Science*
- FAYE WYLLA McCLELLAN, A.B., *Secretary, Division of Agriculture*
- TECHNICAL SERGEANT WALTER MALICHI, JR., *Assistant Instructor, Military Science*
- F. G. RHONE, *Head of Truck Operations*
- ALFRED RICHARDS, *Engineer, Steam Plant*
- EUNELL SADBERRY, *Head Telephone Operator*
- HAZEL SCOTT, B.S., *Telephone Operator*
- Q. D. THOMAS, *Engineer, Steam Plant*
- EDWIN P. TAYLOR, B.S., *Instructor in Mechanic Arts*
- IRA TOMPKINS, *Carpenter Repairman*
- EDITH WALKER, *Secretary, Division of Agriculture*
- ADDISON I. WATSON, *Engineer, Steam Plant*
- SERGEANT ROBERT B. WATSON, *Assistant Instructor, Military Science*
- WILLIAMS, HORTENSE, B.S., *Secretary, Division of Mechanic Arts*

GRADUATE FELLOWS FOR THE YEAR 1946-'47

- BREEDING, FIDELIUS D., B.S., Prairie View University, 1946
 COSS, ROBERT W., B.S., Prairie View State College, 1931
 EVANS, EDWARD B., B.S., Prairie View University, 1946
 HAMILTON, GENERAL, B.S., Prairie View State College, 1941
 KENNARD, MITTIE G., B.A., Prairie View University, 1946
 MARKS, CURTIS M., B.S., Prairie View State College, 1941
 MCCLENNAN, Walter D., B.S., Prairie View University, 1946
 SHELTON, GEORGE L., B.S., Prairie View State College, 1943
 STUBBLEFIELD, CEDRIC, B.S., Houston College for Negroes, 1942
 TOLSON, ARTHUR, L., B.A., Wiley College, 1946
 WALKER, MRS. JUANITA H., B.A., Prairie View State College, 1942

COOPERATIVE EXTENSION SERVICE

- W. C. DAVID *State Leader*
 Normal Diploma in Agriculture, Prairie View University; B.S. in Pharmacy, Howard University, 1924; Prairie View University, Summers, 1939, 1941.
- MARSHALL V. BROWN *Administrative Assistant*
 B.S. in Agriculture, 1931, Prairie View University; Prairie View University, Summers, 1939, 1941, 1942, 1942-43.
- MRS. PAULINE R. BROWN . . . *Supervisor of Negro Home Demonstration Work and District Home Demonstration Agent*
 B.S. in Home Economics, Prairie View University, 1931; Prairie View University, Summers, 1939, 1941, 1942.
- HENRY S. ESTELLE *District Agent*
 B.S. in Agriculture, Prairie View University, 1932; Prairie View University, 1933-39; 1939-40; 1942-43; Summers 1939, 1941-42.
- MRS. JEFFIE O. CONNER *District Home Demonstration Agent*
 B.S. in Home Economics, Prairie View University, 1934; M.S., Prairie View University, 1944.
- MYRTLE E. GARRETT *Acting District Home Demonstrating Agent*
 B.S. in Home Economics, Prairie View University, 1938.
- W. H. PHILLIPS *District Agent*
 Normal Graduate, 1912, Prairie View University; Summers, 1930, 1939, 1941, 1942.
- JOHN E. MAYO *Acting District Agent*
 Normal Graduate in Agriculture, 1912; Prairie View University; Summers, 1929, 1930, 1941.
- MRS. CHARLOTTE F. BRUNER *Secretary to Agricultural Extension Department*
- MRS. SYLVIA S. SADBERRY *Secretary to Home Demonstration Extension Service Department*
- VIRGIE MAE AUSTIN *Farm Labor Secretary*
 B.S. in Home Economics, Tillotson College, 1946.
- J. V. SMITH *State Farm Labor Assistant*
 Normal Graduate in Agriculture, 1912, Prairie View University; Prairie View University, Summers, 1929, 1937, 1939, 1940.

THE ALUMNI AND EX-STUDENTS ASSOCIATION

The Alumni and Ex-Students Association of Prairie View A. & M. College was organized in 1901. Graduates and all students who have been honorably dismissed are eligible for membership. The Association has as its main objective a program of cooperation with the College administration for the constant improvement of Prairie View A. & M. College.

OFFICERS OF THE ASSOCIATION

R. W. Hilliard, President, Prairie View; Jessie T. Robertson, First Vice-President, Houston; I. B. Kemp, Second Vice President; A. C. Herald, Executive Secretary, Prairie View; Lula M. White, Corresponding Secretary, Houston; R. T. Tatum, Treasurer, Beaumont; Mable Kilpatrick, Pianist, Houston; D. W. Martin, Sgt.-at-Arms, Prairie View; Wm. Batts, Chaplain, Crockett; A. W. McDonald, Parliamentarian, Galveston; O. J. Thomas, Chairman, Membership Committee, Prairie View.

ALUMNI DAY is observed annually on the Saturday before Commencement Day of the regular session.

GENERAL INFORMATION

LOCATION

Prairie View A. & M. College is located in Waller County, forty-six miles northwest of Houston. Daily trains over the Southern Pacific Railroad discharge passengers at Prairie View. Taxi service is available to and from all trains.

PURPOSE

Three separate and distinct functions of Prairie View A. & M. College are clearly set forth in State and Federal acts for its establishment and support.

First. It is a normal school for the preparation and training of colored teachers.

Second. It is a four-year college offering liberal arts and scientific curricula.

Third. It is the Negro Land Grant College of Texas, providing opportunities for training in Agriculture, Home Economics, Mechanic Arts and related branches of learning.

In addition, the institution offers training in health education so that it may give to the State professionally trained nurses and provide opportunities for observation and practice to newly graduated students of medical colleges.

Prairie View A. & M. College attempts to serve the colored citizens of Texas at the points of their greatest needs and endeavors to bring the students' training into closer relationship with life's occupations.

The central theme of the philosophy of the institution is that education must have the objective of making a worthwhile life and a respectable living.

INSTRUCTIONAL ORGANIZATION

The institution is organized for instruction into six major divisions, as follows:

- The Division of Agriculture.
- The Division of Arts and Sciences.
- The Division of Home Economics.
- The Division of Mechanic Arts.
- The Division of Nursing Education.
- The Division of Graduate Study.

HISTORY

The Fifteenth Legislature of the State of Texas met in the year 1876. One of the acts of that Legislature provided for the establishment of "an agricultural and mechanical college" for Negro citizens to be located in Waller County. In that year L. M. Minor was elected first principal of the school. He served in this capacity until 1880. In the last year of his principalship a legislative act provided for reorganization of the college and made available funds for the training of public school teachers therein. The second principal, E. H. Anderson, served from 1880 to 1884, and L. C. Anderson, the third principal, held the position for the next twelve years. The gray stone Administration Building, whose architectural design is widely admired, was erected in 1889, and the Old Agriculture Building was erected in 1890.

For the next fifteen years, E. L. Blackshear served "Prairie View Normal" as principal. During his administration, significant growth was made in the curriculum and the plant. In 1899 the name became "Prairie View State Normal and Industrial College," and the new name indicated the enlargement of the curriculum: A four-year college course was authorized by the State Legislature in session in 1901. Among additions to the plant were: two dormitories for men, Foster Hall (1909) and Luckie Hall (1909); a dormitory for women, Crawford Hall (1912); and a combination Auditorium-Gymnasium-Dining Hall Building (1911).

I. M. Terrell, the fifth principal, held the position during the war years 1915-1918. Despite the stricture of the world conflict, the school plant expanded widely to accommodate mechanic and household arts; A Household Arts Building, the Power and Ice Plant, and the Laundry were erected in 1916; and in 1918 Spence Building, for the Division of Agriculture was erected.

The sixth principal of Prairie View State College was J. G. Osborne, whose tenure lasted from 1918 to 1925. Six buildings were added to the College in 1924 and 1925. The Veterinary Hospital, the Science Building, the College Exchange, the Elementary Training School, a Home Economics Practice Cottage, and a Music Conservatory.

In 1926 W. R. Banks became the seventh principal of Prairie View State College. He served until August 31, 1947, at which time he became Principal Emeritus. He held the position longer than any of his predecessors. He was succeeded on September 1, 1947, by E. B. Evans, who became the eighth principal of Prairie View University. Prairie View has developed along several lines in the past decade and a half. The physical plant has doubled its size, now having four one-hundred thousand-dollar buildings—the Dining Hall and the Hospital, three apartment houses for men teachers, three dormitories for women, a green house, an incubator house, a class room building, a new Auditorium-Gymnasium, a new Mechanic Arts Building, and over sixty cottages for college families.

A corresponding growth of educational emphasis at Prairie View has taken place in the last fifteen years. One of the significant studies of the period was an exhaustive examination of the objective and purposes of Prairie View College in 1933-34. Out of this study emerged Principal Banks' most often quoted statement: "Prairie View College must serve the state of Texas at the points of her greatest needs." The establishment of the Prairie View Conference of Education in 1931 is an important event in the history of the College; it illustrates one of the attempts to serve the state at the points of greatest needs. In the twelve years that the Conference has met, Prairie View has been host to educators, ministers, business men and women, housewives, social workers, farmers, men and women of Texas from all walks of life. These citizens have met together and discussed every phase of Texas life, from the facilities for educating Negro citizens to the training of domestic servants.

In the establishment of the Division of Graduate Study in 1937 Prairie View College added another page to its expanding history.

In 1936 when the first of a series of buildings was built to house the N. Y. A. residence center at Prairie View, a new chapter in Vocational Training for youth was opened. The project was originally designed to aid both boys and girls in getting work experience in some desirable field of work. The project was enlarged and made a training center for Negro boys in critical occupations for support of the war effort. The boys from this project filled positions as welders, mechanics, pipe fitters, machine operators, and moulders in shipyards, foundries, and machine shops all over the nation. The project terminated in July, 1943. The facilities are now being used for vocational and trade courses in which returning veterans will find an ever widening opportunity.

In July, 1943, a training unit of the Army Specialized Training Program was established with a maximum strength of 200 trainees enrolled in BE-1 Curriculum.

In 1943, when the Forty-eighth Legislature met in January, it appropriated \$160,000.00 for the erection of a Library Building. This amount was supplemented by \$20,000.00 for equipment and books.

The Forty-ninth Legislature passed the bill making Prairie View State College a university to offer as the need arises all courses offered at the University of Texas.

The Fiftieth Legislature of the State of Texas changed the name of the school from Prairie View University to Prairie View Agricultural and Mechanical College of Texas. The Governor signed this legislation February 27, 1947.

Prairie View is trying to serve the people of Texas at the points of their greatest needs.

THE W. R. BANKS LIBRARY

The Library, named in honor of the former chief executive, is located between Evans and Luckie Halls, just south of the Administration Building. It has a book capacity of some 100,000 volumes and study space for some 600 students simultaneously. Its beautiful, convenient, and comfortable study places include the Reserve Reading Room, Reference Service Room, and Graduate Study Room. Conference rooms are available on the basement floor for group study. Recreational reading may be done in the well appointed Popular Reading Room and the artistic tastes of students will be fostered in Exposition Hall and in the Art Room.

The various collections consist of well selected books, periodicals, films, micro-films, records, and other study materials for reference, collateral, cultural, and recreational reading and for research purposes.

To secure the greatest benefit from the services made available to readers in the Library each reader must become acquainted with the library rules and regulations and should seek timely guidance from the qualified members of the library staff.

To facilitate effective use of the Library the staff of the Research Center offers an orientation course in library methods to Freshmen and new students during the first six or eight weeks of each new school year. All who fall within these two groups are urged to cooperate fully in this undertaking.

EXTRA-CURRICULA ACTIVITIES

Religious Influences

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

The Young Men's Christian Association and the Young Women's Christian Association supply, in a large measure, spiritual and moral guidance to the men and women students.

Student Organizations

Thirty-three student organizations are in operation on the campus. They are: Home Town Clubs (where ten or more students are from the same town.) Departmental or Divisional Clubs: New Farmers of America, New Home Makers of Texas, Mechanic Arts Club, Spanish-French Club, Scientific Society (Beta Pi Chi), Florence Nightingale Nurses Club, Graduate Students Club, Business Administration and Social Science Club, History, Political Science and Philosophy Club, Dillente Literary Society, Charles Gilpin Dramatic Club. Religious: Y.M.

C.A., Y.W.C.A., Sunday School, Usher Board, Catholic Club. Dormitory Clubs: Luckie Hall Girls, Anderson Hall Girls, M. E. Suarez Club, Minor Hall Girls.

Athletics

The Department of Athletics sponsors the following major varsity sports for men: football, basketball, track, tennis and baseball. The varsity program for women includes basketball, track and tennis.

The intramural sports program, conducted for all students, includes football, basketball, baseball, tennis, track, indoor baseball and volley ball. Each student is expected to participate in at least one intramural sport.

Athletes from Prairie View have been competitors in national and international athletic events.

Prairie View A. & M. is a member of the Southwestern Athletic Conference.

PRIZES

The following prizes are awarded annually:

1. The Harrison-Valien Scholarship Prize.
2. The T. K. Lawless Prize.
3. The E. M. Richardson Memorial Prize.
4. The Prairie View Hospital Staff Prize.
5. The L. O. Jones Prize.
6. The J. M. Alexander Sunday School Award.

LOAN FUNDS

Prairie View College has five loan funds available to students:

1. The Hogg Memorial Loan Fund of \$25,000, was given to Prairie View by the late W. C. Hogg, in the year 1936. The interest from this fund is available for loans to students. At present the amount available for loans is in excess of \$5,000.00.
2. The Abner Davis Memorial Loan Fund was established by the students at Prairie View in memory of Abner Davis, who died in 1930 from injuries received in a football game between Prairie View College and Texas College. The fund has grown each year from the proceeds of the Miss Prairie View contest. At present \$3,000.00 are available for loans to students.
3. The Church Banks Loan Fund was established in 1938, by the students who were taking vocational agriculture under Church Banks at the time of his accidental death. This loan is available to seniors in Agriculture. The amount available for loans is \$136.00.
4. The Class of 1927 left a loan fund of \$53.15.
5. The Prairie View Club of Los Angeles, California, donated \$52.20 for student loans.

Students desiring loans should make inquiries at the Fiscal office and the Director of Student Personnel. In all cases loans are made with

the indorsement of some member of the staff at Prairie View University.

FELLOWSHIPS

The following fellowships are awarded annually:

1. State Fellowships for Graduate Students.

RULES AND REGULATIONS GOVERNING FELLOWSHIPS

1. Each scholarship consists of \$500.00, payable monthly to the scholar in 12 equal installments of \$41.66.
2. A scholarship award covers one long session and one summer session of continuous work, beginning in September and ending in August of the following year.
3. A person receiving the award is expected to render services to the institution in consideration of the award. Such services, *during the long sessions*
 - (a) are on a fourth time basis, and
 - (b) are assigned by the Graduate committee and placed under the supervision of the head of the department in which the scholar takes his major work;

and such services during, *the summer session*,

 - (a) are administered by the Student's Advisory Committee, subject to approval by the Graduate Committee.
4. Scholarships are assigned by the Graduate Committee, subject to approval by the Principal, on the basis of scholastic attainments, worthiness of character and promise of success in the principal field to which the applicant proposes to devote himself.
5. The scholar is allowed to carry a maximum load of 12 semester hours during the long session. His load for the summer session is determined by his Advisory Committee.
6. Residence is allowed on a "straight-time basis."
7. The "dead-line" date for receiving applications is May 15, immediately preceding the school year for which the scholarship award is effective.
8. Scholars appointed are notified of such action on or about June 15.

THE MARY GIBBS JONES AND JESSIE H. JONES SCHOLARSHIP FUNDS

Mr. and Mrs. Jessie H. Jones of Houston, Texas, made available to Prairie View \$25,000 for a scholarship fund in Home Economics and \$25,000 for a scholarship fund in Agriculture. Students who are selected will receive scholarships of approximately \$250.00 per year. Twenty such awards will be made annually for ten years, divided equally between girls in Home Economics and men in Agriculture.

The fund will be administered by the Houston Endowment Inc., of Houston, Texas.

REGULATIONS

DISCIPLINE AND GOVERNMENT

All students reporting to the institution for registration are subject to the disciplinary rules and regulations of the institution upon date of arrival on the campus.

The college compels no student to enroll nor to remain who finds that he cannot meet its requirements cheerfully. A student 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.

"Any student who makes false pretense as to his or her married state is subject to immediate suspension for an indefinite time. This applies to any person who marries secretly while enrolled as a student or who was secretly married at the time of enrolling."

The continuance of each student upon the rolls of the College, the receipt by him of academic credits, his graduation, or the conferring of any degree or the granting of any certificate are strictly subject to the disciplinary powers of the College, which it deems advisable. The disciplinary authority of the College is vested in the Principal in such cases as he deems proper.

AUTOMOBILE REGULATIONS

Students are not permitted to possess or use automobiles at Prairie View A. & M. College. If you own an automobile please do not bring it to the campus; you will not be permitted to register or continue enrolled if you have an automobile.

HAZING

Hazing is prohibited by law in state educational institutions of Texas. The law provides: that "Any student of any state educational institution 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 not less than ten days nor more than three months, or both."

EXPENSES AND FEES

(These fees are subject to change without notice)

FIRST SEMESTER

<i>Payable September 8, 1947</i>	Men	Women
Matriculation Fee (Required)	\$ 25.00	\$ 25.00
Student Activities Fee (Required)	5.00	5.00
Uniform Service Charge (Required) (Non- Veterans—ROTC)	2.50	0.00
Maintenance, Board, Room and Laundry	19.93	19.93
<i>Total for September Payable to Fiscal Department...</i>	<i>\$ 52.43</i>	<i>\$ 49.93</i>
Room key deposit, returnable (Payable to Dean) .	.50	.50
Textbooks and supplies are variable with classes and courses—estimated	20.00	20.00
Supplementary uniform—ROTC (on sale at College Exchange)	10.00	0.00
Maintenance for October, 1947	26.00	26.00
Maintenance for November, 1947	26.00	26.00
Maintenance for December, 1947 (21 days)	18.20	18.20
Maintenance for January, 1948 (24 days)	20.80	20.80
<i>Total Expense First Semester</i>	<i>\$173.93</i>	<i>\$161.43</i>

SECOND SEMESTER

Payable January 24, 1948

Matriculation Fee (Required)	\$ 25.00	\$ 25.00
Activity Fee (Required)	5.00	5.00
Maintenance for February, including 6 days in January	31.20	31.20
<i>Total for January payable to Fiscal Department</i>	<i>61.20</i>	<i>61.20</i>
Textbooks and supplies are variable with classes and courses—estimated	20.00	20.00
Maintenance for March, 1948	26.00	26.00
Maintenance for April, 1948	26.00	26.00
Maintenance for May, 1948 (29 days)	25.13	25.13
Total Expense for Second Semester	\$158.33	\$158.33
Total for Both Semesters	332.26	319.76

NOTE—Maintenance for veteran students is the same as for regular students except that those housed in FPFA and Trailer units will be required to pay \$21.58 maintenance (Board and Laundry) and \$8.00 per month for FPFA room rent. Maintenance is due on the first day of each month payable in advance. A late fee of \$1.00 is added to the regular charge if not paid by the 10th of each month. Late registration fee is \$1.00 per day, accumulative to \$5.00.

NON-RESIDENT STUDENT REGISTRATION FEES

- A. For each student who registers for twelve (12) or more semester hours in a semester of the long session, \$150.00 with a reduction of \$12.50 for each semester hour of maximum registration less than twelve.
- B. For each student who registers for four (4) or more semester hours in a Summer Term (of six weeks), \$50.00 with a reduction of \$12.50 for each semester hour of maximum registration less than four.
- C. For registration *in absentia* in any term or semester (but for no courses) \$12.50.

RESIDENT STUDENT FEES

1. Tuition
 - a. Long Session: \$25.00 each semester
 - b. Summer Session: \$12.50 each term and \$2.00 activity fee each term (required)
 - c. Registration in *absentia*: \$7.50
 - d. Extension School: \$10.00 plus \$3.00 per course.
 - e. Music fees: Piano or voice, two lessons a week, including the use of piano for practice, \$3.00 a month. \$12.00 per semester for music majors or minors in piano, voice or other instruments (excluding organ). \$5.00 a month for organ lessons
 - f. Shorthand or typing fee is \$1.00 per month or \$1.75 per month for both when taken at the same time. A fee of \$4.50 per semester is charged for typing or shorthand and \$8.00 per semester for both.
 - g. Correspondence course fee: \$16.00
 - h. ROTC uniform deposit fee: \$10.00—payable to College Exchange
 ROTC uniform service charge: \$2.50
2. Activity fee: \$5.00 for the long session
3. Maintenance: \$26.00 per month (non veteran)
4. Maintenance: \$21.58 per month plus \$8.00 FPHA rent (veterans)
5. Late Registration fee: \$1.00 per day, accumulative to \$5.00
6. Late fee for maintenance after 10th of month: \$1.00
7. Transcript fee: \$1.00 per copy after the first copy
8. Entrance examination fee: \$.50 (for students from non-accredited high schools (state)
9. Deficiency examination fee: \$1.00 for removal of deficient grade E, I or K
10. Diploma and Trade Certificate Fees (optional):
 - a. College Diploma: \$5.00
 - b. Graduate Nursing Diploma: \$7.50
 - c. Trade certificate: \$2.00
 - d. Graduate School Diploma and Graduation fee: \$10.00.

EXPENSES FOR NURSES

First Year

ENTRANCE FEE Payable September 1, 1947.....\$132.00*

Second Year

ENTRANCE FEE Payable September 1, 1948..... 120.00**

Third Year

ENTRANCE FEE Payable September 1, 1949..... 100.00***

NOTE: The following articles are to be brought by student nurses enrolling as freshmen: 4 sheets, 3 pillow cases, 1 pillow, sufficient covers, umbrella, rain coat, overshoes, white oxfords with low rubber heels, 2 spreads, 4 face towels, 4 bath towels, a work box containing instruments for mending, an inexpensive watch with second hand, an inexpensive thermometer.

All entering Nursing Education students pay the entrance fee which covers the cost of tuition, books, and uniforms for the first year only.

MUSIC FEES

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

Students who are music majors or minors and are registered in voice, piano or other instruments (excluding organ) will pay \$12.00 a semester, in advance.

A fee of \$3.00 a month is charged for non-music majors taking voice, piano or other instrumental music, payable in advance at the beginning of each month.

A fee of \$5.00 a month is charged for organ lessons, payable in advance.

The above fees include use of instruments for practice.

ACTIVITY FEE

The activities covered by the fee are subscription to "*The Panther*" (student publication), membership in the Y. M. C. A. or Y. W. C. A., admission to campus athletic contests, debating contests, dramatics, activities, and provision of orchestral music for approved entertainments.

* \$402.00—non-residents of Texas

** \$390.00—non-residents of Texas

*** \$100.00—non-residents of Texas

COMMERCIAL STUDIES

Fee—Payable in Advance

A fee of one dollar a month is charged for shorthand or typewriting. A fee of \$1.75 a month is charged for both when they are taken at the same time. A fee of \$4.50 per semester is charged those taking typing or shorthand; for those taking typing and shorthand, the fee is \$8.00 per semester.

Key Deposit Refund

Key deposits will be refunded if the student returns his key to the Fiscal Office within three days after the close of the period for which fees have been paid. If a student withdraws from school, his room key must be returned to the Fiscal Office within three days after date of withdrawal for any cause.

Diploma and Trade Certificate Fees

1. College Diploma \$5.00 (Optional)
2. Graduate Nursing Diploma \$7.50 (Optional)
3. Trade Certificate \$2.00 (Optional)
4. Graduate School Diploma and Graduation fee \$10.00.

Deductions and Refunds

During the long session any student withdrawing officially from the institution will receive the following fractional refunds of the matriculation fee: (1) during the first week of class work in a semester, four-fifths of the fee; (2) during the second week, three-fifths of the fee, (3) during the third week, two-fifths of the fee; (4) during the fourth week, one-fifth of the fee. After the fourth week no part of the registration fee will be refunded.

The starting point for determining fractional refunds is the date set for registration for a given semester.

ACADEMIC INFORMATION

ADMISSION

General Admission Requirements

All communications in regard to admission to the college should be addressed to the Registrar, Prairie View A. & M. College, Prairie View, Texas.

All applicants for admission to the college must be of good moral character and must pass a satisfactory physical examination administered by the school physician.

Admission by Certificate

Applicants who present complete certified transcripts showing graduation from accredited four-year high schools with a minimum of fifteen units of work will be admitted without examination.

A unit is the equivalent of one high school study satisfactorily pursued during one school year, thirty-six weeks in length, on the basis of five forty-five minute recitations a week. In laboratory courses three recitation periods and two double periods of laboratory work per week constitute a unit.

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

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

For admission to the Division of Nursing Education, nine units are required as follows:

English	3 units
Mathematics	2 units
History	2 units
Natural Science (with laboratory)	2 units

Applicants for admission to the Division of Nursing Education must be at least 18 years of age and not over 30 years of age.

The seven elective units may be earned in any subject or subjects accredited by the Department of Education of the state in which the high school is located, provided that the total number of required and elective units together in any one subject shall not exceed four units. Records submitted by applicants for entrance into the Division

of Nursing Education must be approved by the State Board of Nurse Examiners before such applicants may be accepted into the Division as preliminary students.

All credit for admission must be filed and classified in the Registrar's Office before the student may attain academic status of any kind. Transcripts should be on file in the Registrar's Office at least one month before the registration date of the semester in which the applicant plans to register. At the request of the applicant, a blank for this purpose will be sent by the Registrar for the principal of the high school from which the applicant was graduated.

All entering students are required to take a placement test in English grammar and may be required to take a psychological test.

Students entering to major in applied music (piano, voice, and violin) should show evidence of satisfactory elementary training and technique. Those who do not meet entrance requirements in applied music will study without credit until work and development are acceptable.

Admission by Examination

Any or all of the unit requirements for admission may be met by passing entrance examinations.

Spring entrance examinations are held throughout the state in May under supervision of the State Department of Education, mainly for the convenience of students in non-accredited high schools who wish to satisfy college entrance requirements.

Fall entrance examinations will be given at Prairie View A. & M. September 8 and 9, 1947, for graduates of four-year non-accredited high schools who wish to qualify for admission.

Entrance examinations will be administered between May and September at home, upon approval of such arrangements by the Principal, Prairie View A. & M. College, Prairie View, Texas. These arrangements should be made through the principal or the superintendent of the high school from which the applicant was graduated.

Admission to Advanced Standing

A student transferring from another college will be admitted to advanced standing in this college upon presentation of an official transcript of all work completed at the other institution.

Work completed at institutions which maintain standards of admission and graduation similar to those of this college will be given equivalent credit so far as it applies on courses offered in this college. All transfer students must meet residence requirements of this college.

Final acceptance of all transfer credit will depend upon the maintenance of satisfactory standing by the student during the first semester of his attendance.

Students applying for advanced standing in music courses that lead to a degree must show evidence of satisfactory completion of courses equivalent to those outlined in the music curriculum of the college and must pass acceptably an examination in applied music. Standing in music courses will be determined in consultation with the head of the Music Department.

Admission by Individual Approval

Applicants for admission who are over 21 years of age may be admitted to college courses without examination. Such persons must show evidence that they have substantially completed the work represented by the number of admission units required of other applicants and have sufficient ability and seriousness of purpose to do the work desired with profit to themselves and satisfaction to the college. Inability or failure to do the work shall be sufficient cause for withdrawal of such classification.

Students thus admitted may not receive credit toward a certificate or a degree until the eight required and seven elective admission units are absolved. These units may be absolved as follows: Upon completion of Freshman English three admission units are granted; two units in mathematics are granted upon completion of Freshman mathematics; two units in history and civics are granted upon completion of Freshman social science; one unit in science is granted for completion of Freshman science. Any or all of these admission units may be absolved by examination. The remaining seven elective admission units may be granted upon completion of 30 semester hours of college work provided the average is no lower than "C."

Admission as Irregular Student

Applicants at least 16 years of age who have completed scholastic training equivalent to completion of the elementary grades 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 desiring to enroll in trade courses.

Special Admission Requirements for Veterans

Veterans who have not completed high school may enter the college on individual approval. After successfully completing the Freshman year, the high school credits can be liquidated through appropriate examinations. The high school diploma will be awarded upon satisfactory completion of the work.

Prairie View A. & M. College normally admits high school graduates upon the recommendation of their high school principals. They must have fifteen units of high school work. Veterans will be admitted on individual approval even though they do not have fifteen units of high school work, but they must complete the first year's work in col-

lege and pass the professional examinations to validate the high school credit. Veterans who wish to pursue trade courses will be admitted to the trade school with elementary training and in special courses arrangements will be made to teach those who do not have elementary training to read and write.

SCHOLASTIC REGULATIONS

Unit of Credit

The unit of credit at Prairie View A. & M. College is the semester hour. A semester hour represents the equivalent of 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 per week, for eighteen (18) weeks, except that in the Mechanic Arts Division and Military Science three practice or laboratory hours are required to equal one lecture or recitation hour.

Explanation of Course Numbers

The first digit reading from the left indicates the level on which a course is offered, as freshman—1, sophomore—2, junior—3, senior—4. The second digit indicates the semester; even numbers, except zero, indicate second semester; zero indicates either semester. The third digit specifies the semester hours of credit a course carries.

Numbers in parentheses indicate the clock hours per week spent in lecture and laboratory respectively. Roman numerals I and II indicate first and second semesters respectively.

Example: CHEMISTRY 114, (2-4.) I. This means that the course is on the freshman level, and is offered the first semester, carries four semester hours of credit, and requires two clock hours for lecture and four clock hours for laboratory period.

Classification

Students who have credit for twenty-four semester hours are classified as sophomores; those having fifty-hour semester hours are classified as juniors and those having ninety-four semester hours are classified as seniors.

Class Attendance

It is a student's duty to attend regularly and punctually each class or laboratory exercise in each course. For credit toward a degree or for a certificate of proficiency, regular attendance is required in addition to the proficiency attested by class work and examination. Absences are counted from the first meeting of the class in each session. A student may be absent without penalty in a Session as follows: From a course meeting once weekly, twice; from a course meeting twice weekly, three times; from a course meeting three times weekly, five times; from a course meeting four times weekly, six times; from a course meeting five times weekly, seven times.

Each student should keep a record of his absence from class or tardiness. In case the limit is exceeded, a student desiring credit for the course may at the close of the Session submit a statement to the Registrar showing the cause of each absence.

If in the judgment of the Registration and Classification Committee these causes were imperative, full or partial credit for the course may be assigned by the Director in accordance with the extent and reason of the student's absences and the standing attained in the course.

Change of Program

After completing the initial procedures of registration for the session, a student may add or drop a course only with the approval of the director of the division. No course may be added after the tenth working day of any semester. The total number of hours must not become fewer than twelve. A student who drops a course after the first ten days of either semester for any cause other than withdrawal from the college is given, at the discretion of the director, a grade of "F" in the course for the semester. To drop a course unofficially (and persistent absence from class amounts to dropping) means to sever one's connection with the college.

Extra Loads

Any credit course taken in addition to a program of 17 semester hours constitutes an extra load in the Arts and Sciences Division and 18 semester hours in the other divisions. To carry an extra load the student must obtain written permission from the Classification Committee. Permission to carry an extra load may be granted to students maintaining a scholastic average of "B" or above during the last previous semester or term in residence.

Symbols of Grading

The grading symbols are: A (95-100); B (85-94); C (75-84); D (65-74); E (60-64); F (below 60); I—Incomplete. A grade of "I" means that some relatively small part of the session's work remains undone because of illness or other unavoidable reasons. Grades of "I" may become passing upon completion of the work prescribed by the instructor. (See section on Deficiency Examinations).

"F" is a failing grade. Credit for a course in which the grade of "F" is given can be secured only by repeating the course.

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 for illness or other imperative causes, should, in person, or through a friend, petition the director of the division in which he or she is registered—beforehand if possible—for permission to delay the work. If 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 given a failing grade.

The student must make application to the Registrar for a permit to remove a grade of "I."

Grade Points

For a grade of "A" in any subject, three times as many points will be given as there are credit hours in the course; for grade "B," twice as many points; and for a grade of "C," the same number of points. No other grades yield grade points. Grade points are required for graduation in the ratio of one grade point for each semester hour in residence counted toward graduation. Grade point requirement is for residence work only and does not apply to Extension school credit and transfer credits from another institution.

Honor Roll

The college honor roll is published at the end of each semester of the regular session. To qualify for the honor roll a student must have 12 hours and an average of "B" and no grade below "C" in any course.

Failing to Pass—Probation

Any student who, at the mid-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 on probation; if at the end of the semester the student still fails to pass in 50 per cent of the hours in major courses for which he is registered, at the discretion of the Principal, he shall be dropped from the institution for at least one semester.

Grade Reports From the Registrar

Grade reports are sent to parents or guardians at the end of each semester.

The parents or guardians of all students doing work below passing grade are notified of this condition shortly after the results of the mid-semester tests have been reported to the Registrar's Office.

EXAMINATIONS AND TESTS

Semester Examinations

Examinations in all college courses are given at the end of the first and second semesters. Exceptions from examinations will not be granted. In all examinations, account is taken of English usage.

Mid-Semester Tests

Mid-semester tests in all college courses are given at the end of the first nine-week period of each semester.

Absence From Examination

A student who is compelled to be absent from a semester examination for sickness or other imperative cause, should petition his director—beforehand if 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.

Deficiency Examinations

An examination to remove a course condition grade of "E" may be taken on one of the days designated for this purpose or during any regular examination period within twelve months after the grade was received. If examination is satisfactory, the final grade then becomes "D." A student who fails to pass deficiency examination in a course forfeits thereby the right to ask for another examination in the course and must repeat the work.

The student must make application to the Registrar's Office for a deficiency examination.

MEN CALLED TO THE ARMED SERVICES

Re: Academic Credit

Seniors who are in their last semester and are taking all the work for graduation are allowed their credits at the time they are called, provided it is past mid-semester, nine weeks.

Other students are allowed their grades up to the time of leaving, if they are called as follows:

- a. If two weeks after mid-semester, their "A" and "B" grades, eleven weeks.
- b. If after January 1 or May 1, their "A," "B," and "C" grades.
- c. "D" grades are allowed only when semester is completed.

In each case the student is expected to stay in college as long as possible before he goes to enter the Army. This is considered to be one week before his actual date of reporting.

A student who leaves earlier than the dates indicated above may be granted permission to take up his studies at a corresponding time in a later semester if he can come back. If he is out a considerable length of time, he should return earlier in order that the first part of the semester's work should be fresh in his mind when he comes to the latter part.

DEGREES, DIPLOMAS AND CERTIFICATES

Applying for Graduation

Any student expecting to graduate at the end of a regular long session is required to file application by special form for the degree,

diploma or trade certificate expected, during the first five days of the first semester of his attendance in that session. If graduation is expected at the end of the summer session, the application for degree, diploma or trade certificate should be made during the first three days of the first term of the student's attendance in that summer session.

The application should be directed to the Registrar.

Degrees and Diplomas Offered

1. From the Division of Agriculture, Bachelor of Science.
2. From the Division of Arts and Sciences, Bachelor of Arts, Bachelor of Music, Bachelor of Science, and Bachelor of Science in Education.
3. From the Division of Home Economics, Bachelor of Science.
4. From the Division of Nursing Education, Graduate Nurse Diploma and Bachelor of Science.
5. From the Division of Mechanic Arts, Bachelor of Science.
6. From the Division of Graduate Study, Master of Science.

No degree will be conferred except publicly on Commencement Days. Every candidate must attend in person the Commencement at which his degree is to be conferred. If he must be absent for a good cause, he must petition the Principal at least one week in advance.

Requirements for Degrees and Diplomas

Semester Hour and Grade Point Requirement. To qualify for any degree a student must not only present at least 120 semester hours and 120 grade points, but must also satisfy the specific course hour and grade point requirements listed for the division in which he is enrolled. One grade point for each semester hour presented for graduation is required of all candidates for degrees. Transfer students will not be credited with grade points in excess of hours. Students with less than a grade point average of one must make up the deficiency.

Special Requirements in Major Subject. Of the courses offered for an undergraduate degree at least six semester hours in advanced courses in both the *major* subject and *minor* subject must be completed in residence.

Extension Limitation. Of the courses offered for an undergraduate degree, not more than sixty semester hours in correspondence and extension will be accepted.

Residence Requirement. No degree will be conferred without campus residence equivalent to two semesters comprising thirty-six weeks or three summer sessions comprising thirty weeks, and the completion in residence of at least thirty semester hours of work counting toward graduation, provided also that the last 30 semester hours of work have been completed in continuous residence.

Six Hours in Government Required. The Forty-fifth Legislature passed the following law: "Provided further, that after September 1,

1937, no student shall be certified for graduation from any tax-supported State educational institution with the award of a college degree unless such student shall have completed theretofore in a standard college or university at least six (6) hours for credit in the governments of the State of Texas or of the United States of America, or the equivalent in both or shall have completed at least three (3) hours of said credit in government and at least three (3) hours of credit in a course in Military Science as provided in an approved Senior R. O. T. C. unit.

English Usage and Arithmetic Requirements. All seniors must 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 the tests.

Off-Campus Practice Teaching Requirement. Students in all divisions shall be required to take practice teaching off the campus before they may be recommended for graduation.

**Essay Requirement.* Every candidate for the bachelor's degree must write a report or an essay on some practical topic or project in his field of concentration. The report or essay must be typewritten, double-spaced on plain white bond paper, and must be approved by the advisor under whose supervision it has been written and the Head of the Department. Two copies, original and first carbon, must be 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 reports or essay before August first.

Skills Requirement. Candidates for graduation from the divisions of Agriculture, Home Economics, and Mechanic Arts are required to complete special skills courses in these respective fields before they may be approved for graduation.

Graduation Honors Requirement. Students earning a minimum ratio of two grade points for each semester hour are graduated "With Distinction." Students earning a minimum ratio of 2.5 grade points for each semester hour are graduated "With Great Distinction." No student who has made a grade below "D" shall be eligible for consideration for honors regardless of his grade point ratio.

Students who are to receive a degree must be enrolled in the institution for the semester in which the degree is to be conferred. A minimum fee of \$7.50 is required of students who are not enrolled in any classes.

Second Baccalaureate Degree Requirement. No second bachelor's degree will be conferred until the candidate has completed at least thirty semester hours in addition to those counted toward the first Bachelor's degree. Two-thirds of the credit subsequent to the first undergraduate degree required for presentation on the second undergraduate degree must be done in residence. It is provided further that

the last actual credit presented in the second undergraduate degree must be done in residence.

Requirements for Trade Certificates

Trade certificates are awarded for completion of special trade courses as follows: Automotive Science, Brick Masonry, Broom and Mattress making, Carpentry and Cabinet Making, Electrical Repair Shop, Laundering and Dry Cleaning, Machine Shop Estimating, Plumbing and Steam-Fitting, Printing, Shoemaking, Stationary Engineering, Tailoring, Shorthand, Typing, Beauty Culture, Dressmaking, Cooking, Painting, and Interior Decorating.

Requirements for Teaching Certificate

All teaching certificates are issued by the State Department of Education and signed by the State Superintendent of Public Instruction. Special requirements for the elementary permanent certificate are listed below.

<i>Course</i>	<i>SEMESTER HOURS (Minimum)</i>
ENGLISH—Composition and Rhetoric	6
EDUCATION—Principles of Elem. Education.....	3
EDUCATION—Introduction to Education	3
BIOLOGY	8
MATHEMATICS—Math. Analysis	6
ART	4
PHYSICAL ED.—Prac. and Meth. for Elem. Grades.....	4
ENGLISH—English	6
EDUCATION—Materials and Methods.....	3
EDUCATION—Rural Education	3
EDUCATION—Elementary Practice Teaching	3
EDUCATION—School Hygiene	3
MUSIC—Public School Music	3
GEOGRAPHY—Human Geography	3
HISTORY—Constitutional History	3

Information regarding other teaching certificates may be obtained from the Registrar or from the State Board of Examiners, Austin, Texas.

DIVISION OF AGRICULTURE

The Division of Agriculture offers two four-year curricula leading to the degree of Bachelor of Science in Agriculture. The entrance requirements for these curricula are the same as for the other divisions of the college. The work in this division centers around instruction and practice in Agricultural Education, Agronomy, Animal Husbandry, Dairying, Horticulture, Rural Economics, Rural Engineering, Rural Health, Rural Sociology, Special Agricultural Science, and Veterinary Science. In addition to subjects purely agricultural, the student is given instruction in professional and vocational subjects and the sciences closely related to agriculture.

DIVISIONAL REQUIREMENTS FOR GRADUATION

For the degree of Bachelor of Science in Agriculture one hundred and forty (140) semester hours of work must be completed as outlined in the course of study for the division.

CURRICULUM IN AGRICULTURAL EDUCATION

DIVISIONAL REQUIREMENTS FOR GRADUATION

FRESHMAN YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
English 113	3	English 123	3
Chemistry 114	4	Mathematics 183	3
Horticulture 113	3	Chemistry 124	4
Rural Engineering 113	3	Rural Engineering 123	3
Education 103	3	Animal Husbandry 113	3
Infantry 111	1	Infantry 121	1
	17		17

SOPHOMORE YEAR

English 233	3	English 243	3
Animal Husbandry 213	3	Horticulture 222	2
Biology 134	4	Dairying 223	3
Chemistry 254	4	Political Science 2x3	3
Rural Economics 213	3	Rural Engineering 223	3
Military Science 211	1	Veterinary Science 223	3
	—	Military Science 211	1
	18		18

JUNIOR YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Animal Husbandry 342	2	Animal Husbandry 313	3
Agronomy 313	3	Agronomy 323	3
Veterinary Science 223	3	Rural Economics 323	3
Rural Engineering 313	3	Agricultural Education 373	3
Horticulture 313	3	Horticulture 323	3
Political Science 203	3	Military Science 321	—
Military Science 311	—	Elective	2
	17		17

SENIOR YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Science 412	2	Rural Economy 423	3
Science 413	3	Horticulture 433	3
Biology 334	4	Agronomy 412	2
Agricultural Education 426	6	Education 383	3
Agronomy 423	3	Military Science 421	3
History 4x3	3	Elective	—
Military Science 411	—		18
	18		

During the senior year all students majoring in Agricultural Education must do not less than eight weeks of directed teaching in any approved Department of Vocational Agriculture off the campus. All students majoring in Agricultural Education must have had at least two years of practical farm experience prior to the date of graduation.

The following elective subjects are suggested for students majoring in Agricultural Education: Agricultural Education 403, 433, 443, 453; Horticulture 313, 443, 343; Rural Economics 342; Rural Engineering 343, 323; Rural Sociology 413; Rural Health 123.

CURRICULUM IN GENERAL AGRICULTURE

NOTE: The course of study for the freshman and sophomore years is the same as that for Agricultural Education.

JUNIOR YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Agronomy 313	3	Agronomy 323	3
Animal Husbandry 413	3	Animal Husbandry 313	3
Rural Engineering 313	3	Rural Economics 323	3
Horticulture 313	3	Military Science 321	8
Military Science 311	—	Electives	—
Electives	5		17
	17		

SENIOR YEAR

Science 412	2	Rural Economics 423	3
Science 413	3	Science 422	2
Biology 334	4	Dairying 423	3
Animal Husbandry 342	2	Horticulture 433	3
Agronomy 423	3	Military Science 421	3
Military Science 411	—	Electives	—
Electives	3		17
	17		

GROUP OF ELECTIVE SUBJECTS FOR STUDENTS
SPECIALIZING IN GENERAL AGRICULTURE

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Veterinary Science 313	3	Horticulture 323	3
Dairying 313	3	Animal Husbandry 323	3
Horticulture 343	3	Biology 254	4
Rural Engineering 343	3	Rural Sociology 413	3
Horticulture 433	3	Science 423	3
Agronomy 412	2	Animal Husbandry 423	3
Animal Husbandry 414	4	Horticulture 443	3
Agricultural Education 453	3	Legal Relations of the Farmer	2
Rural Engineering 323	3	Senior ROTC 313 or 323, or	
National Government 2x3	3	413 or 423	

OUTLINE OF TWO-YEAR COLLEGIATE COURSE IN AGRICULTURE

FIRST YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
English 113	3	English 123	3
Animal Husbandry 113	3	Mathematics 183	3
Horticulture 113	3	Rural Engineering 123	3
Rural Engineering 113	3	Rural Health 123	3
Military Science 111	1	Military Science 121	1
Electives	4	Electives	4
	—		—
	17		17

SECOND YEAR

Agronomy 313	3	Horticulture 222	2
Animal Husbandry 213	3	Dairying 223	3
Horticulture 313	3	Agronomy 423	3
Rural Economics 213	3	Animal Husbandry 342	2
Military Science 211	1	Veterinary Science 223	3
	—	Military Science 221	1
	13	Electives	3
	—		—
	17		17

DESCRIPTION OF COURSES

AGRICULTURAL EDUCATION

373. SPECIAL METHODS OF TEACHING VOCATIONAL AGRICULTURE IN SECONDARY SCHOOLS. (3-0) Credit 3. II. Special emphasis will be given to making outlines, lesson plans, surveys, and to reference books and bulletins needed in teaching.

403. SUPERVISED PRACTICE RECORDS. (3-0) Credit 3. I or II.

426. OBSERVATION AND PRACTICE TEACHING IN AGRICULTURE (2-3) Credit 6. II.

433. VISUAL INSTRUCTION (3-0) Credit 3. I or II. Use of pictures, maps, charts and graphs in offering instruction on the high school level. Planning exhibits for state and local fairs.

433. NEW FARMERS OF AMERICA. (3-0) Credit 3. I or II. A detailed study of the New Farmers of America, the national organization of Negro farm boys studying vocational agriculture.

453. EXTENSION METHODS. (3-0) Credit 3. I.

AGRONOMY

313. FIELD CROPS. (2-2) Credit 3. I. A thorough study of the most important field crops of Texas. Growing, harvesting with emphasis placed on their importance in balanced farming.

323. SOIL FERTILITY. (2-2) Credit 3. II. General principles of soil formation, soil fertility, including the physical, chemical and bacteriological factors affecting crop production and plant nutrients; depletion, maintenance, and methods of maintaining permanent agriculture.

412. FORAGE CROPS. (1-2) *Credit 2. II.* A study of grasses, legumes, and other plants used for forage and pasture. Silage, soiling and green manures.

423. SOIL CONSERVATION. (2-) *Credit 3. I.* Fundamental principles in soil conservation and fertility maintenance. Soil-conserving plants and soil building plants in gully control.

ANIMAL HUSBANDRY

113. TYPES AND MARKET CLASSES OF LIVESTOCK. (2-2.) *Credit 3. II.* Judging types, carcasses, market and market classes of livestock.

213. FARM, POULTRY, INCUBATION AND BROODING. (2-2) *Credit 3. II.* Possibilities of poultry production on individual farms.

313. FEEDS AND FEEDING. (2-2) *Credit 3. II.* Composition and digestibility of feed stuff, physiology, preparation, feeding standards and calculation of rations.

323. COMMERCIAL POULTRY, PLANT, MANAGEMENT. (2-2) *Credit 3. II.* The course comprises definite study in operating poultry farms. Breeding, pedigreeing and operation fattening plants.

342. FARM MEATS. (1-2.) *Credit 2. I.* A study of the methods of killing, cutting, sorting and curing farm meats.

413. HORSES, SWINE, BEEF, AND SHEEP PRODUCTION. (2-2.) *Credit 3.* This course comprises a systematic study of economical methods of producing livestock for the market and for farm use. The work includes studies in breeding, feeding, management, and marketing of the major types of livestock.

414. SPECIAL PROBLEMS. (2-4) *Credit 4. I or II.* This course in Animal Husbandry is open only to students majoring in Animal Industry.

423. INCUBATION AND BREEDING. (2-) *Credit 3. II.* A study of the care and operation of both small and mammoth incubators for private or commercial use. A thorough study of the modern methods of brooding.

DAIRYING

223. FARM DAIRYING. (2-2) *Credit 3. II.* A study of the principles of farm dairying. The dairy industry, composition, properties of milk, and methods of improving the quality of milk produced on the farm.

313. DOMESTIC DAIRYING. (2-2.) *Credit 3. I or II.* Production and use of milk for the home. Food value of dairy products, home manufacture of dairy products. Emphasis on quality of dairy products, scoring of milk, butter, cheese, and ice cream.

423. DAIRY MANUFACTURING. (2-2) *Credit 3.* The course consists of a study of a milk plant in operation. The manufacturing of butter, ice cream, cheese, milk drinks, powdered milk, and the city ordinances, state laws and Federal standards governing the distribution of milk and its products.

HORTICULTURE

113. GENERAL FARM GARDENING AND ORCHARDING. (2-2) *Credit 3*. I. The course is a general survey of the field and possibilities offered by the general farm garden and orchard together with a study of varieties, home gardening and canning.

222. LANDSCAPE GARDENING. (1-2) *Credit 2*. II. A critical study is made of the ornamental use and adaptation of plants of the campus. Methods of propagation and lawn maintenance and up-keep with application to home and farm beautification.

313. FRUIT GROWING. (2-2) *Credit 3*. I. 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 sorting.

323. VEGETABLE GARDENING. *Credit 3*. II. Not open to students who have not had Horticulture 113. A study of the principles of successful commercial vegetable gardening in the South.

343. FOOD PRESERVATION. (1-4.) *Credit 3*. II. A study of the equipment, recipes and directions for home food preservation.

433. PLANT PROPAGATION. (1-4) *Credit 3*. I. Special emphasis will be given to definite methods of propagation in the development of community and home nurseries.

443. FLORICULTURE. (1-4) *Credit 3*. II. The principles of producing flowers for sale. Also, the growing of house plants, garden flowers, and the arrangement of cut flowers in the home are included.

RURAL EDUCATION

383. PROBLEMS IN COMMUNITY COOPERATION. (3-0) *Credit 3*. II. Includes coordinating all the agencies in a particular community for developing definite programs of work.

RURAL ECONOMICS

213. GENERAL AGRICULTURAL ECONOMICS. (3-0) *Credit 3*. I. The course consists of the application of the economic principles to agricultural activity.

323. FARM MANAGEMENT. (3-0) *Credit 3*. II. Special emphasis placed on practical farm management problems. A study of farm records, choosing a farm, farm labor and equipment, cropping and feeding system and production costs.

342. LEGAL RELATIONS OF THE FARMER. (2-0) *Credit 2*. II. The study of general legal instruments as they affect the farmer: Contracts, corporations, partnerships, bankruptcy, auctions, wills, deeds, abstracts, insurance, and property rights and damages.

423. MARKETING. (3-0) *Credit 3*. II. Principles underlying the successful agencies, legal rights and obligations arising out of marketing transactions, the middleman. Special emphasis placed on cotton marketing.

RURAL ENGINEERING

113. FARM SHOP. (1-4) *Credit 3*. I. Farm work shop methods and iron work.

123. FARM MACHINERY. (1-4) *Credit 3*. II. Care, repair, maintenance and upkeep of farm machinery on the college farm and the students' home farm.

223. GRAPHIC METHODS. (1-4) *Credit 3*. II. Plotting and charting agricultural statistics. Presenting analyses and illustrations of outlook material and experimental data. Elementary lettering preparatory to making neat and attractive signs for fair and exhibits.

313. TERRACING. (1-4.) *Credit 3*. I. The course consists of the engineering principles of laying off terraces, plotting contours and the use of the surveyor's instrument and the Bostrum Farm Level.

323. ADVANCE FORAGE WORK. (1-2) *Credit 3*. II. Repair and care of agricultural equipment, sharpening plows, welding, making metal handy farm devices.

343. FARM BUILDING. (1-2) *Credit 3*. II. Includes the planning, construction and repair of farm buildings and appliances.

RURAL HEALTH

123. HEALTH EDUCATION. (2-2) *Credit 3*. II. The course includes the principles of healthful living, individually, in the home, the community, and the school.

RURAL SOCIOLOGY

413. HUMAN RELATIONS. (3-0.) *Credit 3*. I. Special emphasis given to economic and social forces as they affect the farming classes. Students are prepared to become leaders in general community improvement.

423. HOME APPRECIATION. (3-0) *Credit 3*. II. Courses designed to train students in the social, economic and educational relationships in the home. Open to students of Home Economics and Agriculture and to other students with the consent of the instructor.

SCIENCE

403. GENERAL FORESTRY. (2-2) *Credit 3*. I or II. A critical study of the general principles of forestry, forest planting, timber utilization, forest influence on climate and the relation of forestry to agriculture.

412. GENERAL ENTOMOLOGY. (1-2.) *Credit 2*. I. The course consists of a study of insect morphology, life histories, family characteristics, habits and their agricultural relationships.

413. PLANT PHYSIOLOGY. (2-2.) *Credit 3*. I. Principles of absorption, conduction, transpiration, photosynthesis, respiration, growth, movement and reproduction.

422. ECONOMIC ENTOMOLOGY. (1-2) *Credit 2*. II. The course consists of a study of insects beneficial and harmful to cultivated plants with recommended controls.

423. PLANT PATHOLOGY. (2-2) Credit 3. II. The course consists of a study of common diseases of important plants of Texas with control measures.

VETERINARY SCIENCE

223. ANATOMY AND PHYSIOLOGY. (2-2) Credit 3. II. A study of the anatomical and physiological structure, the digestive, respiratory and genito-urinary organs of the horse, ox, sheep, pig and chicken; the common diseases of farm animals and their prevention.

313. ANATOMY AND PHYSIOLOGY. (2-2) Credit 3. I. A continuation of Veterinary Science 223.

DIVISION OF ARTS AND SCIENCES

COLLEGE OF LIBERAL ARTS

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

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, although ample opportunity is given for cultivating related interests or pursuing studies which do not fall within the field of the student's major.

All freshman students are required to register for Orientation (Educ. 103) during the first term in college.

Every student in the Division of Arts and Sciences is required to spend six supervised clock hours per week throughout each year of residence in the long session, or the equivalent thereof in some form of vocational training not counted toward graduation in any course of study. This requirement is commonly referred to as "Industry."

Physical Education practice is required of all women students two hours per week throughout the freshman and sophomore years.

Unless specifically excused by the Principal, each student is expected to meet the twenty-four hour education requirement for teacher certification.

All freshman and sophomore students of the Division of Arts and Sciences, unless specifically excused by the Registrar before registration or the Director of Arts and Sciences Division after registration, are required to follow the prescribed courses as set forth in the catalogue. The various departments will hold to the work and sequence as outlined herein.

DIVISIONAL REQUIREMENTS FOR GRADUATION

The following general requirement must be met by all persons desiring degrees of any type from the Arts and Sciences Division.

<i>Courses</i>	<i>Semester Hours</i>
ENGLISH	12
FOREIGN LANGUAGE	6
SOCIAL SCIENCE	6
NATURAL SCIENCE	12
MATHEMATICS	6
PHYSICAL EDUCATION (excluding Practice Courses).....	6
AMERICAN GOVERNMENT	6
NEGRO HISTORY	3
*RURAL STUDIES	3
INDUSTRY	7

NOTE—Persons attending Extension Centers or Summer Sessions will be required to present four hours in required subjects as an equivalent to three semester hours earned during the regular session.

* Rural Education or Sociology 233.

MAJOR AND MINOR REQUIREMENTS

After the completion of the sophomore year every student in the Division who has not already done so must select with the advice and consent of the Department Head concerned, a department as a major field or a major. In addition to selecting a major field or a major every student must also select another department or other departments for minor fields of concentration and specialization. This is commonly referred to as choosing a minor or minors. Every candidate for graduation from the Arts and Sciences Division must satisfactorily complete a major and a minor before his graduation will be recommended.

At least six hours of the last 12 required for the completion of the major and minor must be done in residence. Course may be specified by the department concerned.

DEGREES

BACHELOR OF ARTS. The degree of Bachelor of Arts will be conferred upon candidates who satisfy all the general requirements for graduation and satisfactorily complete their work in English, the Social Sciences, or Music.

BACHELOR OF MUSIC. The degree of Bachelor of Music will be conferred upon candidates who satisfy all the general requirements for graduation and complete not less than 75 semester hours in Music.

BACHELOR OF SCIENCE. The degree of Bachelor of Science will be conferred upon all candidates who satisfy the general requirements for graduation and satisfactorily complete their major work in Mathematics, Natural Science, or Physical Education.

BACHELOR OF SCIENCE IN EDUCATION. The degree of Bachelor of Science in Education will be conferred upon candidates who satisfy all the general requirements for graduation and satisfactorily complete their major work in Education.

NOTE.—Persons selecting Secondary Education as a major field of concentration will be required to complete a second major in some field other than Education. The type of degree to be awarded any person presenting two majors will be determined from his second major.

GENERAL CURRICULUM IN ARTS AND SCIENCES DIVISION

FRESHMAN YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Orientation 103	3	English 123	3
English 113	3	Mathematics 183, 123	3
Mathematics 173, 113	3	Intro. to Education 113	3
Social Science 113	3	Natural Science 123	3
Natural Science 113	3	Psychology or Elective	3
Military Science (Men) 111	1	Military Science (Men)	3
Physical Education (Women) 111	1	Physical Education (Women) 121	3

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SOPHOMORE YEAR

Foreign Language 213	3	Foreign Language 223	3
Rural Studies 213	3	Education 223	3
National Government 213	3	Electives	6
Electives	6	State Government 203	3
Military Science (Men)	1	Military Science (Men) 221	1
Physical Education (Women) 211	1	Physical Education (Women) 221	1

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JUNIOR YEAR

Foreign Language	3	Foreign Language	3
English	3	English	3
Physical Education (Theory)	3	Physical Education (Theory)	3
Electives	6	Electives	6

SENIOR YEAR

Negro History	3
Education (Including Apprentice Work)	12
Electives	15

THE DEPARTMENT OF ECONOMICS AND BUSINESS ADMINISTRATION

The Department of Economics and Business Administration offers (1) A major or minor in Economics, Business and Commercial Education; and (2) A two-year course in Secretarial Training.

For a major in Economics and/or Business Education, thirty semester hours are required including Principles of Economics, Consumer's Economics, Economic Theory, Business Organization, and Labor Problems. For a minor, students are required to present eighteen semester hours in selected course offerings in consultation with the Chairman of the Department.

Each student who majors in Business Administration is required to show a proficiency in the skills by acquiring a minimum speed of 80 words per minute in shorthand and a minimum of 40 words per minute in typing. In addition to the above requirement, all candidates for a degree or certificate will be expected to spend a period of internship in some business or office, or when teaching certification is desired, the usual off-campus apprentice in education must be met.

SUGGESTED PROGRAM—MAJOR IN BUSINESS ADMINISTRATION

FRESHMAN YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Social Science 113	3	Social Science 123	3
English 113	3	English 123	3
Natural Science 113	3	Natural Science 123	3
Mathematics 113	3	Mathematics 183	3
Orientation 103	3	Intro. Education 113	3
Physical Education (Practice)		Physical Education (Practice)	
*Industry (Typing, Bus. Adm. 133)		*Industry (Typing Bus. Adm. 133)	
	—		—
	15		15

SOPHOMORE YEAR

Foreign Language 213	3	Foreign Language 223	3
Business English	3	Business English	3
Economics 213	3	Economics 213	3
Bus. Administration 252	2	Bus. Administration 262	2
Shorthand Theory	3	Shorthand Theory	3
Political Science 2X3	3	Economics 243	3
Physical Education (Practice)		Physical Education (Practice)	
*Industry (Office Practice)		*Industry (Office Practice)	
	—		—
	17		17

JUNIOR YEAR

Foreign Language	3	Foreign Language	3
Bus. Adm. 312	2	Econ. 323	3
Dictation and Transcription (Bus. Adm. 2X3)	3	Bus. Adm. 263	2
Adolescent Psychology	3	Pol. Science 203	3
Physical Ed. Theory	3	Rural Education	3
*Industry (Office Practice)		Physical Ed. Theory	3
	—	*Industry (Office Practice)	
	14		17

SENIOR YEAR

Bus. Adm. 463	3	Bus. Adm. 403	3
Negro History	3	Econ. 562	2
Elective	3	Electives	10
Practice Teaching	6		—
	—		15
	15		

Those majors interested in teaching commercial subjects will take courses in Machine Operation, Secretarial Activities, Personal Hygiene, High School Administration, and Methods and Materials of Teaching Business and Commercial Studies and other Courses as directed by the Chairman of the Department.

BUSINESS ADMINISTRATION

TWO YEAR COURSE—SECRETARIAL ACTIVITIES

FIRST YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
English	3	English	3
Mathematics	3	Mathematics	3
Social Science	3	Social Science	3
Shorthand Theory	3	Typing	3
Econ. Geography	2	Econ. Geography	3
	—		—
	14		15

SECOND YEAR

Principles of Economics 213	3	Principles of Economics 223	3
Bookkeeping and Accounting 273	2	Bookkeeping and Accounting 283	2
Business English	3	Filing 263	2
Office Management	2	Business Law	3
Dictation and Transcription 2X3	3	Business Ethics	2
Secretarial Activities	3	Advanced Typing	3
	—		—
	16		15

* Required of all Business Administration Minors.

NOTE.—Persons expecting to receive a certificate at the end of the above curricula must attain a speed of 50 words per minute in typing and a speed of 100 words per minute in Shorthand in a final performance test.

SUGGESTED PROGRAM FOR ECONOMICS MAJOR

FRESHMAN YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Social Science 113	3	Social Science 123	3
English 113	3	English 123	3
Mathematics 173	3	Natural Science 123	3
Orientation 103	3	Applied Math. 183	3
Economics 172	2	Economics 182	2
Physical Education (Practice) Industry	—	Physical Education (Practice) Industry	—
	14		14

SOPHOMORE YEAR

Economics 213	3	Economics 223	3
Foreign Language 213	3	Foreign Language 223	3
Political Science 2X3	3	Economic History	3
Introduction to Sociology	3	Economics 243	3
Elective	3	Rural Studies	3
Physical Education (Practice) Industry	—	Physical Education (Practice) Industry	—
	15		15

JUNIOR YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Foreign Language	3	Foreign Language	3
Bus. Administration 312	2	Political Science 203	3
Economics 4X2	2	English	3
English	3	(One of the following)	
(One of the following)		Economics 323	3
Adolescent Psychology	3	Economics 273	3
Vocational Guidance	3	Physical Education Theory	3
Physical Education Theory	3	Industry	—
Industry	—		12
	13		

SENIOR YEAR

Economics 422	2	Economics 403	3
Negro History	3	Economics 562	2
Business Administration 463.....	3	*Practice Teaching	6
Electives	7	Electives	4
	—		—
	15		15

ELECTIVES.—The Student may take any of the following courses in Economics during any semester in which he finds it convenient, when he has earned 60 or more hours: Economics 323, 502, 301, 402, 403, 406; Business Administration 463.

* Practice Teaching may be taken either semester.

DESCRIPTION OF COURSES

BUSINESS ADMINISTRATION

113. BUSINESS MATHEMATICS. (3-0) *Credit 3.* I. This course is designed to cover the simpler exercises and problems of everyday business calculations—including such topics as the use of aliquoit parts, practical short methods of calculation, fractions, percentage, interest and discount, and equation of accounts.

133. ELEMENTARY TYPING. (2-3). *Credit 3.* I and II. Designed to teach the manipulation of the key-board with proper stroking, using the touch system, so that by the end of the semester the student is able to type at a minimum rate of 30 words per minute (minus possible errors).

143. INTERMEDIATE TYPING. (2-3). *Credit 3.* I and II. This course is a continuation of B.A. 133 in which the student further develops skill—learn all forms of business letter writing rules, as well as the setting up of various other business forms, such as tabulation and typing of manuscript; all by mathematical placement rules. The goal set for the end of this semester's work is a minimum of 60 words per minute. Prerequisite: B.A. 133.

153. ELEMENTARY SHORTHAND. (3-0). *Credit 3.* I and II. In this course, shorthand is presented to the beginner through the Direct-Method Approach. After mastering the 600 most commonly used words,

a transition is made from the "Direct Practice Unit" to the Shorthand Manual.

163. INTERMEDIATE SHORTHAND. (3-0). *Credit 3.* I and II. A continuation of B. A. 153. This course includes practice in preparing the typewritten transcript of business letters, articles, and reports to conform to business standards. Prerequisite: B. A. 153.

233-243. ADVANCED SHORTHAND AND TYPEWRITING. (3-0). *Credit 3.* I and II. In this course emphasis is placed upon dictation and transcription of modern letter forms, reports, manuscripts, addresses, and the like. Prerequisite: B. A. 163.

253-263. ELEMENTARY PRINCIPLES AND PRACTICES OF ACCOUNTING. (3-0.) *Credit 3.* I and II. Introductory course designed to give the student the basic principles involved in bookkeeping and accounting and to show their function and importance in present day business. The course also seeks to acquaint the student with terminology applicable to home as well as business management.

273. FILING AND RECORD KEEPING. (3-0). *Credit 3.* I. This course is planned to give practice in various systems of keeping properly arranged office and business records.

283. SECRETARIAL PRACTICES. (3-0). *Credit 3.* II. Besides actually reviewing the rules on the various business skills such as transcription, typewriting, filing, and other office practices; this course attempts to correlate these skills with integration into other office duties and decorum by acquainting the prospective secretary with (1) personality development through appearance, poise, tact, diction, etc.; (2) telephone, telegraph and postal services; (3) various modes and services of travel; and (4) review of grammar and business English. Prerequisites: B.A. 133, 143.

363. SALESMANSHIP AND RETAIL MERCHANDISING. (3-0.) *Credit 3.* II. This course describes and analyzes selling, merchandising, and operation methods that have proved practical in the business world. How to develop salesmanship attitudes, how to build values around your merchandise, how to build your approach in selling, how to meet objections, how to arouse desires, how to close the sale, are some of the subjects covered in detail in this course. A laboratory period in a business enterprise on the campus is required.

373. PRINCIPLES OF INSURANCE. (3-0). *Credit 3.* I. A study of the theory and practice of the principal types of insurance in life, fire, and casualty fields. The economic theory of risk; loss prevention; state supervision, etc. (Given in alternate years.)

143. OCCUPATIONAL GUIDANCE. (3-0). *Credit 3.* I and II. Survey of occupational shifts throughout the country and the agencies necessary for training, placing, and improving employees.

463. BUSINESS LAW. (3-0). *Credit 3.* II. A study of the rules of law governing contracts, sales, agencies, partnerships, corporations. Interpretation of negotiable instruments and emphasis upon the law of con-

tracts. Prerequisites: Nine hours in Economics or Junior classification in the Mechanic Arts Division.

ECONOMICS

173. ECONOMIC GEOGRAPHY. *Credit 3. I, II.* This course deals with geographic conditions affecting industries, production and business throughout the world. Development and relations of commercial areas to location and availability of resources, labor and capital.

203. SURVEY OF ECONOMICS. (3-0). *Credit 3. I or II.* A beginning course which gives a survey of a study of production and consumption stressing the relation to social welfare of our principal economic institutions and processes, such as business organizations, banking, business cycles, marketing, foreign trade and public finance.

213-223. PRINCIPLES OF ECONOMICS. (3-0.) *Credit 3. I, II.* A general survey of the field of economics dealing with production, distribution, goods, exchange, prices, and supply and demand. The second semester deals with money, banking, labor problems, foreign exchange, agricultural problems and consumption.

243. BUSINESS ORGANIZATION. (3-0.) *Credit 3. II.* An analysis of the organization of business enterprises. Attention given to the individual proprietorship, partnership, and joint stock establishments. The management of corporations is given special attention.

323. ECONOMIC PRINCIPLES OF THE CONSUMER. *Credit 3.* This study of economics is approached from the consumer point of view. The main objective is to discover and point the way toward wiser consumer practices calculated to promote better social welfare. Some Major factors considered are: budgeting, insurance, investments, installment buying, and advertising.

343. PERSONNEL MANAGEMENT. (3-0). *Credit 3. II.* A study of the personnel relations between the members of a group of employees and their employer. The objective is to obtain efficient human force and to secure the maintenance of harmonious and profitable relationships.

353. LABOR HISTORY AND LABOR PROBLEMS. (2-0.) *Credit 3. I.* Historical background of labor in the United States, showing the interplay indentured service, slavery and free labor. Evolution of industrial society and industrial problems. Development and importance of union and employer associations.

403. TEACHING OF THE SOCIAL SCIENCES. *Credit 3. I and II.* Required of all Majors in the Economics; an examination of the various methods of teaching history, economics, sociology, political science, and geography. The most modern techniques in the field are presented in a practical and flexible manner.

413. FUNDAMENTALS OF WAR ECONOMICS. (3-0.) *Credit 3. I and II.* A realistic relationship between war and the economy. The principal emphasis is placed upon economic means of warfare and the Science of wartime economic policies.

406. BUSINESS APPRENTICESHIP. (6 hours daily for 2 months) *Credit* 3-6. I and II. Required of all Business Administration Majors. Students put in practice business fundamentals in private business institution for a laboratory period of two months.

422. THE NEGRO IN THE AMERICAN LABOR MOVEMENT. (0-4.) *Credit* 2. A research and discussion course to ascertain and investigate major American labor improvement with emphasis on the status and role of Negro from indentured service.

DEPARTMENT OF EDUCATION

MAJOR REQUIREMENTS

For a major in Education, 30 semester hours of work are required, of which 12 must be in courses numbered above 300 if the major is in elementary education and 15 hours above 300 if the major is in secondary education.

Students wishing to prepare themselves for teaching in the elementary school should select the elementary field for emphasis.

Students wishing to prepare themselves for teaching in the secondary school should select the secondary field for emphasis.

Preparation for teaching in one or more of the usual high school fields, (commercial work, English, history and social studies, mathematics, natural sciences) is a necessary part of the program for students who take a major in secondary education. Hence, the student must have a major outside of the field of education and it is advisable to have a minor which may be used as a second teaching subject. Experience has shown that many students who prepare to teach in the high school are employed in the elementary school; therefore, every student is advised to take Education 223.

Students who desire elementary certificates should include in their work Music 173 and 183, Nature Study, and Geography 173.

Each student is required to have Practice Teaching. While in this course, the student spends at least eight weeks in the campus training school and a minimum of eight weeks in a school off the campus.

SUGGESTED PROGRAM FOR A MAJOR IN SECONDARY

EDUCATION

FRESHMAN YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
English	3	English	3
General Orient	3	Introduction to Education	3
Social Science	3	Mathematics	3
Mathematics	3	Social Science	3
Natural Science	3	Natural Science	3
Physical Ed. (Women 110)	1	Physical Ed. (Women) 120	1
Military Science (Men) 111	1	Military Science (Men) 121	1
Industry 110	1	Industry	1
	—		—
	16		16

SOPHOMORE YEAR

American National Government....	3	American State Government	3
Foreign Language	3	Foreign Language	3
Rural Education	3	Methods in Teaching	3
Electives*	6	Elementary Subjects	3
Physical Education 130	1	Electives*	6
Military Science (Men) 211.....	1	Physical Education 140	1
Industry 130	1	Military Science (Men) 211.....	1
	—	Industry 140	1
	16		—
			16

JUNIOR YEAR

English	3	English	3
Foreign Language	3	Foreign Language	3
Principles of Secondary Education.	3	High School Methods**	3
Electives*	6	Electives*	6
Military Science (Selected Men) 303	—	Military Science (Selected Men)..	—
	15	Industry	—
			15

SENIOR YEAR

Negro History	3	Practice Teaching	6
Complete requirements in		Art and Science of Teaching.....	3
teaching fields		Educational Psychology	3
Military Sci. (Selected Men) 403..	3	Tests and Measurements or	
Industry 170	—	Pupil Personnel	3
			15

* The student may begin on his major and minor (teaching subjects).

** Students who desire an elementary certificate may substitute child psychology and classroom management for these courses.

DESCRIPTION OF COURSES

PSYCHOLOGY

103. ELEMENTARY PSYCHOLOGY. I or II. *Not accepted for credit in education.* Fundamental principles of human behavior and their applications are stressed.

EDUCATION

103. GENERAL ORIENTATION. (3-0.) *Credit 3.* Required of all entering freshmen in the Division of Arts and Sciences. The course treats the problems of the entering student, including adjustment to college life, methods of study, life objectives, and student interests.

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.

123. PRINCIPLES OF ELEMENTARY SCHOOL SUBJECTS. (3-0.) *Credit 3.* I. Among the topics discussed are: the historical background of the elementary school; characteristics of the elementary pupil; purposes of the elementary school; the elementary curriculum.

223. PROBLEMS OF THE RURAL TEACHER. (3-0.) *Credit 3.* II. Problems of daily program making, combining classes, attendance, health, and community relations are dealt with. The course is interested in the problems of the first seven grades of the rural school.

233. ELEMENTARY SCHOOL METHODS AND MATERIALS. (3-0.) *Credit 3.* I. The course deals with materials and methods for teaching in the elementary school. The unit, the activity program, the selection and planning of activities and the sources of materials are discussed.

243. RURAL SCHOOL METHODS. (3-0.) *Credit 3.* II. The course is designed to acquaint the student with methods for improving rural school instruction. The student is shown that the rural scene offers an opportunity to vitalize instruction.

253. ELEMENTARY SCHOOL ART. (3-0.) *Credit 3.* The student is introduced to the principles, materials and methods for teaching art in the elementary school.

263. ADVANCED PUBLIC SCHOOL ART. (3-0.) *Credit 3.* A course designed for those who want to increase their knowledge and proficiency in art Education. Prerequisites: Education 253.

293 or 313. CLASSROOM MANAGEMENT. (3-0.) *Credit 3.* I or II. A course dealing with the problems of classroom organization and control in elementary and secondary schools.

306. PRACTICE TEACHING IN ELEMENTARY SCHOOLS. (1-15.) *Credit 3* to 6. I or II. Observation and practice teaching will be done under the supervision of a critic teacher. Students will be required to do a minimum of eight weeks of observation and teaching in a school off the campus and at least eight weeks in the campus training school.

343. CHILD PSYCHOLOGY. (3-0.) *Credit 3.* II. Fundamental principles of child growth and development. Prerequisite: Education 123 or equivalent.

333. TEACHING HIGH SCHOOL SUBJECTS. (3-0.) *Credit 3.* I. The methods of the selection of subject matter, teaching materials and organization of teaching materials with reference to their contributions to the experience of the learner are emphasized rather than the traditional mastery of facts or possible preparatory values. Prerequisites Education 293, and Education 353 or Education 383.

353. ADOLESCENT PSYCHOLOGY. (3-0.) *Credit 3.* I. The Psychological development of the adolescent boy and girl. Prerequisites: Education 103.

373. (formerly 513.) ADMINISTRATION OF PUPIL PERSONNEL. (3-0.) *Credit 3.* I or II. A study of the compulsory education laws of Texas, and census information, state aid, general and special, school attendance and reporting, classification, grading, promotion and organization of guidance programs in large and small high schools.

383. (formerly 283.) EDUCATIONAL PSYCHOLOGY. (3-0.) *Credit 3.* II. Application of factors governing learning at the Secondary School level. Prerequisites: Education 113. Recommended, Psychology 103.

403. CLASS MANAGEMENT IN THE HIGH SCHOOL. (3-0.) *Credit 3.* I or II. Principles and practices of classroom organization and control in the high school.

406. OBSERVATION AND PRACTICE TEACHING IN THE HIGH SCHOOL. (1-15.) *Credit 3 to 6.* I or II. Observation and practice teaching will be done under the supervision of a critic teacher. Students will be required to do a minimum of eight weeks of observation and teaching in an off-campus school and at least eight weeks in the campus training school.

433. THE SCIENCE AND ART OF TEACHING. (3-0.) *Credit 3.* The course is open only to students enrolled in Education 306 or 406. Lectures and demonstrations are given by supervising teachers.

443. TESTS AND MEASUREMENTS. (3-0.) *Credit 3.* I. The student is introduced to the principles of making and using informal objective tests and the use of standard tests.

373. VOCATIONAL GUIDANCE. (3-0.) *Credit 3.* I or II. The course deals with the function and scope of guidance and the organizations and techniques for guidance in the school.

DEPARTMENT OF ENGLISH

MAJOR REQUIREMENTS

UNDERGRADUATE MAJOR REQUIREMENTS

For a Major thirty semester hours, in addition to English 463, The Teaching of English which is counted as Education, are necessary. Courses are prescribed as follows:

English 113, 123—Composition	6 hours
English 213—Public Speaking	3 hours
English 223—Major Problems	3 hours
English 323—Victorian Literature	3 hours
English 353—The English Language	3 hours
English 363—American Literature	3 hours
English 333—Romantic Movement	3 hours
English 303—Journalism	3 hours
English 412—Shakespeare	3 hours

Total 30 hours

MINOR REQUIREMENTS

For a Minor in English twenty-one semester hours in addition to English 463, The Teaching of English, which is counted as Education, are necessary. Courses are prescribed as follows:

English 113, 123—Composition	6 hours
English 213—Public Speaking	3 hours
English 223—Major Problems	3 hours
English 353—The English Language	3 hours
English 363—American Literature	3 hours
English 303—Journalism or 412, 422, The Novel.....	3 hours

Total 21 hours

SUGGESTED FOUR-YEAR PROGRAM FOR A MAJOR IN ENGLISH

FRESHMAN YEAR

First Semester		Second Semester	
	Hrs.		Hrs.
Grammar and Composition.....	3	Reading and Composition	3
Orientation	3	Introduction to Education	3
Natural Science	3	Mathematics	3
Social Science	3	Social Science	3
Mathematics	3	Natural Science	3
Physical Education (Women)	3	Physical Education (Women)	1
Military Science (Men)	1	Military Science (Men)	1
Industry		Industry	

SOPHOMORE YEAR

Foreign Language	3	Foreign Language	3
National Government	3	State Government	3
Rural Education	3	Adol. Psychology	3
Physical Education (Theory)	3	English	3
Minor	3	Minor	3
Phys. Ed. Practice (Women).....	1	Phys. Ed. Practice (Women).....	1
Military Science (Men)	1	Military Science (Men).....	1
Industry		Industry	

JUNIOR YEAR

Foreign Language	3	Foreign Language	3
Public Speaking	3	American Literature	3
The English Language	3	Victorian Literature	3
Physical Education (Theory).....	3	Major Problems	3
Minor	3	Minor	3
The Novel	2	The Novel	2

SENIOR YEAR

Practice Teaching	6	Shakespeare	3
Principles of Secondary Ed.....	3	Journalism	3
The Teaching of English	3	Minor	3
Negro History	3	Electives	4
Elective	2		—
	—		13

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DESCRIPTION OF COURSES

ENGLISH

103. ENGLISH FOR TRADE STUDENTS. (3-0.) *Credit 3.* I. Extensive study of principles of grammar; accuracy of spelling and punctuation; writing of clear sentences and paragraphs as of primary importance in business correspondence. Practice in letter construction involving simple business procedures and problems.

1X3. ENGLISH FOR TRADE STUDENTS. (3-0.) *Credit 3.* II. Continuation of 103 with special emphasis on the increasing of workable vocabulary for all types of speaking and correspondence. Intensive drill on the judgment and analysis of business correspondence.

113. GRAMMAR COMPOSITION. (3-0.) *Credit 3.* I. Intensive review of functional grammar; study and considerable practice in fundamental principles of written composition; written work based on provocative readings, biblical narratives, and periodical literature. Some attention is given to oral expression. Required of all freshmen.

123. READING AND COMPOSITION. (3-0.) *Credit 3. II.* A continuation of 113. Emphasis is placed upon expository writing. Further opportunity is given for oral expression.

213. PUBLIC SPEAKING. (3-0.) *Credit 3. I.* This course aims to give students practical training in spoken English. Emphasis is placed on the proper and effective use of the voice both in speech and reading in the attainment of clear and interesting speech, persuasiveness, and pleasing communicative relationships in the classroom. Speech projects range from the informal conversation and business interview to panel discussion and platform speaking.

283. MAJOR PROBLEMS. (3-0.) *Credit 3. II.* Attention is given to problems of teaching English in the public schools and to children's literature. Prerequisite: nine hours of English including English 113 and 123.

303. JOURNALISM. (3-0.) *Credit 3. I and II.* Theory and practice in different forms of modern journalism. Emphasis upon practical work. Prerequisites: some skill in the use of the typewriter, print shop practice, or registration for print shop practice in addition to English 113, 123.

223. WORLD LITERATURE. (3-0.) *Credit 3. I.* A course devoted to the reading and study of some of the best known masterpieces of the world, including classical mythology; the major cycles such as the Arthurian legend, the Niebelungenlied, and the Chanson de Roland; and the great authors of many nations. Greatest emphasis is placed on the reading and understanding of the text, rather than elaborate analysis and criticism.

323. VICTORIAN LITERATURE. (3-0.) *Credit 3. II.* Study of representative selections from the leading poets and prose writers of the period.

333. THE ROMANTIC MOVEMENT. (3-0.) *Credit 3. I.* Intensive study of the poetry of the Romantic Movement. Emphasis upon the poetry of Byron, Keats, Wadsworth, and Coleridge.

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. For credit toward a major or minor in English, this course must be taken while the student is in residence.

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. Some attention is given to work by American Negroes. Work done by correspondence is not acceptable for credit toward a major or minor.

400. WRITING CLINIC. *No credit.* III. A remedial course for Seniors and graduate students preparing for the English Proficiency Examination.

403. ARGUMENTATION AND DEBATING. (3-0.) *Credit 3. II.* A combined study of discussion and debate methodology, with emphasis on such elements as authorities, tests of evidence and reasoning. Theory is moderated by a steady regimen of practice in debate. Prerequisite English 213.

412. THE NOVEL. (2-0.) *Credit 2. I.* Study of the relations between literature and social conditions revealed in outstanding examples in the field of the novel. Prerequisite: eighteen hours of English.

422. THE NOVEL. (2-0.) *Credit 2. II.* A continuation of English 412, and 422 should be taken in sequence. They are especially designed for majors and minors in the field.

423. SHAKESPEARE. (3-0.) *Credit 3.* Brief introduction to Shakespearean drama, the character and condition of the age. Major emphasis upon detailed study of representative plays of Shakespeare.

463. THE TEACHING OF ENGLISH. (3-0.) *Credit 3. II.* Students who take this course are encouraged to have the credit recorded as work in Education, Special Methods Course. (See Education Department for description.) For credit towards a major or minor in English this course must be taken while the student is in residence. Prerequisite: eighteen hours of English.

DEPARTMENT OF MODERN FOREIGN LANGUAGES

No major is offered.

For a minor in language, eighteen semester hours in one language are required; six hours of which must be in courses numbered 300 or above.

DESCRIPTION OF COURSES

FRENCH

113, 123. ELEMENTARY FRENCH. (3-0.) *Credit 3 each semester.* The linguistic foundation of the French language including the mastery of phonetics; special emphasis on verbs and idiomatic usage.

213, 223. READING AND GRAMMAR REVIEW. (3-0.) *Credit 3 each semester.* French conversation, idioms, and verb drill. The reading material is simple and graded to review and emphasize the principles of French grammar and syntax. Outside reading is required of all students. Prerequisite: French 123.

313. GRAMMAR REVIEW AND METHODS. (3-0.) *Credit 3. I.* Methods of language instruction along with a review of the salient principles of grammar and pronunciation. Prerequisite: French 223.

323. INTRODUCTION TO CLASSIC AND ROMANTIC LITERATURE. (3-0.) *Credit 3.* Representative selections from French literature and classic and romantic periods are read during the classroom lectures. Additional readings and reports are assigned. Prerequisite: French 223.

403. MOLIÈRE. (3-0.) *Credit 3. I or II.* A representative work of Molière is used as a basis of classroom reading. Additional readings from the author are assigned. Prerequisite: French 223.

503. INTRODUCTION TO ROMANTICISM. (3-0.) *Credit 3. I or II.* A representative work of Hugo is used as the basis of classroom study and discussion. Additional readings and reports are assigned. Prerequisite: French 223.

SPANISH

113-123. ELEMENTARY SPANISH. (3-0.) *Credit 3. I and II.* Drill on the principles of pronunciation and grammatical construction. During the second semester, emphasis is placed on principles previously learned, on reading and on reproduction of materials from dictation.

213-223. ADVANCED GRAMMAR AND READING. (3-0.) *Credit 3. I and II.* Grammar review, study of idioms and idiomatic usage, conversation, memorization and practice in reading as literature. During the second semester emphasis is put on reading and translation. Prerequisite: Spanish 123 or equivalent.

313. GRAMMAR REVIEW AND METHODS. (3-0.) *Credit 3. I.* Methods of language instruction, with review of the salient principles of grammar and pronunciation. Prerequisite: Spanish 223.

423. SPANISH PROSE AND FREE COMPOSITION. (3-0.) *Credit 3. II.* A representative novel is used as the basis of classroom reading, translation, discussion, and composition work. Prerequisite: Spanish 223.

DEPARTMENT OF HISTORY, POLITICAL SCIENCE AND PHILOSOPHY

Students majoring in History are required to present thirty hours in the course offerings as listed on the following pages. The total offering is designed to take the student into most of the phases of modern historical development. The student should arrange to begin History 402 at the beginning of the Senior Year. Majors in History should arrange to complete the allied Social Science requirements listed below. Students minoring in History must present eighteen hours in selected course offerings in consultation with the adviser of the Department.

Majors in the combined fields of History and Government must present thirty hours in the offerings from the two fields as herein indicated, the exact nature of courses to be presented for a major to be determined by the Department. Courses from allied Social Science fields are to be presented in consultation with the departmental adviser.

SUGGESTED PROGRAM FOR HISTORY MAJOR

FRESHMAN YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Orientation Ed. 103	3	English 123	3
English 113	3	Mathematics 183 or 123.....	3
Mathematics 173 or 113.....	3	Introduction to Education 113.....	3
History 113	3	History 123	3
Natural Science 113	3	Natural Science 123	3
Military Science (Men)	1	Military Science (Men)	1
Physical Education (Women) 110		Physical Education (Women) 120	
Industry 110		Industry 120	

15 or 16

15 or 16

SOPHOMORE YEAR

Foreign Language	3	Foreign Language	3
Rural Studies (Ed 223 or Soc 233) .	3	Education 233 (Elem.)	3
Political Science 2X3.....	3	Political Science 203	3
History 213	3	History 223	3
Elective	3	Elective	3
Military Science (Men) 211.....	1	Military Science (Men) 221.....	1
Physical Ed. Practice (Women) 130		Physical Ed. Practice (Women) 140	
Industry 130		Industry 140	

15 or 16

15 or 16

JUNIOR YEAR

Foreign Language	3	Foreign Language	3
English	3	English	3
Physical Education Theory	3	Physical Education Theory	3
History 303	3	History 353	3
Elective	3	Elective	3
Military Science 303		Military Science 323	
Industry 150		Industry 160	

15

15

SENIOR YEAR

Negro History 4X3	3	History 403	3
Education (Including Prac. Teach.) 12		History 443	3
Military Science 403		History 362 (May be taken as elective in third year).....	2
	15	History 402	2
		Electives	6
		Military Science 423	
		Industry 170	

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SUGGESTED PROGRAM FOR HISTORY AND POLITICAL SCIENCE MAJOR

FRESHMAN YEAR

Orientation Ed. 103.....	3	Education 113	3
English 113	3	English 123	3
Mathematics 173 or 113.....	3	Mathematics 183 or 123.....	3
History 113	3	History 123	3
Natural Science 113	3	Natural Science 123	3
Military Science 111 (Men)	1	Military Science 121 (Men).....	1
Phys. Ed. Practice (Women) 110		Phys. Ed. Practice (Women) 120..	
Industry 110		Industry 120	

15 or 16

15 or 16

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Foreign Language	3	Foreign Language	3
Rural Studies (Ed 223 or Soc. 233)	3	Education 233 (Elem.)	3
Political Science 2X3	3	Political Science 203	3
History 213	3	Political Science 213	3
Elective	3	History 223	3
Military Science 211 (Men)	1	Military Science 221 (Men).....	1
Phys. Ed. Practice (Women) 130.....		Phys. Ed., Practice (Women) 140	140
Industry 130		Industry 140	
	—		—
	15 or 16		15 or 16

JUNIOR YEAR

Foreign Language	3	Foreign Language	3
English	3	English	3
Physical Education Theory.....	3	Physical Education Theory.....	3
Political Science 313	3	Political Science 433	3
History 203	3	Elective or Political Science 323..	3
Military Science 303		Military Science 323	
Industry 150		Industry 160	
	—		—
	15		15

SENIOR YEAR

Negro History 4X3	3	History 453	3
Education (Including Prac. Teach). 12		Political Science 403	3
Military Science 403		Electives (Including Hist. 403)....	9
	—	Military Science 423	
	15	Industry 170	
			—
			15

DESCRIPTION OF COURSES

HISTORY

European History

103. **MEDIEVAL EUROPE.** (3-0.) *Credit 3.* This course is a survey of the History of Europe from the fall of Rome to 1500. The course treats the shift from Mediterranean to European Civilization; the Feudal Age, Political and Intellectual; and the Dawn of Modern Civilization resulting from the Renaissance. (Lectures, Special Reports, Selected Readings. Open on demand; Consent of Instructor.)

113. **EUROPE 1500-1815.** (3-0.) *Credit 3.* I. Surveys European Development from the Protestant Reformation to the Congress of Vienna. The age of the Reformation—with the Catholic-Protestant clash in Religion and the new Nationalism; Monarchical Absolutism in France, England and the Colonial areas—an instrument of the Bourgeoisie; and Revolution, Democracy and Reaction, the Legacy of the enlightenment—form the core of the course. (Lectures, Quiz sections, special reports; open to all freshmen. Required of majors and minors, offered every year.)

123. **EUROPE, 1815-1914.** (3-0.) *Credit 3.* II. This course surveys European development from Napoleon's fall to World War I. The conflict of Metternichism and Liberalism 1815-1848; The growth of Nationalism 1849-1871; The Expansion of European Civilization to the World

1871-1914; And Gotterdamerung—form the thread of the course development. (Lectures, quiz sections, special reports.) Open to all freshmen; required of majors and minors. Offered every year.

303. ENGLAND, 1485 TO THE PRESENT. (3-0.) *Credit 3. I.* This course surveys the development of Britain in Modern historical development. Emphasis is placed on the Tudors and the Reformation; the Stuarts and Parliament; English expansion under parliamentary rule; the Era of Reform and Empire; the Empire and World War I, Britain between the Wars; and the Fight for Survival—Global War. (Lectures, Discussions, Special Reports—offered in odd years.) Junior standing or instructor's consent.

353. EUROPE, 1914 TO THE PRESENT. (3-0.) *Credit 3. I.* This course surveys the 20th century European development in its World setting. The background and causes of World War I; the War itself; the Versailles settlement and post War efforts at Political, Economic and Social Security, collectively and nationally; the ideological clash between democracy and totalitarianism which led to Global War and the Atomic Age—all form the subject matter of the course. Lectures, Discussions, special reports. Offered in odd years. Junior standing or consent of the instructor.

I. American History

213. THE UNITED STATES, 1942-1837. (3-0.) *Credit 3. I.* This survey of the first phase of American development treats the Transplantation and altering of European culture in Colonial America; the American Revolution and the Constitution; Democratic Hamiltonian ideals; the Politico-Socio-economic origins of the conflict between the sections which produced National Crisis. Lectures, Discussions, Special reports. Offered first semester yearly. Sophomore standing. Required of all majors.

223. THE UNITED STATES, 1837-1898. (3-0.) *Credit 3. II.* Prerequisite: History 213. This course surveys the period of the Bourgeois Revolution and the rise of Group Democracy in American development. It treats, the rise of the Common Man; Slavery and Abolition; "Popular Sovereignty;" The Last Formula; the Irrepressible conflict; Reconstruction and the New Nation; and Industrial Capitalism and its problem. Lectures, Discussions, Selected readings, special reports. Offered yearly, second semester. Sophomore Standing; required of all majors.

433 and 443. AMERICAN FOREIGN RELATIONS, 1775 TO PRESENT. (3-0.) *Credit 3. I and II.* A study of the United States in its relation with Latin-America and the rest of the world. Emphasis is upon public opinion and the economic, social and political forces that have determined American foreign policy and on the agencies through which that policy has been executed. Prerequisites: History 213 and 223, and any course in Political Science. May be taken as Political Science 443 and 433.

453. CONTEMPORARY UNITED STATES HISTORY, 1898 TO THE PRESENT. (3-0.) *Credit 3.* II. Prerequisite: 12 hours of History. This course surveys 20th century American development thus; America comes of age; the quest for Social Justice; the Great Crusade (World War I); Post War Normalcy and Reaction; Democracy in Transition—the New Deal; and American Leadership in the “United Nations,” “Lectures, discussions, special reports. Twelve hours of history or consent of Instructor. Offered in odd years.

Social and Economic History

313. SECTIONALISM AND THE CIVIL WAR, 1700-1865. (3-0) or (2-0). *Credit 2 or 3.* I. This course is taught from the Regional Hypothesis and treats Socio-economic Regionalism; Government Politics and the Regional Compromise in the Middle Period; Ideas in Embrogia—Issues and Men; Reconstruction and the New Nation. Lectures, Discussions, Special Reports.

323. THE NEW SOUTH, 1856 TO THE PRESENT. (2-0) or (3-0). *Credit 2 or 3.* II. Concentration is placed on the Relation of the South to National development since 1860. The Death of the Old South; Reconstruction and the New Nation; the “Dew Departure” 1876-1900.

333. ECONOMIC HISTORY OF THE UNITED STATES. (3-0.) *Credit 3.* I. Historical review of the development of agriculture, commerce, industry, and business from colonial times to the present. Analysis of social and economic forces in American society with attention to various mass movements. Industrialization of the country and the necessity for governmental regulations. Historical interpretation of trade unions, employer's associations, cooperatives. Prerequisites: six hours of Economics and Business Administration or History.

403. ECONOMIC HISTORY OF THE SOUTH. (1-3.) *Credit 2.* II. Research and discussion course designed to analyze the agricultural and industrial development of the South with special attention to the industrialization of the Southwest. Field trips, contact with state Historical societies to obtain documents and preparation of writing and publication of materials. Prerequisites: Six hours of history.

III. Special and Miscellaneous Courses

363. A SURVEY OF THE CRITICAL ATTITUDE AND TOOLS OF SCIENTIFIC HISTORY. (3-0.) *Credit 3.* I or II. The course emphasizes History and its relation to the Social Sciences; the Subject and the Collection and Classification of Sources; the criticism of data; exposition or the presentation of Historical evidence; and Sources and techniques of Political Science Research. Lectures, Laboratory exercises, special reports. Offered as Sociology 563, Social Research. History majors register for History 363.

402. HISTORICAL INVESTIGATIVE PAPER. (2-0.) *Credit 2.* I and II. Open to advanced Juniors and Seniors. (Required of all majors in the

field of History for graduation.) Credit allowed upon satisfactory completion of required senior investigative paper.

503. HISTORY OF THE FAR EAST. (3-0.) *Credit 3. I.* An introductory study of the political institutions of China, Japan, and other Far Eastern countries. Open to upper classmen with nine hours of Political Science; or History 113 and 123 or consent of the Instructor.

422 or 602. WESTERN AMERICAN HISTORY. (2-0.) *Credit 3. II.* Seminar in the exploration, settlement and development of the region western side of the Mississippi. Designed to discover and preserve materials on the early Spanish, French, African and Anglo-Saxon explorations and the contributions of the immigrants who made their homes in the Western region later.

372 and 622. PROBLEMS IN LATIN-AMERICAN HISTORY. (2-0.) *Credit 2. I.* Geography and resources of the Latin-American countries. Cultural traits of the population. Description of the social, political and economic institutions. History of the relations between the United States and Latin-American countries. Prerequisite: A course in European and American History.

IV. *The History of the Negro*

413. HISTORY OF THE NEGRO IN AMERICA. (3-0.) *Credit 3. I or II.* A general survey course giving the African background of the American Negro and depicting the Negro as slave, freedman and freeman. Stresses his contributions to American civilization and the minority techniques he has been forced to develop.

423. SURVIVAL TECHNIQUES OF AMERICAN NEGROES. (2-0.) *Credit 3. II.* An advanced course tracing the status and role of Negroes in various societies and the minority techniques they have evolved in majority civilizations. An appraisal of historical attempts at interracial adjustment, especially in the United States. Participation of Negroid peoples in the World conflict. Prerequisites: Two history courses or Sociology 223.

442. CULTURAL CONTRIBUTIONS OF THE NEGRO. (2-0.) *Credit 2. II.* Seminar open to English majors as well as History majors. Aims to present the artistic, literary, musical and scientific contributions of American Negroes to our common culture.

POLITICAL SCIENCE

Social Science majors concentration in Political Science are required to take at least 30 hours of Political Science. Course 3X3 is required of all Political Science majors, or a Methods Course in History may be substituted, History 363. Political Science majors must also take at least one semester course in four of these six fields: American Government, Foreign Government, Political Parties, Methodology and Theory, Public Administration, and International Law and Relations. Students who are eligible and desire to concentrate in Political Science should consult with the Chairman of the Department.

POLITICAL SCIENCE MAJOR
SUGGESTED FOUR YEAR PROGRAM

FRESHMAN YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Orientation Ed. 103	3	English 123	3
English 113	3	Education 113	3
Math. 173 or 113	3	Math. 183 or 123	3
History 113	3	History 123	3
Natural Science 113	3	Natural Science	3
Military Science 111 (Men)	1	Military Science 121 (Men)	1
Phys. Ed. Practice (Men)	—	Phys. Ed. Practice (Women) 120 ..	—
Physical Ed. Practice (Women) ..	—	Industry 120	—
Industry 110	—		15 or 16
	15 or 16		

SOPHOMORE YEAR

Foreign Language	3	Foreign Language	3
Rural Studies (Ed. 223 or Soc. 223) 3	3	Education (Ed. 233—Elem.)	3
Political Science 2X3	3	Political Science 203	3
Political Science 213	3	History 223 (Elective)	3
History 213 (Elective)	3	Political Science 243	3
Military Science 211 (Men)	1	Military Science 221 (Men)	1
Phys. Ed. Prac. (Women) 130	—	Phys. Ed. Pract. (Women) 140 ..	—
Industry 130	—	Industry 140	—
	15 or 16		15 or 16

JUNIOR YEAR

Foreign Language	3	Foreign Language	3
English	3	English	3
Phys. Ed. Theory	3	Phys. Ed. Theory	3
Political Science 313	3	Political Science 303	3
Political Science 3X3	3	Eco. 573 or Pol. Sci. 323	3
Military Science 303	—	Mil. Sci. 323	—
Industry 150	—	Industry 160	—
	15		15

SENIOR YEAR

Negro History 4X3	3	Political Science 432	3
Education (Including Practice Teaching)	12	Political Science 403	4
	—	Political Science 453	3
	15		10

DESCRIPTION OF COURSES

POLITICAL SCIENCE

I. American Government

103. POLITICAL SCIENCE. (3-0.) Credit 3. Government of Texas and the United States.
- 263 and 513. AMERICAN NATIONAL GOVERNMENT. (3-0.) Credit 3. I or II. An introductory survey course of the national government of the United States. Required by law in the State of Texas for graduation and teacher certification; a prerequisite for other courses in Political Science.

203 and 523. AMERICAN STATE GOVERNMENT. (3-0.) *Credit 3.* I or II. Continuation of Political Science 263 and accepted to fulfill the six hours required by law. Emphasis is given to the government of Texas and responsible citizenship. Visits to the State Legislature will be conducted.

233. AMERICAN LOCAL RURAL GOVERNMENT. (3-0.) *Credit 3.* II. A survey of the governmental organization and functions of counties, townships and villages, paying particular attention to rural government and school boards in Texas. Prerequisites: six hours of Political Science or three hours of Political Science with permission of the instructor.

243. MUNICIPAL ADMINISTRATION. (3-0.) *Credit 3.* II. A study of municipal government and the administrative problems involved in American cities.

413 and 423. AMERICAN CONSTITUTIONAL LAW. (3-0.) *Credit 3.* I and II. The principles of American constitutional law as seen in the leading cases, with special reference to political theories and national development. Prerequisites: six hours of Political Science.

II. Political Parties

213. POLITICAL PARTIES AND ELECTORAL PRACTICES. (3-0.) *Credit 3.* I. The organization and work of political parties, the control and conduct of elections, public opinion, and propaganda methods. Particular attention is paid to the American party system, and the Negro in the Southern States. Prerequisites: Political Science 2X3 and 203.

222. SEMINAR IN POLITICAL PARTIES AND ELECTORAL PROBLEMS. (2-0.) *Credit 2 or 3.* II. An intensive study of selected election problems in the Southwest paying particular attention to Negro suffrage and voting participation in Texas. Prerequisites: six hours of Political Science.

III. Foreign Governments

323. COMPARATIVE GOVERNMENT AND ADMINISTRATION. (3-0.) *Credit 3.* II. A survey of British political institutions and contemporary government forms and functions in Europe and America. A critical estimate of political theories and philosophies. Prerequisite: six hours of Political Science.

403. SEMINAR IN INTERNATIONAL ORGANIZATIONS. (3-0.) *Credit 3.* I or II. Description and evaluation of agencies and procedures of international cooperation devised by states during the past 100 years with emphasis on the period since World War I. Prerequisites: Upper class status with nine hours of Political Science.

373. SEMINAR IN GOVERNMENTS AND POLITICS OF THE FAR EAST. (2-0.) *Credit 3.* I. or II. an introductory study of the political institutions of China, Japan, and other Far Eastern countries. Open to upper classmen with nine hours of Political Science.

IV. Methodology and Theory

313. PRINCIPLES OF POLITICAL SCIENCE. (3-0.) *Credit 3.* I. An analysis of fundamental theories and institutions dealt with in Political Science, including the nature and purposes of the state; the nature of sovereignty and law; forms and types of government; and the relation to the individual. Prerequisites: six hours of Political Science.

363. BIBLIOGRAPHY AND METHODS OF RESEARCH. (3-0.) *Credit 3.* II. A survey of bibliographies, studies in the use of public documents and other source material; investigation and reports on special research problems. This course is required of all majors in Political Science. Prerequisites: Political Science 2X3 and 203. Offered as Sociology 563. Social Research. Political Science majors register for Political Science 3X3.

303 and 353. POLITICAL THEORY. (3-0.) *Credit 3.* I and II. A survey of the history of political thought from the days of Ancient Greece to the present.

V. Public Administration

413 and 423. AMERICAN CONSTITUTIONAL LAW. (3-0.) *Credit 3.* I. and II. The principles of American constitutional law as seen in the leading cases, with special reference to political theories and national development.

422 and 522. SEMINAR IN PUBLIC ADMINISTRATION. (2-0.) *Credit 2.* II. An analysis of the American administrative system and the common problems underlying all branches of administration. The course will consist of lectures, individual and group reports on some aspects of Texas Administration from time to time. Each member of the class will be required to make a written term report on some phase of public administration. Prerequisites: Nine hours of Political Science or permission of the instructor. (2 hours credit, offered in conjunction with the graduate school each semester.)

VI. International Law and Relations

323. COMPARATIVE GOVERNMENT AND ADMINISTRATION. (3-0.) *Credit 3.* II. A survey of British political institutions and contemporary government forms and functions in Europe and America. A critical estimate of political theories and philosophies.

453. SEMINAR IN PROBLEMS OF IMPERIALISM. (3-0.) *Credit 3.* I or II. A brief survey of the great historical imperial systems followed by an intensive study of colonial governments and the problems of imperialism in the world today. Prerequisites: six hours of Political Science and History 113, 123.

403. SEMINAR IN INTERNATIONAL ORGANIZATION. (3-0.) *Credit 3.* I or II. Description and evaluation of agencies and procedures of international cooperation devised by states during the past 100 years with emphasis on the period since the World War. Prerequisites: Upper class status with nine hours of Political Science.

433 and 443. AMERICAN FOREIGN RELATIONS, 1775 TO PRESENT. (3-0.) *Credit 3.* I and II. A study of the United States in its relation with Latin-America and the rest of the world. Emphasis upon public opinion, the economic, social and political forces that have determined American foreign policy and upon the agencies through which that policy has been executed. Prerequisites: History 213, 223 and any courses in Political Science.

463 and 473. PUBLIC INTERNATIONAL LAW. (3-0.) *Credit 3.* I and II. The law of the international community as it has been historically developed and reorganized by modern states with special references to the position of the United States. Prerequisites: Political Science 2X3 and 203 or Political Science 433 and 443, or History 443.

PHILOSOPHY

Students desiring to minor in the field must present seventeen hours in philosophy and six hours in some other Social Science. No major is offered in Philosophy.

PHILOSOPHY

303. PHILOSOPHIES OF LIFE. (3-0.) *Credit 3.* I. A course designed to introduce students, taking a course in philosophy for the first time, to the meaning, methods and field of philosophy and to give some understanding of the theories of the origin of the universe and life in it. Prerequisite: Sophomore standing.

3X3. INTRODUCTION TO LOGIC. (3-0.) *Credit 3.* I or II. A course dealing with methods of reasoning, deductive, and inductive; and with problem solving and evaluations. Of special interest to students majoring in government who are looking forward to Law as a career. Prerequisite: Sophomore standing.

323. ETHICS. (3-0.) *Credit 3.* II. An introduction to the development of morals, standards of values, conscience and methods of social control. Prerequisite: Sophomore standing.

413. HISTORY OF ANCIENT MEDIEVAL PHILOSOPHY AND MODERN. (3-0.) *Credit 3.* I. Designed for minors in the field and all students who would like to know the philosophical efforts of thinkers from the time of Ancient Greece up to the present. Prerequisite: Philosophy 303.

423. CURRENT ETHICAL PROBLEMS. (3-0.) *Credit 3.* II. Seminar in modern problems of conduct both individual and social as well as institutional: Reports, analysis and appraisal of proposed solutions for conflicts on the campus, in industry, in government, and between nations. Prerequisites: Junior rating and above, including graduate students.

LIBRARY SCIENCE

The steady growth of school libraries has brought with it a corresponding need for trained school librarians—librarians who have

made adequate preparation for intelligent and effective participation with faculties for dealing with the problems of curriculum, of teaching, and of the work of the school as a whole. To meet this need courses in the school library service are coordinated with the curricula for the education and training of teachers as an integral part of the work of the Division of Arts and Sciences. Students who complete the required courses are qualified for positions as teacher-librarians. A minimum of twelve semester hours are required for a minor in library science. No major is offered.

LIBRARY SCIENCE COURSES

LIBRARY ECONOMY

313. ADMINISTRATION. (3-0.) *Credit 3. I.* ~~A general course in the organization and supervision of school libraries and library materials, It covers the arrangement of library quarters, circulation work, scheduling, the relation of the library to the school community and state, and other library standards. Lectures and practice work.~~

333. BOOK SELECTION. (3-0.) *Credit 3. I.* ~~A course dealing with criteria and methods of book selection and book selection aids. Standards of judgment will be developed through varied readings, and practice will be given in making concise verbal and written annotations and reviews.~~

343. REFERENCE. (3-0.) *Credit 3. II.* This course deals with reference work and the reference method. It attempts to acquaint students with types of reference materials and techniques of reference service. Lectures and problems.

353. CATALOGUING AND CLASSIFICATION. (3-0.) *Credit 3. I.* Designed to acquaint students with simple methods, procedures, devices, and techniques used in organizing library materials for use.

363. SCHOOL LIBRARY PROBLEMS. (3-0.) *Credit 3. II.* An attempt to discover the functions of the school library through a consideration of the school's organization, objectives and programs; the sources, uses, and types of material required; and the library's relationship with the principal, the faculty, the students, and the community-at-large.

383. LIBRARY SERVICE FOR YOUNG PEOPLE. (3-0.) *Credit 3. II.* Emphasizes various service practices for young people—children and adolescents; covers briefly the history of young people's literature; surveys various types of books for young people by age, psychological and social levels. Lectures, discussions, readings, and reports.

DEPARTMENT OF MATHEMATICS

MAJOR REQUIREMENTS

For a major in mathematics, 27 semester hours are required, at least nine of which must be in courses numbering 300 and above.

MINOR REQUIREMENTS

For a minor in mathematics eighteen hours are necessary, at least six of which must be in courses numbered above 300.

SUGGESTED PROGRAM FOR A MAJOR IN MATHEMATICS

FRESHMAN YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Orientation	3	English	3
English Composition	3	Introduction to Education	3
Social Science	3	Mathematics 123	3
Natural Science	3	Social Science	3
Mathematics 113	3	Natural Science	3
Physical Education (Women)		Physical Education (Women)	
Military Science (Men)	1	Military Science (Men)	1
Industry		Industry	
	—		—
	15 or 16		15 or 16

SOPHOMORE YEAR

Mathematics	3	Mathematics	3
National Government	3	State Government	3
Foreign Language	3	Foreign Language	3
Rural Education	3	Education	3
Physical Education (Theory)	3	Physical Ed. Practice (Women)	
Physical Ed. Practice (Women)		Military Science (Men)	1
Military Science (Men)	1	Industry	
Industry		Foreign Language	3
	—		—
	15 or 16		15 or 16

JUNIOR YEAR

Foreign Language	3	Foreign Language	3
English	3	English	3
Mathematics	3	Mathematics (Inter. Calculus)	3
(Integral Calculus)		Mathematics (Theory of Equations)	3
Mathematics	3	Physical Science	3
Solid Geometry)			—
Physical Science	3		15
	—		—
	15		

SENIOR YEAR

Practice Teaching	6	Mathematics (College Geometry)	3
Principles of Secondary Ed.	3	Physical Education Theory	3
Ed. (Methods of Tchg. Math.)	3	Philosophy	3
Elective	2	Elective	2
	—		—
	14		11

MATHEMATICS

000. MATHEMATICS PLACEMENT TEST. This standardized test in high school algebra is given at the beginning of each school session, to all prospective students who plan to enroll in Mathematics 113 or Math. 123. Those who are successful in passing this test may enroll in Mathematics 113 or Mathematics 123. Those who fail in this test will be required to enroll in Mathematics 013, intermediate algebra of sub-college standard; however, any student who shows sufficient mental aptitude in Mathematics 013 early in the semester will be allowed to advance from Math. 013 to Math. 113.

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.

123. TRIGONOMETRY. (3-0.) *Credit 3.* I. A standard course in plane trigonometry with an introduction to spherical trigonometry. Prerequisite: College Entrance.

173-183. ELEMENTS OF APPLIED MATHEMATICS. (3-0.) *Credit 3.* I and II. A course designed for students of Home Economics, Agriculture and applicants for the permanent Elementary Teacher's Certificate. It includes a thorough review of the fundamental operations in arithmetic. Problems in home making, foods, clothing, farm and dairy, investment and insurance are given. Open to all students. Will not be counted toward fulfillment of major or minor requirements in mathematics.

213. ANALYTICAL GEOMETRY. (3-0.) *Credit 3.* I. A study of the point, the straight line, the conics, graphs of trigonometric, logarithmic and exponential functions. Prerequisites: Mathematics 113 and 123.

233. UNIFIED TRIGONOMETRY AND ANALYTICAL GEOMETRY. (3-0.) *Credit 3.* I. This course is a combination of the essential theorems and formulas in plane trigonometry and plane analytic geometry. It aims to prepare the student for an early study of the calculus, and is especially designed for students of Mechanic Arts.

224. DIFFERENTIAL CALCULUS. (4-0.) *Credit 4.* II. A thorough drill in the development and the application of the various formulae of differentiation to practical problems. Prerequisite: Mathematics 213 or 233.

314. INTEGRAL CALCULUS. (4-0.) *Credit 4.* I. An intensive study of the essential methods of evaluating ordinary integrals and their application to practical problems in mechanics, physics and other branches of science. Prerequisite: Mathematics 224.

323. INTERMEDIATE CALCULUS. (3-0.) *Credit 3.* II. A comprehensive course of selected topics not found in a first course on differential and integral calculus. Prerequisite: Mathematics 224 and 314.

413. THEORY OF EQUATIONS. (3-0.) *Credit 3.* I. A standard course in the theory of equations involving ruler and compass instruction, solutions of equations, matrices and determinants, symmetric junctions, eliminants, and discriminants. Prerequisites: Mathematics 224 and 314.

423. DIFFERENTIAL EQUATIONS. (3-0.) *Credit 3.* I and II. An 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. Prerequisites: Mathematics 314.

443. METHODS OF TEACHING MATHEMATICS IN ELEMENTARY AND HIGH SCHOOL. (3-0.) *Credit 3.* II. See Department of Education for description. Open to all College students.

DEPARTMENT OF MUSIC

MAJOR REQUIREMENTS

The degree of Bachelor of Arts with a major in music is offered for the completion of 128 semester hours in the prescribed curricula of music theory; piano; organ; violin; 'cello, viola or bass; woodwind and brass instruments; voice; school music; instruments of percussion. The minimum music requirement for the degree is 50 hours.

The degree of Bachelor of Music is offered for the completion of a minimum of 128 semester hours credit in the prescribed curriculum, of which 75 hours in music are the minimum requirement.

The Bachelor of Music degree is designed to follow the music major baccalaureate with a curriculum of supplementary professionalized and specialized courses in music. Normally five years are required to complete the work for the degree. In cases of definite music purpose and special merit, the degree may be awarded in four years without the previous awarding of the Bachelor of Arts degree.

Students must maintain an average of "B" or above in 50 per cent of the Music subjects in the freshman and sophomore years, and "B" or above in the major subjects in each of the remaining years.

In the curriculum of applied music a student must earn a minimum of 30 hours in his chosen major applied subject-voice or instrument.

MINOR REQUIREMENTS

For a minor in music twenty-four semester hours are required, of which nine must be applied courses. The minor is offered with emphasis on school music, theory, organ, piano, voice and orchestral instruments.

OTHER REQUIREMENTS

All students majoring in music are required to participate in vocal or instrumental organizations.

Majors and minors in school music are required to have at least two hours credit in conducting and four hours credit in orchestral instruments, string or brass, before the senior year.

Majors and minors in school music must be able to meet the department's requirement that they play the piano acceptably before graduation. This requirement must be met regardless of the number of credit hours accumulated.

All students majoring in music are required to have a minimum of six hours in music education.

BAND MUSIC

The department maintains a military and concert band in cooperation with the Department of Military Science. The maneuvers and activities of the band as a military unit and concert organization are offered.

ORGANIZATIONS

The College Chorus, Mixed Glee Club, Male Chorus, Women's Glee Club, Concert Choir, Quartets, Orchestras, Band and other vocal and instrumental ensembles offer excellent opportunities for music participation and expressions, and are under the direct supervision of teachers of the department.

HONORARY SOCIETY

The Mu Alpha Sigma Honorary Society was organized during the session 1935-36 for the purpose of giving recognition for achievement in meritorious performance, scholarship, research and original creative efforts in music. Students are not elected to the Society on the basis of their application for membership.

COURSE OF STUDY OUTLINE

SCHOOL MUSIC MAJOR (GENERAL SUPERVISOR'S COURSE)

FRESHMAN YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Applied Music Minor 113	3	Applied Music Minor 123	3
Elem. S. S. and Ear Training 132	2	Elem. S. S. and Ear Training 142	2
Clarinet Class and Band Meth. 170	0	Clarinet Class and Band Meth. 180	0
Music. Intro. and Terminology 013	0	Seminar 400	0
Seminar 400	0	Choir (One-half hour Credit)	
Choir (One-half hour credit) 110 1-2		120 1-2	
English 113	3	English 123	3
Social Science 113	3	Social Science 123	3
Natural Science 113	3	Mathematics 173	3
Introduction to Education 113	3	Education (Elective)	3
Phys. Ed. or Military Science	—	Physical Ed. or Military Science	—
	17		17

SOPHOMORE YEAR

Applied Music Minor 214	4	Applied Music Minor 224	4
Elementary Harmony 153	3	Elementary Harmony 263	3
Adv. Ear Training 232	2	Adv. Ear Training 242	2
Brass Class and Band Methods 150	0	Brass Class and Band Meth. 160	0
Education (Elective)	3	Education (Elective)	3
Foreign Language 113	3	Foreign Language 123	3
Seminar 400	0	Seminar 400	0
Choir (One-half Credit) 210 1-2		Choir (One-half hour credit)	
Elementary School Methods 172	2	220 1-2	
Physical Ed. or Military Science	—	Elementary School Meth. 182	2
	17	Phys. Ed. or Military Science	—
			17

JUNIOR YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Applied Music (Adv. Piano) 313 ..	3	Advanced Piano 323	3
Advanced Harmony 253	3	Advanced Harmony 263	3
Accompanying 410	0	Accompanying 420	0
Seminar 400	0	Seminar 400	0
Choir (One-half hour credit) 310 1-2		Choir (One-half hour credit) 320 1-2	
English (Elective)	3	English (Elective)	2
Foreign Language 213	3	Foreign Language 223	3
American Government 103	3	American Government 203	3
	—		—
	15		15

SENIOR YEAR

Applied Music (Advanced Piano) 413	3	Advanced Piano 423	3
Ensemble (Piano) or Chambre 432 or 472	2	Conducting 332a	2
Conducting 332	2	Seminar 400	0
Seminar 400	0	Choir (1-2 hour credit) 420 1-2.....	3
Choir (1-2 hour credit) 410 1-2....	3	Education (Elective)	6
Education (elective)	6	Education (Elective)	3
Education (Practice Teaching) ...	6	Negro History 4X3	3
	—		—
	16		17

VOICE MAJOR

FRESHMAN YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Voice 113	3	Voice 123	3
Piano	0	Piano	0
Elem. S. S. and Ear Training 132..	2	Elem. S. S. and Ear Training 142 2	2
Music Intro. & Terminology 013... 0	0	English Diction	0
Seminar 400	0	Seminar 400	0
Choir (1-2 hour credit) 110 1-2....	3	Choir (1-2 hour credit) 120 1-2.....	3
English 113	3	English 123	3
Social Science 113	3	Social Science 123	3
Natural Science 113	3	Mathematics 173	3
Intro. to Education 113.....	3	Education (elective)	3
Phys. Ed. or Military Science.....	3	Phys. Ed. or Military Science.....	3
	—		—
	17		17

SOPHOMORE YEAR

Voice 214	4	Voice 224	4
Piano	0	Piano	0
Elementary Harmony 153	3	Elementary Harmony 163	3
Advanced Ear Training 232.....	2	Advanced Ear Training 242	2
Music Literature 022	2	Music Literature 022a	2
Seminar 400	0	Seminar 400	0
Choir (1-2 hour credit) 210 1-2....	3	Choir (One-half hour credit) 220 1-2	
Foreign Language 113	3	Foreign Language 123	3
Education (Elective)	3	Education (Elective)	3
Phys. Ed. or Military Science.....	—	Phys. Ed. or Military Science.....	—
	17		17

JUNIOR YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Voice 313	3	Voice 323	3
Coaching in Roles and Song Lit. 292	2	Advanced Harmony 263	3
Advanced Harmony 253	3	Coaching in Roles and Song Lit. 202	2
Accompanying 410	0	Accompanying 420	0
Seminar 400	0	Seminar 400	0
Choir (One-half hour credit) 310 1-2		Choir (One-half hour credit) 320 1-2	
English (Elective)	3	English (Elective)	3
Foreign Language 213	3	Foreign Language 223	3
American Government 103	3	American Government 203	3
Dramatics 231	—		—
	17		17

SENIOR YEAR

Voice 413	3	Voice 423	8
Voice Ensemble 492	2	Conducting 322a	2
Conducting 332	2	Seminar 400	0
Seminar 400	0	Choir (One-half hour credit) 420 1-2	
Choir (One-half hour credit) 410 1-2		Education (Elective)	3
Education (Elective)	3	Education (Elective)	6
Education (Practice Teaching)....	6	Negro History 4X3	3
	16		17

DESCRIPTION OF COURSES

MUSIC INTRODUCTORY COURSES

013. INTRODUCTION TO MUSIC. (3-0.) *Credit 3.* I. A course in the fundamentals of music and elementary theory for persons beginning the collegiate study of music.

MUSIC LITERATURE AND APPRECIATION

012-012a. HISTORY OF MUSIC. (2-0.) *Credit 2.* I or II. A general survey of the great movements in the art of Music from the Greek period to the present day.

022-022a. MUSIC LITERATURE. (2-0.) *Credit 2.* I or II. This course is designed to familiarize the student with various conceptions of style in vocal or instrumental music, and deals with the history and analysis of selected compositions, instrumental or vocal.

032-032a. MUSIC APPRECIATION. (2-0.) *Credit 2.* II. A course in general music appreciation intended to serve as a means of introducing and extending knowledge concerning music and offering a background for intelligent listening to music. No previous music knowledge is required. This course is open to all students.

MUSIC THEORY AND COMPOSITION

062, 062a. ANALYSIS AND FORM. (2-0.) *Credit 2.* I or II. Practical analysis of simple and intermediate forms, and eighteenth and nine-

teenth century harmony as illustrated in the works of Mendelssohn, Haydn, Mozart, Beethoven, Schubert and others. Prerequisite: Music 013, 153 and 163.

132-142. ELEMENTARY SIGHT SINGING AND EAR TRAINING. (2-0.) *Credit 2.* I and II. Drill in aural recognition and vocal execution of scales, intervals, embellishments, sight reading and singing and melodic and harmonic dictation.

153-163. ELEMENTARY HARMONY. (3-0.) *Credit 3.* I and II. A study of scales, intervals, chords and their progressions, and general harmonizations.

171, 181. INSTRUMENTATION. (1-0.) *Credit 1.* I and II. A study of the band and orchestra and of arranging these organizations.

232-242. ADVANCED SIGHT SINGING AND EAR TRAINING. (2-0.) *Credit 2.* I and II. Advanced work in singing intervals and embellishments, and in all seven clefs; and the taking of melodic and harmonic dictation involving transposition and modulation.

253-263. ADVANCED HARMONY. (3-0.) *Credit 3.* I and II. Further study of use of chords, transposition and modulation. Study of the ninth chord, chromatic alterations, chorale harmonization of Bach and reading and harmonic analysis of a symphonic movement. Prerequisites: Music 013, 153 and 163.

273-283. ORCHESTRATION. (2-0.) *Credit 2.* I and II. A study of the instruments of the orchestra with the practical study of the art of symphonic scoring. Emphasis during the second semester is placed on a small original composition for orchestra.

353-363. COUNTERPOINT. (3-0.) *Credit 3.* I and II. The study of two, three and four-part counterpoints in all species; invertible counterpoint; canonic imitation; original writing in the simple contrapuntal forms. Prerequisites: Three semesters of harmony.

453-462. COMPOSITION. (3-0) and (2-0). *Credit 3 and 2.* I and II. Creative work in the smaller music forms for voice, piano or orchestral instrument.

APPLIED MUSIC—ELEMENTARY COURSES

100. INSTRUMENTAL AND VOCAL MUSIC (Industry). (0-6.) *No Credit.* I or II.

112-122, 113-123. CLARINET (or other wind instruments). (2-6. (3-6). *Credit 2 or 3.* I and II. (As Applied major or minor.) Embouchure formation; posture; breathing; long tones; major and minor scales; articulation; adjustment of reed to lips; fundamentals of attack. Methods of Rubank, Weissenborn, Anton Horner, Oscar Franz, Goldman, Arban, Wagner, Gekeler, Stubbins, Ernest Williams, Pottag-Hovey, Cimera-Hovey, Barrett, Klose, etc., according to wind instrument.

112-122; 113-123. VIOLIN (or other string instruments). (2-6) (3-6). *Credit 2 or 3.* I and II. (As applied major or minor.) Fundamentals of playing the violin or other string instruments. Methods by DeBeriot,

Kummer, Wohlfort, Dancla, Albert G. Mitchell, Davidoff, Nelson Watson, etc., according to string instrument.

113-123. PIANO. (3-6.) *Credit 3.* I and II. Bach, Two-Part Inventions; Hanon, Virtuoso Pianist; Czerny, School of Velocity; sonatas of Mozart and Beethoven; Chopin, Preludes; studies by Schubert and Grieg. All major and minor scales in four octaves using double and triple rhythms in various accents.

113-123. VOICE. (3-6.) *Credit 3.* I and II. Tone production, breathing, flexibility and phrasing. Songs chosen from the best simple song literature. Italian Anthology.

113-123. ORGAN. (3-6.) *Credit 3.* I and II. Preparatory manual exercises and pedal technique: the playing of trios (two manuals and pedals), study and playing of chorals and preludes and short work for the organ. Organ students must demonstrate ability in preparatory piano before admittance to organ classes.

INTERMEDIATE COURSES

200. INSTRUMENTAL AND VOCAL MUSIC. (Industry.) (0-6.) *No Credit.* I or II.

214-224. CLARINET (or other wind instruments). (1-6) (4-6). *Credit 1 or 4.* I and II. (As applied major, minor or school music requirement.) Chromatic scales; sustained tones; tenor clef for bassoon; horn transpositions; broken chords in all keys; etudes for the instrument used; continuation of method courses according to wind instrument; few selected solos.

212-222; 214-224. VIOLIN (or other string instruments.) (2-6) (4-6). *Credit 2 or 4.* I and II. (As applied major, minor or school music requirement.) Exercises in change of position; Rode and Dancla, Op. 73 Etudes for violin; Spohr Concerto No. 9 for violin; Greig sonata for violin; Kreutzer and Fiorillo etudes for violin, etc. Scales and arpeggios on the viola, three octaves; Gavinies, 24 Etudes for the viola, etc. Duport and Popper Etudes for 'cello; Sonatas by Breval, Sammartini or Eccles for 'cello; Bach, Suite in D Minor for 'cello, etc. Positions as far as the seventh for the double bass; Watson Method and Edouard Nanny, Exercises for double bass; Double Bass Method by Simandl, Part II, etc.

214-224. PIANO. (1-6) (4-6). *Credit 1 or 4.* I and II. (As applied major, minor or school music requirement.) Bach, Three-Part Inventions, French Suite or Prelude and Fugue from Well-Tempered Clavichord; Sonatas by Scarlatti, Haydn, Mozart or Beethoven of the early period; Chopin, Preludes, Mazurkas, Etudes, Nocturnes; Clementi, Gradus and Parnassum; romantic and modern pieces.

214-224. VOICE. (1-6) (4-6). *Credit 1 or 4.* I and II. (As applied major, minor or school music requirement.) Studies in diatonic and chromatic scales. Further development of tone production, vocal embellishments, legato and staccato style; the simple trill; additional songs from a selected list of English songs; selections in Italian and French; an Italian Aria from a Mozart opera or another composer of Italian

opera; recitatives and arias from such works as "St. Paul," "Elijah," and "Messiah."

214-224. ORGAN. (4-6.) *Credit 4.* I and II. A continuation of technical exercises; the extension of repertoire through the study of Preludes and Fugues by Bach; works of Guilment, Carl, Mendelssohn, etc. The study of the use of the organ for church and concert purposes.

312-322; 313-323; 412-422; 413-423 (or other wind instruments).

13.

ADVANCED COURSES

CLARINET. (2-12) (3-12) (3-18). *Credit 2 or 3.* I and II. (As applied major, minor or school music requirement.) Emphasis is placed upon advanced technical studies; repertory, including sonatas and concertos; classical romantic and modern wind instrument literature, and required senior recital for majors.

312-322; 313-323; 412-422; 413-423. VIOLIN (or other string instruments. (2-12) (3-12) (3-18), *Credit 2 or 3.* I and II. (As applied major, minor or school music requirement.) Emphasis is placed upon advanced technical studies; repertory, including sonatas and concertos; classical, romantic and modern string instrument literature, and required senior recital for majors.

313-323; 413-423; 513-523. PIANO. (3-12) (3-18). *Credit 3.* I and II. Emphasis is placed upon advanced technical studies; repertory, including sonatas and concertos; classified, romantic and modern piano literature, and required senior recital for majors.

313-323; 413-423; 513-523. VOICE. (3-12) (3-18). *Credit 3.* I and II. Emphasis is placed upon advanced technical studies; repertory, including oratorio and opera recitatives and arias in English, Italian, German and French; classical, romantic and modern vocal literature, and required senior recital for majors.

313-323; 413-423; 513-523. ORGAN. (3-12) (3-18). *Credit 3.* I and II. Emphasis is placed upon advanced technical studies; service playing; extemporization; repertory, including sonatas, chorales, selected symphonic movements and concertos; classical, romantic and modern organ literature, and required senior recital for majors.

SCHOOL MUSIC

151-161. VIOLIN CLASS METHODS. (1-6.) *Credit 1.* I and II. A class in beginning violin as a practical introduction to the technical problems involved in the playing of string instruments. The study of the instrument will be supplemented by study methods of class teaching and of presentation of practical teaching of school classes.

172, 182. ELEMENTARY SCHOOL METHODS. (2-0.) *Credit 2.* I and II. A course for students preparing to teach or supervise music in the first six grades of the public schools. Songs, materials and problems, and appreciation pertaining to these grades. Prerequisite: Music 013.

211-221. VOICE CLASS. (1-6.) *Credit 1.* I and II. A course in the fundamentals of correct voice production; breathing, breath control,

elementary study of vowel forms and consonants. Beginning songs, poise, posture and stage decorum. These elements are viewed from two standpoints: the development of the student's own voice, and pedagogy of the course.

273-283. INSTRUMENTAL MUSIC EDUCATION. (3-0.) *Credit 3.* I and II. Methods in teaching band and orchestral instruments; problems in organization, materials and interpretation of literature

332-332a. CONDUCTING. (2-0.) *Credit 2.* I or II. The development of an adequate baton technique, and technique and problems of choral and instrumental conducting in the elementary and high school

342-342a. CHORAL. (2-0.) *Credit 2.* I or II. The organization.

372-382. JUNIOR AND SENIOR HIGH SCHOOL METHODS. (2-0.) *Credit 2.* I and II. A study of the materials and procedures in the junior and senior high school. Demonstrations of the class teaching upon these two levels are included.

403. OBSERVATION AND PRACTICE TEACHING OF APPLIED MUSIC. (3-0.) *Credit 3.* I or II.

503. PRACTICE TEACHING OF MUSIC IN THE GRADES. (See Department of Education for description.)

603. PRACTICE TEACHING OF MUSIC IN THE JUNIOR AND SENIOR HIGH SCHOOL. (See Department of Education for description.)

MUSIC—SEMINAR

400. MUSIC SEMINAR. (0-0 to 6.) *No Credit.* I and II all four years. Credit in connection with major course of study. Extensive study in assembly of all music majors and minors in music problems and literature. Individual and ensemble performances before entire group. Lectures and demonstrations. Current news about music and musicians.

MUSIC—ENSEMBLES

110½-520½. CHORAL MUSIC (University Choir). (½ to 4.) I and II or all four years. Study and performance of sacred and secular choral music, cantatas and oratorios offering excellent practical opportunities for expression in part singing. A capella and accompanying singing.

111-421. BAND MUSIC (University Band). (1-6.) I and II for the four years. A military and concert organization for the study and performance of concert and military music. Affords excellent opportunity in practical experience in studying and performing advanced band literature.

410-420. PIANO ACCOMPANYING. (0-1.) *Credit in connection with piano.* I and II. This course aims to give instruction and practice in accompanying vocal and instrumental soloists, ensembles and other organizations, and an acquaintance with the accompaniments of standard music literature. Students are required to serve as accompanists and in teachers' studios. Prerequisite: Sufficient ability in piano playing and technique, sight reading ability, and permission of the teacher.

DEPARTMENT OF NATURAL SCIENCES

The Department of Natural Sciences includes Chemistry, Physics, and Biology. Each section has a chairman and their respective requirements for major and minor students. Separate as they are, each works coordinately with each other to perfect a unified program.

The department offers courses designed to prepare students for industry, teaching profession, premedicine and other preprofessions that require a scientific background. Credits earned here are accepted by all A class medical schools. The medical aptitude test is administered yearly under the supervision of the Natural Science Department.

BIOLOGY

MAJOR AND MINOR REQUIREMENTS

All major or minor students must maintain an average of C in all science courses, if a student's average drops below C at the end of the sophomore year, he will be asked to change to another major field.

For a major in Biology, a minimum of 34 semester hours are required, of which at least 12 must be numbered 300 and above. Of the 34 hours, the following courses must be included: Biology 134, 114, 124, 224, 344, 414.

Twenty hours are necessary for a minor in Biology which will include the following courses: Biology 134, 114, 124, 214, and 224.

In addition to the above requirements the following courses must be presented: Chemistry 114, 124; Physics 114, 124; and Math. 113, 123 or 173, 183.

In addition to 32 semester hours each person is required to present in thesis form the result of a scientific investigation.

SUGGESTED TWO-YEAR PREMEDICAL COURSE

FIRST YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Chemistry 114	4	Chemistry 124	4
English 113	3	English 123	3
French or German 113	3	French or German 123	3
Mathematics 113	3	Mathematics 123	3
Biology 114	4	Biology 124	4
	—		—
	17		17

SECOND YEAR

Chemistry 315	5	Elective or Chemistry 214	3 or 4
Physics 114	4	Physics 124	4
Elective or Biology 314	3 or 4	Elective or Biology 324	3 or 4
French or German 213	3	French or German 223	3
Elective	3	Elective	3
	—		—
	15 or 16		15 or 17

Electives may include courses in Biology, Biochemistry, Physical Chemistry, History, Economics, Psychology, Sociology.

SUGGESTED OUTLINE FOR A MAJOR IN BIOLOGY

FRESHMAN YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Biology 114	4	Biology 124	4
English 113	3	English 123	3
Mathematics 113	3	Mathematics 123	3
Chemistry 114 (if Minor)	4	Chemistry 124 (if Minor)	4
Education 103	3	Introduction to Education	3
Phys. Ed. Practice (Women) 110		Physical Ed. Practice (Women) 120	
Military Science (Men)	1	Military Science (Men)	1
Industry 110	—	Industry 120	—
	17 or 18		17 or 18

SOPHOMORE YEAR

Biology 134	4	Chemistry 204 (for Minor)	4
Biology 314	4	Biology 324	4
French 113	3	French 123	3
National Government 2X3	3	State Government 203	3
Physics 114	4	Physics 124	4
Phys. Ed. Practice (Women) 130..		Phys. Ed. Practice (Women) 140.	
Military Science (Men)	1	Military Science (Men)	1
Industry 130	—	Industry 140	—
	18 or 19		18 or 19

JUNIOR YEAR

Biology 414	4	Biology 424	4
Chemistry 315	5	Chemistry 325	5
English	3	English	3
French 213	3	French 223	3
Education	3	Education	3
Physical Ed. Theory (Women)....	3	Phys. Ed. Theory (Women).....	3
Military Science (Selected Men)..		Military Science (Men, Selected)..	3
Industry 150	—	Industry 160	—

SENIOR YEAR

Elective in Major Field.....	4	Elective	4
Education	9	Elective in major	4
Negro History	3	Electives	6
Military Sci. (Selected Men) 403..	3	Military Science (Selected Men)..	3
Industry 170	—	Industry 180	—

SUGGESTED TWO-YEAR PREMEDICAL COURSE

FIRST YEAR

Chemistry 114	4	Chemistry 124	4
English 113	3	English 123	3
French or German 113.....	3	French or German 123.....	3
Mathematics 113	3	Mathematics 123	3
Biology 114	4	Biology 124	4
Phys. Ed. Practice (Women) 110.		Physical Ed. (Women) 120.....	
Military Science (Men)	1	Military Science (Men)	1
Industry 110	—	Industry 120	—
	17 or 18		17 or 18

SECOND YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Chemistry 315	5	Elective or Chemistry 214	3 or 4
Physics 114	4	Physics 124	4
Elective or Biology 314	3 or 4	Elective or Biology 324	3 or 4
French or German 213	3	Elective	3
Elective	3	French or German 223	3
Phys. Ed. Pract. (Women) 130.....		Industry 140	
Military Science (Men)	1	Phys. Ed. Pract. (Women) 140...	
Industry 130		Military Science (Men)	1

The suggested outline for a Two Year Premedical Course represents the *minimum requirements*. Students who contemplate the study of Medicine are advised to major in biology or chemistry. Electives may include courses in Biology, Biochemistry, Physical Chemistry, Organic Chemistry, Quantitative Analysis, History, Economics, Psychology and Sociology.

DESCRIPTION OF COURSES

BIOLOGY

114. GENERAL ZOOLOGY. (2-4.) *Credit 4. I.* A course designed as an introductory course in animal life. Many of the important principles in the field of evolution, morphology, embryology, animal behavior and genetics are illustrated. A good part of the semester is spent in a detailed study of the frog.

124. GENERAL ZOOLOGY. (2-4.) *Credit 4. II.* A continuation of Biology 114, dealing with the study of morphology and physiology of the invertebrate groups.

134. GENERAL BOTANY. (2-4.) *Credit 4. I.* A morphological and physiological study of the organs of flowering plants, with emphasis on general biological principles and their possible applications to related fields. The latter portion of the semester is devoted to a survey of the plant kingdom using type representatives to show structure, methods of reproduction, and biotic relationships. Two lectures and two laboratory periods per week.

254. GENETICS. (2-4.) *Credit 4. II.* A course devoted to a study of the laws and principles governing heredity. The importance of genetics in relation to plant and animal improvement and to eugenics. Lectures and reports two hours weekly, two laboratory periods of 2 hours weekly. The course is offered in alternative years with Histological Technique and Microscopic Anatomy. Prerequisite: Biology 134, 114 or 124.

304. PHYSIOLOGY FOR STUDENTS OF HOME ECONOMICS. (2-4.) *Credit 4. I.* A course designed to give Home Economics students a first hand knowledge of the phenomena of life by having her study the various activities of living beings in the laboratory, supplemented by reading and classroom discussion. The physiology of blood and circulation, respiration, digestion, metabolism, the endocrine organs, nervous action, and the sense organs are considered.

314. HUMAN PHYSIOLOGY. (2-4.) *Credit 4.* I. A course dealing with general physiology, physiology of blood circulation and blood, respiration and the nervous systems. Lectures, quiz-conferences, demonstrations and laboratory. Prerequisite: Biology 124.

324. HUMAN PHYSIOLOGY. (2-4.) *Credit 4.* II. This course is a continuation of Biology 314, dealing with the physiology of digestion, metabolism, muscle, endocrines, and excretion. Lectures, quiz conferences, demonstrations and laboratory. Prerequisite: Biology 314.

343. MICROBIOLOGY. (2-4.) *Credit 4.* I. Following a brief historical development of microbiology, bacteria, yeasts, molds, and protozoa are studied in detail. Special attention is given to the study of their structure, reproduction, method of dispersal, habitat, methods of killing and controlling, and their relation to the health of domestic and human animals; to agriculture, industry, household art and other direct influences upon human affairs. Two lectures and two laboratory periods weekly. Prerequisite: Biology 134.

344. COMPARATIVE ANATOMY. (2-4.) *Credit 4.* I. This course is designed to study the classification and the characteristics of the chordates. It compares the anatomy of organs and organ systems, their function and evolution in the representatives of major vertebrate types. For pre-medical students and biology majors. Prerequisite: Biology 124.

354. HISTOLOGICAL TECHNIQUE. (2-4.) *Credit 4.* II. This course deals with different techniques of preparing tissues and organisms for microscopic examination. Two lectures and two laboratory periods per week. Offered in alternate years with Biology 254. Prerequisite: Biology 134, 114 or 124.

364. ANIMAL HISTOLOGY. (2-4.) *Credit 4.* II. A course covering microscopic structure, as confirmed by examining slides of representative processes, tissues and organs of the animal body. Prerequisite: Biology 114, 124, or 134.

414. VERTEBRATE EMBRYOLOGY. (2-4.) *Credit 4.* I. This course deals with the development of the vertebrate as illustrated in the gametogenesis, fertilization, cleavage, blastulation, gastrulation and organogenesis in the development of the chicks and pig. For pre-medical students. Prerequisite: Biology 114 and 124.

431. RESEARCH. (0- .) *Credit 1.* I and II. Every graduating student for the Bachelor degree is required to write an investigative paper. In Biology it is generally based upon some form of experimental research, natural history study or other form of investigation whereby they get the fundamentals of how research should be carried out and written up.

MICROBIOLOGY

124. MICROBIOLOGY. (2-2.) Covers morphological and physiological study of micro-organisms and the part they play in relation to health, agriculture, and the scheme of life in general. An attempt is made throughout to emphasize the dual role of the nurse in preventing the

destructive functioning of these organisms and utilizing their beneficial aspects in maintaining health and controlling of disease. For NURSES ONLY.

SCIENCE

113-123. COLLEGE SCIENCE. (3-0.) Credit 3. I and II. A course designed for those students who do not anticipate taking any other course in science. The subject matter is determined by the demand of the students and problems of community and individuals which they meet in a technological world. Lectures and demonstrations are given by members of the college staff whenever their specialties allow them to make a definite contribution. Other general lectures are given by the instructor in charge. Reports and an extensive reading list, in addition to field trips, constitute the method of instruction.

DEPARTMENT OF CHEMISTRY

SUGGESTED OUTLINE FOR A MAJOR IN CHEMISTRY

FRESHMAN YEAR

First Semester	Hrs.	Second Semester	Hrs.
Chemistry 114	4	Chemistry 124	4
English 113	3	English 123	3
Mathematics 113	3	Mathematics 123	3
Education (Orientation)	3	Introduction to Education	3
Social Science	3	Social Science	3
Phys. Ed. Practice (Women) 110..		Phys. Ed. Practice (Women) 120.	
Military Science (Men)	1	Military Science (Men)	1
Industry 110		Industry 120	
—		—	
16 or 17		16 or 17	

SOPHOMORE YEAR

Chemistry 204 or 214	4	Chemistry 214 or 224	4
Minor	3	Education	3
Physics 114	4	Math 213	3
French 113	3	French 123	3
National Government	3	Physics 124	4
Phys. Ed. Practice (Women) 130.		Phys. Ed. Practice (Women) 140.	
Military Science 211 (Men)	1	Military Science 221 (Men)	1
Industry 130		Industry 140	
—		—	
17 or 18		17 or 18	

JUNIOR YEAR

Chemistry 315	5	Chemistry 325	5
Minor	3	Minor	3
Math 223	3	State Government	3
English	3	English	3
French	3	French	3
Phys. Ed. Theory	3	Phys. Ed. Theory	3
Mil. Sci. (Selected Men)		Mil. Sci. (Selected Men)	
Industry 150		Industry 160	
—		—	
20		20	

SENIOR YEAR			
First Semester	Hrs.	Second Semester	Hrs.
Chemistry 414	4	Chemistry 451	1
Chemistry 434	4	Minor	3
Minor	3	Elective	3
Education	3	Practice Teaching	6
Negro History	3	Economics	3
Industry 170	—		—
	17		16

MAJOR AND MINOR REQUIREMENTS

For a B.S. Degree in Chemistry, 34 semester hours are required of which 16 hours must be in courses numbered 300 or above.

Twenty-one semester hours are required for a minor in Chemistry of which five hours must be in courses numbered 300.

All students who major or minor in Chemistry must include the following courses: Chemistry 114, 124, 204, 214, and 315. In addition to the above courses, all persons majoring in Chemistry must take the following courses: Mathematics 113, 123, 213, and 233 and Physics 114 and 134.

DESCRIPTION OF COURSES

CHEMISTRY

104. CHEMISTRY FOR NURSES. (2-4.) *Credit 4*. This course is designed for students of Nursing and Nursing education. It includes the essentials of inorganic, organic and biological chemistry requisite for nursing.

113-123. GENERAL INORGANIC CHEMISTRY FOR STUDENTS OF MECHANICAL ARTS. (2-0.) *Credit 3 hours per semester*. I or II. The study of the principles and theories of general inorganic chemistry with direct application to the field of Mechanical Arts. Laboratory work the second semester emphasizes the study of the metallic elements and tests of technical importance supplemented by lecture demonstrations.

114-124. GENERAL INORGANIC CHEMISTRY WITH INTRODUCTORY QUALITATIVE ANALYSIS. (2-4.) *Credit 4*. The first semester deals chiefly with fundamental laws and theories, the periodic chart, formulas, equations, solutions, and elementary calculations. The second semester includes chemical equilibrium, detailed consideration inorganic compounds and the introduction of Organic Chemistry.

204. QUALITATIVE ANALYSIS. (2-04.) *Credit 4 hours*. The theory deals with the analytical reactions from the point of view of the laws of Chemical equilibrium applied to solution of electrolytis. The laboratory work consists of the separation and detection of both metals and nonmetals. Micro qualitative laboratory techniques are introduced. Prerequisite: Chemistry 114 and 124.

214-224. QUANTITATIVE ANALYSIS. (2-4.) I and II. *Credit 4 hours per semester.* Volumetric and Gravimetric analysis stoichiometrical relations, practical applications. The laboratory work consists of the analysis of samples of salts, ores, water and limestone.

254. AGRICULTURAL CHEMISTRY. (2-4.) *Credit 4.* I. The course is designed for students majoring in agriculture. The theory includes the studying of the composition of plant and animal tissues, animal nutrition, soils, fertilizers, insecticides and quantitative analysis of some compounds directly related to the field of agriculture. Prerequisite: Chemistry 114 and 124.

244. ELEMENTARY PHYSIOLOGICAL CHEMISTRY. *Credit 4 hrs.* II. This course is designed for students of Home Economics and Agriculture. It embraces the study of the composition and metabolism of the fats, proteins, carbohydrates, and vitamins. Prerequisite: Chemistry 114, 124.

315 and 325. GENERAL ORGANIC CHEMISTRY. (3-4.) I and II. *5 hours credit per semester.* The course is for chemistry majors and minors, pre-medical, pre-dental, and students of Nursing Education. It includes the study of aliphatic and aromatic compounds. The laboratory work deals with the preparation and testing of representative compounds of the aliphatic and aromatic substances. Prerequisite: Chemistry 114, 124.

414 and 424. PHYSICAL CHEMISTRY. (2-4.) *Credit 4 hours per semester.* The topics studied are: the properties of solids, liquids and gases, molecular and ionic theories, electrical transference and conduction; chemical kinetics; phase rule and thermo chemistry. Prerequisite: Chemistry 214 and Physics 114, 124.

434 and 444. BIOCHEMISTRY. (2-4.) I and II. *Credit 4 hours per semester.* An introductory course on the chemistry of living matter, foods, metabolism and Nutrition. The laboratory work deals with the examination and tests of foods, nutritional studies and the qualitative and quantitative examination of blood and urine. Prerequisites: Chemistry 214 and Chemistry 315.

402. ORGANIC PREPARATIONS. (1-4.) I or II. *Credit 2.* This course involves preliminary work in the synthesis of Organic compounds and a study of the reaction of compounds of theoretical and industrial importance. Prerequisite: Chemistry 325.

401. JOURNAL READING AND CHEMICAL LITERATURE. (0-1.) I or II. For Chemistry majors. Reports and discussions on current chemical literature and research. Prerequisite: Major in Chemistry or permission of Instructor.

413, 423. INDUSTRIAL ANALYSIS. (1-6.) *Credit 4 hours per semester.* I and II. A course designed for students interested in industrial chemistry. Consists of analysis of various industrial agricultural food products and examination of water. Prerequisite: Chemistry 224.

451, 461. RESEARCH. (0-2.) *Credit 1.* I or II. Library and laboratory work on specific problem to be studied for investigative paper required of all majors.

DEPARTMENT OF PHYSICS

SUGGESTED OUTLINE FOR A MAJOR IN PHYSICS

FRESHMAN YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Chemistry 114	4	Chemistry 124	4
English 113	3	English 123	3
Math 113	3	Math 123	3
Social Science 113	3	Social Science 123	3
Education	3	Psychology	3
Phys. Ed. Practice (Women) 110..		Phys. Ed. Practice (Women) 120..	
Mil. Science 111 (Men)	1	Mil. Science 121 (Men)	1
Industry 110		Industry 120	
	—		—
	16 or 17		16 or 17

SOPHOMORE YEAR

Physics 114	4	Physics 124	4
French 113	3	French 123	3
Government	3	Economics	3
Education	3	Education	3
Differential Calculus	3	Integral Calculus	3
Phys. Ed. Pract. 130 (Women)....		Phys. Ed. Pract. 140 (Women)....	
Military Science 211 (Men).....	1	Military Science (Men)	1
Industry 130		Industry 140	
	—		—
	16 or 17		16 or 17

JUNIOR YEAR

Physics 312	2	Physics 322	2
Physics 313	3	Physics 323	3
Analytical Geometry	3	Analytical eGeometry	3
Negro History	3	Education	3
Biology	4	Biology	4
Physical Ed. Theory (Women)....	3	Phys. Ed. Theory (Women).....	3
Military Science (Selected Men)...		Military Science (Selected Men)...	
Industry 150		Industry 160	
	—		—
	18		17

SENIOR YEAR

Physics 413	3	Physics 423	3
Physics 413a	3	Physics 423b	3
Electives	9	Electives	9
Military Sci. (Selected Men) 403.		Military Sci. (Selected Men).....	
Industry 170		Industry 180	
	—		—
	15		15

MAJOR AND MINOR REQUIREMENTS

The course offering in Physics is designed for the preparation of three classes of students: those who must present Physics as a pre-requisite to the study of medicine, dentistry, engineering and mechanic arts; those to whom Physics will be an aid to a fuller and more precise interpretation of physical problems arising in other fields of Physical Sciences; and those who desire to major or minor in Physics.

A major in Physics consists of Physics 214, 224, 403 and additional credits to make a total of 32 hours. A minor consists of Physics 214, 224 and additional credit to make a total of 22 hours.

In addition to the above requirements for a major or minor in Physics, the following courses must be presented: Chemistry 114, 124 and Mathematics 113, 123, and a course in differential and integral calculus.

A person majoring in Physics must maintain an average of C or above. If a student's average drops below C at the end of his sophomore year, he will be asked to change to another major field.

DESCRIPTION OF COURSES

PHYSICS

214, 224. GENERAL PHYSICS. *Credit 4.* I and II. Mechanics, heat, sound, electricity, and light. Lecture 2 hours. Lab. 4 hours per week. Prerequisites: Mathematics 113 and 123 which may be taken concurrently with course.

215-225. GENERAL PHYSICS. *Credit 5.* I and II. Offered for majors in Mechanic Arts and Engineering. Mechanics, heat, sound, electricity, and light. Lecture 2 hours; Lab. 6 hours per week. Prerequisites: Mathematics 113 and 123 which may be taken concurrently with course.

312-322. ELECTRICAL MEASUREMENTS. *Credit 2.* I and II. Offered for majors in Electrical Engineering. A laboratory course covering the theory and use of electrical apparatus, methods of measuring current, power, electromotive force, ferro-magnetism, inductance and capacity. Lab. 4 hours per week. Prerequisite: Physics 214, 224 and Calculus; the Calculus may be taken concurrently with this course.

313-323. ELECTRICAL MEASUREMENTS. *Credit 3.* I and II. A course that treats the theory of electricity and magnetism. Lecture hours, 3 per week. Physics 312 and 322 must accompany this course.

303. ELEMENTARY PHOTOGRAPHY. *Credit 3.* I or II. The study of image formation, perspective, time exposure, latent image, elementary chemistry of development, contact and projection printing, filters, and colors. Lecture hours, 1; Lab. hours 4 per week. Prerequisite: Physics 214 and 224, Chemistry 114 and 124.

413-423. ELECTRONICS. *Credit 3.* I and II. This course treats the theory of the diode, triode, and multi-element tubes; the cathode ray tubes, phototubes and their applications to engineering. Considerable laboratory practice is involved in this course. Lecture 1 hour; Lab. 4 hours per week. Prerequisite: Physics 214, 224 and Calculus may be taken concurrently with this course.

413a. ADVANCED HEAT AND SOUND. *Credit 3.* I. The study of the Properties of gases, elementary theory of thermodynamics and the kinetic theory. A laboratory practice in modern methods of temperature measurement, expansion properties of matter, and colorimetry. The transmission and production of sound resonance and vibrational prop-

erties of matter. Lecture 1 hour; Lab. 4 hours per week. Prerequisites: Physics 214, 224 and Calculus.

423b. **ADVANCED LIGHT.** *Credit 3. II.* A study of the theory of lenses, interference, diffraction, polarization. The importance and use of optical instruments are thoroughly stressed. Corresponding laboratory work is required. Lecture 1 hour; Lab. 4 hours per week. Prerequisites: Physics 214, 224 and Calculus.

403. **ADVANCED LABORATORY TECHNIQUE.** *Credit 3. I or II.* This course is required of all majors in Physics. An advanced experimental problem is given under direction. The problem may take the form of a former classical problem in Physics. The outcome of this investigation is recorded in as a thesis. This course is open only to majors in Physics. Lab. 6 hours per week.

DEPARTMENT OF HEALTH AND PHYSICAL EDUCATION

The College maintains hospital facilities and carefully planned and coordinated program for the health of the students. Each student is given a health examination at the beginning of the college session. Upon the basis of this examination, and upon the basis of his previous experiences, interests and aptitudes, each student is guided in the planning of his Physical Education program.

The Department of Physical Education offers a four-year plan of study leading to the Bachelor of Science degree with a major in Physical Education.

1. Required physical education
2. Intra-mural athletics
3. Intercollegiate athletics.

REQUIRED PHYSICAL EDUCATION

Physical Education is required of women students two hours per week throughout the freshman and sophomore years. The course is graded and divided into four hours of credit, one hour for each semester. Two uniforms are required for women: A blue one-piece suit, and a white one-piece suit. A dance costume in a pastel shade and suede dancing sandals; white tennis shoes. The approximate cost for each of these costumes is \$3.00. Each girl should come to Prairie View either equipped with, or prepared to purchase these uniforms for her work in physical education.

No courses may be elected for two semesters either in the same year or in different years, except in case of failure in a course. Each student must elect two of the courses numbered in the 100 group, and two from the 200 group, thereby completing the practice requirement in physical education. These courses should be taken in the freshman and sophomore years.

INTRA-MURAL ATHLETICS

The Intra-Mural program gives every student an opportunity to participate in competitive athletics. This program, combining work

in physical education, health education and recreation, is designed primarily to give students an opportunity to learn and participate in a variety of sports.

INTERCOLLEGIATE ATHLETICS

Prairie View A. & M. College is a member of the Southwestern Athletic Conference and the National Intercollegiate Athletic Association.

MAJOR AND MINOR REQUIREMENTS

The department of Physical Education is designed primarily to offer students an opportunity to prepare themselves to become teachers of physical education, recreation, health, hygiene and Athletic coaches. Thirty-two semester hours of work in Physical Education theory and two years of Physical Education practice are required for a major, and twenty-two semester hours for a minor in physical education, in addition to two hours of physical education practice courses for two years.

ADDITIONAL REQUIREMENTS

1. Each candidate must present satisfactory evidence of his interest in the field of physical education to the Director of Physical Education. This should include statements from former coaches and instructors of physical education as a record of the candidate's athletic activities while in secondary schools.
2. Each candidate must present himself to the Director of Physical Education for a personal interview before enrolling in the department.
3. A student must at all times be a candidate for one of the Varsity or Intra-Mural teams which is actively engaged in pre-season or competitive season drill. This involves observance of the training rules of the sport as well as the required attendance.

Students seeking a Major in physical education should follow the outlined program for physical education theory courses:

History and Principles of Physical Education.....	3 hours
Methods of Health Education	3 hours
Methods of Physical Education	3 hours
Athletic Coaching	3 hours
Organization and Administration of Phys. Ed.....	3 hours
General Zoology	8 hours
Human Anatomy and Physiology	8 hours
Hygiene	3 hours
Practice Teaching	6 hours
Physical Education Practice	hours

Students seeking a minor in physical education should follow the outlined program for physical education theory courses:

History and Principles of Physical Education.....	3 hours
General Zoology	8 hours
Human Anatomy and Physiology	8 hours
Athletic Coaching	3 hours
Introduction to Physical Education	3 hours
Physical Education Practice	hours

SUGGESTED FOUR-YEAR PROGRAM WITH A MAJOR IN PHYSICAL EDUCATION

FRESHMAN YEAR			
<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Orientation Educ. 103	3	Introduction to Ed. 113	3
English 113	3	English 123	3
General Zoology 214	4	General Zoology 224	4
Sociology 213	3	Sociology 223	3
Mathematics 113	3	Mathematics 123	3
Physical Ed. Practice III		Physical Ed. Practice 121	
Industry 110		Industry	
	—		—
	16		16
SOPHOMORE YEAR			
Foreign Language	3	Foreign Language	3
Rural Teacher 223	3	Athletic Coaching	3
Anatomy and Physiology 314	4	Anatomy and Physiology 324	4
Introduction to Phys. Ed.	3	Methods of Phys. Ed. 203	3
Physical Ed. Practice 221	1	Physical Ed. Practice	1
Industry		Industry	
Minor		Minor	3
	—		—
	14		17
JUNIOR YEAR			
Foreign Language	3	Foreign Language	3
English 213	3	English 223	3
National Government	3	State Government	3
History and Principles of Physical Education	3	Principles of Sec. Education	3
Minor	3	Adolescent Psychology	3
	—		—
	15		15
SENIOR YEAR			
Negro History	3	Organization and Administration of Physical Education	3
Personal Hygiene 203	3	Methods of Health Ed.	3
Educational Psychology	3	Playground and Community Recreation	3
Practice Teaching	6	Elective	6
	—		—
	15		15

DESCRIPTION OF COURSES

PRACTICE COURSES

No courses may be elected for two semesters either in the same year or in different years, except in case of failure in a course. Each student must elect two of the courses numbered in the 100 group, and two from the 200 group, thereby completing the practice requirements in physical education. These courses should be taken in the freshman and sophomore years.

111. FRESHMAN PRACTICE. (0-2.) *Credit* *. I and II. Theory and practice in developing the techniques of physical education activities in the elementary school. The program of story plays, stunts, relay

aces, minetics, rhythmical activities, singing games, hunting games and athletic games; individual athletic events and team games as volley ball, dodge ball, and games of the soccer type will be organized on the seasonal basis.

121. FRESHMAN PRACTICE. (0-2.) *Credit* *. I and II. A continuation of physical education 111.

211. SOPHOMORE PRACTICE. (0-2.) *Credit* *. I and II. Theory and Practice in developing the techniques of physical education activities in the secondary school. The full program of folk dancing, relay races, individual athletic events, tennis, speed ball, and athletic games will be presented.

221. SOPHOMORE PRACTICE. (0-2.) *Credit* *. I and II. A continuation of physical education 211.

231. GAMES AND INDIVIDUALISTIC GYMNASTICS. (0-2.) *Credit* *. I and II. This course is intended for major and minor men students. Sophomore practice work. It is designed to give professional students of physical education opportunity to become skilled in the numerous activities that are included in the physical education program.

241. GAMES AND INDIVIDUALISTIC GYMNASTICS. (0-2.) *Credit* I. I and II. A continuation of physical education 231.

THEORY COURSES FOR MAJORS

222. FOLK DANCING. (2-0.) *Credit* 2. II. History, appreciation and interpretation of the folk dances, of various nations. The relation of folk dancing to folk songs, folk stories and folk customs. A mastery of steps found in folk dancing is expected of every student.

232. TAP DANCING. (2-0.) *Credit* 2. I or II. Fundamental steps designed for beginners.

252. SOCIAL DANCING. (2-0.) *Credit* 2. II. This course provides instruction in the best methods of teaching modern ball room dance. Fox trot, waltz, tango and rhumba are taught.

114-124. GENERAL ZOOLOGY. (2-4.) *Credit* 4 each semester. I and II. Required of all Physical Education majors and minors; See Department of Natural Sciences, Biology 114-124 for description.

203. PERSONAL HYGIENE. (3-0.) *Credit* 3. I and II. A study of personal health problems. Special consideration is given the biological basis of life, the hygiene of the systems of the body, attitudes toward health, fatigue, habit forming drugs, fresh air and ventilation, sleep, rest. Reports, discussions and class recitations.

223. INTRODUCTION TO PHYSICAL EDUCATION. (3-0.) *Credit* 3. I. The course is designed for the orientation of students who intend to major in physical education. It includes the history and development, the sports and physical education.

224-234. ANATOMY AND PHYSIOLOGY (2-4.) *Credit* 4 each semester.

* These courses are required of all female students in their first four semesters of residence.

I and II. Required of all Physical Education majors and minors. See Department of Natural Sciences, Biology 314, 324 for description of course.

233. METHODS IN HEALTH EDUCATION. (3-0.) *Credit 3. II.* The three phases of school health are studied; health service, healthful school living, and health instruction, school health problems, significance of safety and daily programs, festivals, exhibitions, tournaments, club work, adult recreational activities. Reports, discussion and class recitation.

253. COACHING OF TEAM SPORTS FOR MEN. (3-0.) *Credit 3. I.* Practice and instruction in coaching sports, presenting techniques to groups and officiating at games. Reports, discussions and class recitation.

123 or 443. FIRST AID. (3-0.) *Credit 3. II.* The application of dressings, bandaging and taping; first aid treatment for sprains, fractures, bruises, burns, etc.; this course meets requirements of all American Red Cross courses.

263. COACHING OF TEAM SPORTS FOR MEN. (3-0.) *Credit 3. II.* A continuation of course number 253.

283. COACHING OF TEAM SPORTS FOR WOMEN. (3-0.) *Credit 3. I.* Participation in and the learning of the minor and individual sports for women—speed ball, volley ball, soccer, badminton, ping-pong, shuttle board, darts, bat tennis, deck tennis and handball.

273. COACHING OF TEAM SPORTS FOR WOMEN. (3-0.) *Credit 3. II.* A continuation of course number 263.

200. HEALTH EDUCATION. (3-0.) *Credit 3. II.* Proper health instruction for elementary, high school, and college groups is emphasized. Methods in health work is presented.

300. PLAYGROUND AND COMMUNITY RECREATION. (3-0.) *Credit 3. II.* A brief historical review of the growth of the play movement; organization of community activities; the nature and function of play, the social significance and uses of leisure; principles and aims of social and recreational centers; a study of daily programs, festivals, exhibitions, tournaments, club work; adult recreational activities, reports, discussions, and class recitations.

323. METHODS IN PHYSICAL EDUCATION. (3-0.) *Credit 3. II.* Organization of programs in physical education for elementary children and high school students; consideration of problems of administration; principles and methods of teaching. Required of all physical education majors.

313. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION. (3-0.) *Credit 3. I.* Interpretation of the aims and objectives of physical education. The principles and procedures upon which the physical education program should be based upon its relation and contribution to general education. Reports, discussions, and class recitation. Required of all physical education majors and minors.

423. ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION. (3-0.) *Credit 3.* II. Policies in the organization, management and supervision of the physical education program, classification of students, staff, teaching load, time schedule, finance, etc. The administration of Physical Education plant, gymnasium, locker rooms, swimming pool, showers, etc. Reports, discussions and class recitations. Required of all Physical Education majors.

673. PHYSIOLOGY OF MUSCULAR EXERCISE. (3-0.) *Credit 3.* I. A course in the study of the effects of physical education activities and the tissues, systems and organs, of the body. (Prerequisites.) Senior standing, Biology and Chemistry, Anatomy.

663. PHYSIOTHERAPY. (3-0.) *Credit 3.* II. Theory and practice of massage. Principles of selecting and giving corrective gymnastics. Prerequisite: Biology and Anatomy.

DEPARTMENT OF SOCIOLOGY

All students majoring in the Department of Sociology are required to complete twenty-four hours in Sociology together with thirty semester hours distributed over the following fields:

Philosophy	6 hours
Economics	6 hours
History*	9 hours
Political Science	6 hours
Geography	3 hours

SUGGESTED ORDER AND COURSE SEQUENCE

FRESHMAN YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
European History	3	European History	3
English Composition	3	English Composition	3
Natural Science	3	Natural Science	3
Mathematics	3	Mathematics	3
Introduction to Education	3	Geography	3
Military Science (Men) 111.....	1	Military Science (Men) 121.....	1
Physical Education 110 (Women)		Phys. Education (Women) 120.....	
Industry 110		Industry 120	
	—		—
	16		16

SOPHOMORE YEAR

Foreign Language	3	Foreign Language	3
American History	3	National Government	3
Rural Ed. or Rural Sociology....	3	Introductory Sociology	3
Introductory Sociology	3	Rural Planning	3
Introductory Economics	3	Economics	3
	—		—
	15		15

*It should be noted that students majoring in Sociology are expected to minor in one of the above fields for an acceptable cognate. All students minoring in the Department are required to complete fifteen hours in sociology. The requirements both for major and minor are in addition to those of the School of Arts and Sciences—those of Political Science being excepted.

JUNIOR YEAR			
<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Foreign Language	3	Foreign Language	3
Race Relations	3	State Government	3
Education	3	Sociology	3
English	3	Social Statistics	3
Philosophy	3	Social Theory	3
	—		—
	15		15
SENIOR YEAR			
Practice Teaching		English	3
Secondary Education		Elective	3
Negro History		Physical Ed. Theory	3
Social Research		Elective	3
			—
			15

DESCRIPTION OF COURSES

SOCIOLOGY

213. INTRODUCTORY SOCIOLOGY. (3-0.) *Credit 3. I.* This course is designed to introduce the student to the general phenomena of human society. Emphasis is placed upon the fundamental societal elements, association in community life, an analysis of the structure and functions of institutions, and the basic social processes. Course open to all students of sophomore level.

223. RACE RELATIONS. (3-0.) *Credit 3. II.* The course involves an analysis of the nature of the contact of races and their cultures, the problems arising from these contacts, and the efforts made by man in attempting to adjust such problems. Prerequisite: Sociology 213.

233. RURAL SOCIOLOGY. (3-0.) *Credit 3. I.* An analysis of the structure and functions of rural society, its people, its institutions, its communities, and its problems. Prerequisite: Sociology 213 or a course in general Social Science.

243. RURAL PLANNING. (3-0.) *Credit 3. II.* A study of the programs and policies designed to improve and plan rural life. Prerequisite: Sociology 233.

303. THE FAMILY. (3-0.) *Credit 3. I and II.* A study of the structure and functions of the human family; a study of its biological, psychosocial, and economic aspects; study of the changes it experiences, and the problems it encounters. Special emphasis is placed on modern marriage problems. Prerequisites: Participation in Home Economics Program or Sociology 213. Open to Graduate Students by Special permission.

SOCIOLOGY 423. INTRODUCTION TO SOCIAL GROUP WORK. (3-0.) *Credit 3. II.* This course is concerned with the relation of group experience to the development of personality and the phenomena of leadership and social participation are examined. Special attention is given to the significance of primary and secondary group formation.

* Negro History not counted in required history hours.

Factors causing the formation of groups and the processes and techniques of group work are presented. Available group work case materials are used to demonstrate the philosophy, goals, and theories of social group work. Prerequisites are Introductory Sociology.

SOCIOLOGY 323. INTRODUCTION TO SOCIAL CASE WORK. (3-0.) Credit 3. I or II. This course gives a general introduction to the basic principles of social case work. Discussion case materials with special emphasis upon the first interview are used to illustrate the approach to the individual and his social setting. Prerequisites are Soc. 213 and 223.

SOCIOLOGY 500. FIELD WORK SUPERVISION. Irregular. Credit 0. II. This course involves actual field work experiences giving the student an opportunity to apply social work techniques and theory learned in class to actual situations in social agencies of rural and urban communities.

523. JUVENILE DELINQUENCY. (3-0.) Credit 3. A study of the nature, extent, and conditions giving rise to Juvenile delinquency. Outstanding literature surveyed and programs treating delinquency are discussed. Prerequisite: six hours of Sociology including Criminology. Open to graduate students.

333. SOCIAL PSYCHOLOGY. A study of the development of the personality as a result of personal-social conditioning and the interplay of the individual and his cultural surroundings. Prerequisite: Sociology 213. Open to graduate students by special permission. (3-0.) Credit 3. I.

353. MODERN SOCIAL PROBLEMS. (3-0.) Credit 3. I. An analysis of the process of personal, family, community disorganization. Discussions of the methods and measures of social reform are included. Prerequisites: Six hours of Sociology.

583. CULTURAL SOCIOLOGY. (3-0.) Credit 3. I or II. A study of the origin and development of human culture. Special emphasis is placed upon schools of culture and contemporary culture. Prerequisites: Nine hours of Sociology. Open to graduate students.

503. SOCIAL THEORY. (3-0.) Credit 3. I or II. A study of the development of the social theory so as to show the rise of sociology and its various points of view. Prerequisites: twelve hours of Sociology. Open to graduate students.

563. SOCIAL RESEARCH. (3-0.) Credit 3. II. A study of techniques of social investigation. Students required to do one complete piece of social investigation. Prerequisite: Twelve hours of Sociology. Open to graduate students.

573. SOCIAL STATISTICS. (3-0.) Credit 3. I and II. Study of the techniques of calculating values common to statistical work. Course extends from simple measures of cultural tendencies through Correlation and regression. Students must do calculation on machine and develop speed and accuracy. Open to all students above sophomore level. Also open to graduate students.

403. SOCIAL WELFARE WORK. (3-0.) *Credit 3.* I or II. A survey of the history, development, and techniques of Social Work. Student receives some introduction to the Case Work method. Prerequisites: Nine hours of Sociology. Open to graduate students.

603. CHILD WELFARE PROBLEMS. (3-0.) *Credit 3.* I or II. A study of the problems of child care and the techniques developed to cope with these problems. Prerequisites: Sociology 353 and Sociology 503. Open to undergraduates by special permission.

623. COMMUNITY PROBLEMS. (3-0.) *Credit 3.* II. A study of Health, Immigration, recreation, Housing, and other problems that characterize community life. Special emphasis will be placed on problems arising in cities in comparison with those arising in rural areas. Prerequisites: Fifteen hours of Sociology. A graduate course in which undergraduates are permitted by special permission.

713. RURAL COMMUNITY ORGANIZATION. (3-0.) *Credit 3.* I and II. A study of the techniques involved in the delineation of rural communities; and analysis of their functions and structures as they express the regional community type. Rural-urban relationships are especially stressed. Prerequisites: Sociology 233 and six additional hours in Sociology. For graduate students only.

673. ADVANCED SOCIAL STATISTICS. (3-0.) *Credit 3.* II. A study of deductive and inductive statistical methods in which sampling, probability, multiple and partial correlation, variance, and special population techniques are emphasized. Prerequisite: Sociology 573. Open to graduates only.

603. CRIMINOLOGY. (3-0.) *Credit 3.* I or II. A study of the nature, extent and the causes of crime. Emphasis is placed upon the various schools of criminology, the individualization of criminal treatment, and modern techniques of criminal investigation. Prerequisites: Sociology 213, 523. Open to undergraduates by special permission only.

DEPARTMENT OF MILITARY SCIENCE AND TACTICS

The Reserve Officers' Training Corps at this institution is established as a Senior Division Unit, Class CC (Civil College) under the provision of the National Defense Act of 1920 as amended. Instruction is Branch Immaterial and is conducted in accordance with programs prescribed by the War Department.

Training on the Freshman and Sophomore level is called the Basic Course and is required of all able-bodied male students in the University. These courses yield college credit which is applied toward graduation. The successful completion of the Basic Course should qualify the student as a non-commissioned officer in the Enlisted Reserve Corps.

Enrollment in the Advanced Course (Junior and Senior years) is limited to students who have successfully completed the basic course or who are veterans with a year or more of Military service and

selected by the Principal and the Professor of Military Science and Tactics. Instruction in the Advanced Course is conducted on the level of the Officer Candidate with the view of preparing the student for eligibility to a Reserve Commission as a Second Lieutenant.

Students enrolled in the Advanced Courses are entitled to commutation of subsistence at a rate prescribed by the Secretary of War. Based on the present cost of the garrison ration for the Army, this would be approximately \$360.00 for the course.

COURSES OFFERED IN MILITARY SCIENCE AND TACTICS

ELEMENTARY; ADVANCED

Course 111 and 121—FRESHMAN. *Credit, 1 each Semester.*

(a) Theoretical—National Defense Act and ROTC; World Military Situation; Hygiene and First Aid; Military Organization.

(b) Practical—Individual Weapons and Marksmanship; Maps and Aerial Photographs; Leadership Drill and Exercise of Command.

Course 211 and 221—SOPHOMORE—*Credit, 1 each Semester.*

(a) Theoretical—World Military Situation; Evolution of Warfare; Military Law and Boards; Military Administration.

(b) Practical—Leadership Drill and Exercise of Command; Physical Development Methods; Maps and Aerial Photographs; Leadership Drill and Exercise of Command.

* Course 313 and 323—JUNIOR. *Credit, 3 each Semester.*

(a) Theoretical—Military Law; Administration; Motor maintenance.

(b) Practical—Adjustment of Fire; Carbine; Combat Intelligence; Combat Orders; Communications; Fire Control Instruments; Map and Aerial Photograph Reading; Methods of Instruction; Leadership and Exercise of Command; Drill Ceremonies and Inspections.

* Course 413 and 423—SENIOR. *Credit, 3 each Semester.*

(a) Theoretical—Occupied Territories; Military Problems of the U. S.; Military Leadership; Psychology and Personal Management.

(b) Practical—Military Law and Boards; Leadership Drill and Exercise of Command; Tactics and Techniques.

* ALL ADVANCED CONTRACT ROTC Students receive a commutation of rations at the rate of \$.66 (sixty-six cents) per day.)

DIVISION OF HOME ECONOMICS

The Division of Home Economics aims to give training for homemaking and also to provide special opportunity for study of the problems of homemaking, teaching of homemaking, extension, and other phases of the home economics field. Students desiring to specialize should consult the Director of the Division.

The Division of Home Economics offers some opportunities for graduate study. The bulletin of the graduate Division gives full information concerning requirements and nature of the work.

The Division of Home Economics offers courses dealing with foods and nutrition, textiles, clothing and design, the house and home, care and training of children, and management. These courses along with others in the sciences, both natural, and social, mathematics, English, education, are arranged into a curriculum that is sufficiently flexible to provide for needs of the following specific groups:

1. Those who wish to enrich their general and cultural education by electing courses from the Home Economics Curriculum.
2. Those who may wish to take a minor in Home Economics.
3. Those who wish to become proficient in one phase of Home Economics in preparation for a career other than teaching.
4. Those who wish to become teachers of homemaking in High School, or some phase of Home Economics in College.
5. Graduate students who wish to take refresher work, or who are candidates for a master's degree.

REQUIREMENTS FOR GRADUATION

To receive the degree of Bachelor of Science in Home Economics a student must complete 128 semester hours, with an average of C, or a standing of one grade point.

CURRICULUM IN HOME ECONOMICS

FRESHMAN YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
English 113	3	English 123	3
Grammar and Composition		Composition	
Chemistry 114	4	Chemistry 124	4
Inorganic		Inorganic and Qualitative Analysis	
Home Economics 113	3	Education 113	3
Orientation		Introduction to Education	
Mathematics 173	3	Clothing 123	3
Elements of applied math.		Textiles and Clothing, or	
Clothing 113	3	Art 122	2
Textiles and Clothing, or		Elementary Design	
Art 112	2	Mathematics 183	3
Elementary Design		Elements of Applied Math.	
Physical Education	1	Physical Education	1

SOPHOMORE YEAR

First Semester	Hrs.	Second Semester	Hrs.
Elective*	3	Elective*	3
Education 233	3	Chemistry 244	4
Elementary Methods		Elementary Physiological	
Foods 213	3	Education 223	3
Elementary Nutrition		Problem of the rural teacher	
Mechanic Arts 233	3	Foods 223	3
Household Mechanics		Food Problems	
House 313	3	Clothing 223	3
Household Administration		Children's Clothing	
Physical Education	1	Physical Education	1
JUNIOR YEAR			
Education 293	3	English 243**	3
Classroom Management		Public Address	
Economics 203	3	Home Economics Education 363	3
Survey of Economics		Home Economics Methods	
English 233**	3	Sociology 323	3
Public Address		The Family	
Biology 304	4	Foods 323	3
Physiology for H. E. Students		Meal Planning and Preparation	
Clothing 323	3	Political Science 203	3
SENIOR YEAR			
Home Economics Education 401	1	Foods 423	3
H. E. Problems ***		Advanced Nutrition	
Home Economics Education 403	3	History 403	3
Student Teaching ***		Negro History	
House 403	3	House 463	3
Home Management Residence		Home Economics Ag.	
Parental Education 413	3	Education 383	3
Child Guidance		Educational Psychology	
Parental Education 403	1	Electives	
Nursing School Observation		Par. Education 422	2
Clothing 413	3	Home Nursing	
Problems in Advanced Clothing		Clothing 312	2
Education 353	3	Costume Design	
Adolescent Psychology			
Foods 413	3		

DESCRIPTION OF COURSES

FOODS AND NUTRITION

213. ELEMENTARY NUTRITION. This course is designed to assist the student in developing food selection habits which meet nutritional standards. The social significance of food and standard of food selection will be emphasized from the standpoint of meeting needs at various economic levels. (2-2.) *Credit 3. I.*

223. PROBLEMS IN FOODS. The function of this course is to develop some understanding of basic principles of food preparation and preservation and some ability to apply these principles as they relate to commonly used foods in an adequately balanced diet. (2-2.) *Credit 3. II.*

* Students who expect to go into Dietetics should elect Biology 334.

** English may be taken in Sophomore year if desired.

*** Offered only during the regular session.

323. MEAL PLANNING AND PREPARATION. The function of this course is to assist the student in developing some ability in planning, preparing and serving palatable, nutritious and attractive meals for families at various economic levels. The use and care of equipment and table appointments will be included. (1-4.) *Credit 3. II.*

413. ADVANCED NUTRITION. Principles of normal human nutrition and application to practical feeding problems of the individual, and large groups. (1-4.) *Credit 3. I.*

423. NUTRITION PROBLEMS. Metabolic processes of the body in normal and diseased conditions, correlating, the metabolic changes due to disease with diet thereafter. Practice in planning, calculating and preparation of diet in disease. (1-4.) *Credit 3. II.*

402. INSTITUTIONAL FOODS. Large quantity food preparation and service. Emphasis is placed on standard methods, and cost accounting. Elective (1-4.) *Credit 3. II.*

ART.

112. RELATED ART. (0-4.) *Credit 2. I or II.* Art principles and their application to home problems.

CLOTHING

113. CLOTHING. This course is planned to assist the student in analyzing personal and family resources and needs in relation to clothing. It aims to develop standards in the selection, purchase, use and maintenance of the wardrobe from the standpoint of material, construction and design of the various items. It provides for experience in judging, improving, and caring for basic garments in personal and family wardrobes and in improving personal standards in relation to clothing consumption. (1-4.) *Credit 3. I and II.*

223. CHILDREN'S CLOTHING. (1-4.) *Credit 3. I.* Selections and constructions of garments of infants and young children. The student is permitted to make selection of the garments to be made, and to be careful the child for whom they are to be made.

312. APPROPRIATE COSTUMING FOR THE INDIVIDUAL. Analysis of physical and mental makeup followed by study of costume color, line and texture for the individual and her costume needs. Original costumes are planned. Elective (0-4.) *Credit 2. I or II.*

323. CLOTHING. The purpose of this course is to develop some understanding of the principles underlying the use of patterns, and the construction and fitting of garments. Experience in applying these principles is provided. (1-4.) *Credit 3. I.*

413. ADVANCED PROBLEMS IN CLOTHING. (1-4.) *Credit 3. I.* Individuality in costume is emphasized. Costumes are designed, modeling and draping with the use of dress forms. Prerequisite: Clothing 323. *Credit 3. I and II.*

PARENTAL EDUCATION

401. NURSERY SCHOOL OBSERVATIONS. Include observations of pre-school children and participation in the nursery school activities.

Meetings with parents a required activity. (1-2.) *Credit 1. I and II.*

413. CHILD DEVELOPMENT. Study of the care and training of the child from pre-natal life through the pre-school period; standards for normal development, physical, mental, social and emotional. (3-0.) *Credit 3. I and II.*

422. HOME NURSING. The course is meant to help homemakers, future homemakers to meet their personal and family problems in their homes. (2-2.) *Credit 3. II.*

HOUSE

313. HOUSE. A study of the present day housing from the standpoint of health, safety, economy, convenience, aesthetic qualities, and other values of concern to the family. Introduction to the problems involved in equipping and furnishing the home. A study of art to home furnishing with a consideration of economic and social factors affecting choice. (3-0.) *Credit 3. I.*

403. SUPERVISED HOME MANAGEMENT. House Residence. Experiences in group living and Opportunities to develop skills and techniques. A course of six weeks duration. (1-4.) *Credit 3. I and II.*

463. HOUSE. (See Description in Agriculture Division.)

HOME ECONOMICS EDUCATION

363. METHODS OF TEACHING HOME ECONOMICS IN THE HIGH SCHOOLS. Consideration of Curriculum, methods of teaching management, and other problems of the home economics teacher. (3-0.) *Credit 3. I and II.*

413. SUPERVISED HOME ECONOMICS TEACHING. Supervised teaching of home economics in urban and rural schools for a period of 9 weeks. (1-14.) *Credit 3. I and II.*

401. PROBLEMS IN HOME ECONOMICS TEACHING. Required of students pursuing Home Economics Education 413. A consideration of the problems in teaching home economics and related subjects. (0-2.) *Credit 1. I and II.*

DIVISION OF MECHANIC ARTS

C. L. WILSON, *Director*

The Division of Mechanic Arts offers many opportunities to students, to help them prepare to meet the demands of Industry for leaders and skilled workmen in the various technical professions and vocations. In addition to the professional courses, and those designed to prepare skilled workmen, the division offers training to prepare teachers of Industrial Education and Trades and Industries.

The four-year courses leading to the Bachelor of Science Degree are as follows: Architectural Engineering, Civil Engineering, Electrical Engineering, Industrial Education, and Mechanical Engineering. The first years' program is the same for all curricula. Fundamental preparation is given for entering upon work in the several branches of the professions, with some opportunity for specialization through options and electives. To a limited extent, substitutions may be made for certain courses, listed as required, when there appears to be a good reason for them. Each substitution must have the approval of the Director of the Division.

Vocational and technical programs are available in the following fields.

Automobile Mechanics	Painting and Decorating
Broom and Mattress Making	Plumbing and Steam Fitting
Carpentry and Cabinet Making	Printing and Linotype Operation
Cleaning and Pressing	Radio Repair and Maintenance
Electrical Maintenance and Repr.	Sheet Metal Work
Forging	Shoe Repairing
Laundering	Stationary Engineering
Machine Tool Work	Tailoring and Garment Making
Welding, Gas and Electric	

OBJECTIVES

ARCHITECTURAL ENGINEERING

The Curriculum in Architectural Engineering is designed to give the student practical and theoretical training in Architecture and Building Construction. Although it emphasizes the structural and mechanical phases of Architecture, it includes architectural design, properties and uses of building materials, estimating construction costs, specification writing, and other phases important to the architectural profession. The aim is to prepare men for careers in the construction industry as: Draftsmen, Designers, Estimators and Building Supervisors, and provide them with the necessary foundation for future independent architectural practice.

Students selecting this option should get practical experience during the summer, either on construction projects or in the office as an Engineer or Architect.

CIVIL ENGINEERING

The field covered by Civil Engineering is wide, embracing surveying, highway, hydraulic, structural, sanitary, and construction engineering. It is the aim of this curriculum to give broad general training, which will serve as a foundation for development of any special line in the field, and to fit men for technical, administrative and commercial positions, both private and governmental. The training is largely fundamental in nature, but sufficient detailed practice is included to enable the graduate to occupy immediately, a productive remunerative position in the field of Civil Engineering.

ELECTRICAL ENGINEERING

The curriculum in Electrical Engineering is intended to prepare students for entry into any one of the many branches of the electrical industry, such as: manufacturing, transportation, electrical power, wire and radio communication. In any of these fields the engineer may engage in design, construction, repair and maintenance, administration, or he may deal with the commercial aspects of Industry. By arranging certain substitutes and taking some extra work, the student may qualify for teaching Mathematics and Science.

INDUSTRIAL EDUCATION

In general, the Industrial Education curriculum, under Plan 1, aims to prepare young men for positions as teachers and supervisors of Industrial Arts subjects, in Junior, Senior or Technical Schools. Provision is also made for persons who wish to qualify as Teachers, Supervisors and Directors of Vocational Industrial Schools, and classes in Texas. Those who complete this option and wish to qualify as teachers under the State Plan for Vocational Education, must satisfy the requirements for one of the classes of vocational teachers as specified in the State Plan.

Plan 2 offers opportunity for those persons who desire to major in one of the industrial fields. Upon satisfactory completion of the curriculum, the student will receive a Technical Certificate in addition to the Bachelor of Science Degree.

MECHANICAL ENGINEERING

This curriculum offers broad training in the scientific principles, underlying Mechanical Engineering, and correlates this by application to specific fields of machine design, heat, power, heating ventilating, and air conditioning, refrigeration, power plants and industrial management.

Lectures and class instruction are supplemented by shop practice and laboratory investigations, designed to emphasize the engineering and economic principles involved. Students selecting this option should

spend at least two summers in some shop or plant doing mechanical work.

TWO-YEAR VOCATIONAL AND TECHNICAL COURSES

Two-year 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 industry in order to follow it as a trade, and (2) those who are engaged in some industry, but who feel the need of acquiring more skill, efficiency, and technical knowledge in their work.

SPECIAL STUDENTS

Special students will be admitted by the Director of the Division, who will see to the arrangement of their courses. Special students are understood to be applicants who desire to undertake special study without becoming candidates for Degrees. They must evidence a sincere purpose to undertake and profit by special study and should be of mature age. Also, they must give good reason for not entering regularly.

ADMISSION

In order to pursue the courses leading to a Degree of Technical Certificate, the student must satisfy the same entrance requirements as are prescribed for entrance to freshman college courses.

GRADUATION REQUIREMENTS

The requirements for graduation from the Division of Mechanic Arts are the satisfactory completion of all courses in one of the prescribed curricula.

TRADE CERTIFICATE FOR COLLEGE STUDENTS

To qualify for a Trade or Technical Certificate, a student must satisfactorily complete the courses as outlined, with a minimum of 60 semester hours. Students pursuing four-year collegiate courses may meet the requirements for trade certificates by satisfactorily completing 20 semester hours in one trade. In special cases the work may be divided between two or more closely related industries.

ARCHITECTURAL ENGINEERING

FRESHMAN YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Mathematics 113—Algebra	3	Mathematics 123—Trigonometry ..	3
English 113—Grammar and Comp. 3		English 123—Reading and Comp. 3	
Chem. 134—Chem. (Inorganic) ..	4	Chem. 144—Chem. (Inorganic) ..	4
General Engineering Drawing 113	3	General Engineering Drawing 222	2
Woodwork 113—Woodwork	3	Woodwork 113—Woodwork	3
or		or	
Machine Shop 123—Metalwork....	3	Machine Shop 123—Metalwork	3
General Engineering 110	0	General Engineering 120	0
Military Sci. 111—Military Sci....	1	Military Sci. 121—Military Sci....	1
—		Phys. Education 101—Hygiene....	1
	17		—
			17

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Math. 213—Analytic Geometry ...	3	Mathematics 224	4
Physics 115—Physics	5	Physics 125—Physics	5
Civil Engineering 213	3	Civil Engineering 262	2
Architecture 213	3	Architecture 223	3
Architecture 212	2	Architecture 222	2
Military Sci. 211—Military Sci....	1	Military Sci. 221—Military Sci....	1
	—		—
	17		17

JUNIOR YEAR

Mathematics 314	4	Architecture 323	3
Civil Engineering	3	Civil Engineering 343	3
Architecture 313	4	Political Science 203	3
Architecture 372	2	Architecture 362	2
Political Science 263	3	Architecture 343	2
Architecture 333	3	Architecture 383	3
Military Science 310	0	Military Science 320	0
	—		—
	19		19

SENIOR YEAR

Civil Engineering 413	3	Sociology 233	3
History 413	3	Mechanical Engineering 463	3
Economics 213	3	Architecture 443	3
Civil Engineering 353	2	Civil Engineering 414	4
Architecture 452	2	Military Science 420	0
Military Science 410	0	Civil Engineering 341	1
Architecture 410	0	Strength of Materials Laboratory	
Architecture 433	3	Mechanical Engineering 424	4
Civil Engineering 461	1		—
	—		16
	17		17

Number of hours required for graduation, 142

CIVIL ENGINEERING

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Mathematics 213	3	Mathematics 224	4
Physics 115	5	Physics 125	5
Civil Engineering 213	3	Civil Engineering 262	2
Civil Engineering Drawing 213...	3	Gen. Engineering Drawing	3
Mechanical Engineering 212	2	Machine Shop 222	2
Military Science 211	1	Military Science 221	1
	—		—
	17		17

JUNIOR YEAR

Mathematics 314	4	Political Science 203	3
Civil Engineering 313	3	Civil Engineering 323	3
Political Science 2X3	3	Civil Engineering 343	3
Civil Engineering 332	2	Civil Engineering 341	1
Civil Engineering 353	3	Civil Engineering 383	3
Civil Engineering 373	3	Civil Engineering 363	3
Military Science 310	0	Military Science 320	0
	—	Civil Engineering 311	1
	18		—
			17

SENIOR YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Civil Engineering 412	2	Civil Engineering 422	2
Civil Engineering 414	4	Civil Engineering 424	4
Electrical Engineering 413	3	Electrical Engineering 423	3
History 4X3	3	Mechanical Engineering 463	3
Economics 353	3	Sociology 223	3
Civil Engineering 410	0	Mechanical Engineering 423	3
Civil Engineering 413	3	Military Science 420	0
	—		—
	18		18

Number of hours required for graduation 139

ELECTRICAL ENGINEERING

FRESHMAN YEAR

(Same as Architectural Engineering)

SOPHOMORE YEAR

(Same as Civil Engineering)

JUNIOR YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Mathematics 314	4	Mathematics 423	3
Civil Engineering 313	3	Civil Engineering 323	3
Political Science 2X3	3	Political Science 203	3
Mechanical Engineering 352	2	Mechanical Engineering 362	2
Civil Engineering 373	3	Civil Engineering 343	3
Electrical Engineering 313	3	Civil Engineering 341	1
Military Science 310	0	Sociology 223	3
	—	Military Science 230	0
	18		—
			18

SENIOR YEAR

Electrical Engineering 410	0	Electrical Engineering 483	3
Electrical Engineering 413	3	Electrical Engineering 423	3
Electrical Engineering 433	3	Electrical Engineering 443	3
Electrical Engineering 454	4	Electrical Engineering 462	2
History 4X3	3	Mechanical Engineering 423	3
Economics 353	3	Mechanical Engineering 463	3
Military Science 410	0	Military Science 420	0
Electrical Engineering 472	2		—
	—		17
	18		

Number of hours required for graduation, 139

OPTION IN ELECTRICAL COMMUNICATIONS

SENIOR YEAR

Electrical Engineering 410	0	Electrical Engineering 423	3
Electrical Engineering 413	3	Electrical Engineering 443	3
Electrical Engineering 433	3	Mechanical Engineering 463	3
History 4X3	3	Electrical Engineering 483	3
Economics 353	3	Electrical Engineering 463	3
Electrical Engineering 473	3	Electrical Engineering 4X3	3
Military Science 410	0	Military Science 420	0
Electrical Engineering 493	3		—
Electrical Communication Lab.	—		18
	—		
	18		

Number of hours required for graduation in Communications Option,

INDUSTRIAL EDUCATION

Plan I

FRESHMAN YEAR

(Same as Architectural Engineering)

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Physics 115	5	Physics 125	5
Gen. Engineering Drawing 213 ..	3	Gen. Engineering Drawing 223 ..	3
English 233	3	English 303	3
Education 113	3	Advanced and Technical Writing	
Mechanical Engineering 212	2	Civil Engineering 262	2
Military Science 211	1	Mechanical Engineering 213	3
—	—	Military Science 221	1
	17		17

JUNIOR YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Political Science 2X3	3	Political Science 203	3
Mechanical Engineering 333	3	Education 313	3
Plumbing 123	3	Education 383	3
Civil Engineering 213	3	Mech. Engineering 112	2
Architecture 313a	3	Architecture 323a	3
History 4X3	3	Education 333	3
Military Science 310	0	Military Science 320	0
—	—		—
	18		17

SENIOR YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Sociology 213	3	Mechanical Engineering 463	3
Industrial Education 323	3	Education 406	6
Economics 213	3	Electrical Engineering 112	2
Auto Mechanics 112	2	Elective	3
Business Administration 493	3	Industrial Education 573	3
Military Science 410	0	Military Science 420	0
Industrial Education 373	3		—
—	—		17
	17		

Number of hours required for graduation, 136

NOTE.—Students desiring to major in one specific field or trade, under Plan 2, follow the above curriculum, with certain substitutions selected with the advice and approval of the Director.

MECHANICAL ENGINEERING

FRESHMAN YEAR

(Same as Architectural Engineering)

SOPHOMORE YEAR

(Same as Civil Engineering)

JUNIOR YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Mathematics 314	4	Civil Engineering 323	3
Civil Engineering 313	3	Civil Engineering 343	3
Political Science 2X3	3	Political Science 203	3
Mechanical Engineering 314	4	Mechanical Engineering 323	3
Mechanical Engineering 333	3	Civil Engineering 341	1
Mechanical Engineering 351	1	Mechanical Engineering 343	3
Military Science 310	0	Mechanical Engineering 362	2
—	—	Military Science 320	0
18	18	Military Science	—
			18

SENIOR YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Electrical Engineering 413	3	Electrical Engineering 423	3
Electrical Engineering 431	1	Electrical Engineering 441	1
Mechanical Engineering 414	4	Mechanical Engineering 424	4
Mechanical Engineering 413	3	Mechanical Engineering 443	3
Economics 353	3	Sociology 223	3
Mechanical Engineering 410	0	Mechanical Engineering 463	3
Military Science 410	0	Military Science 420	0
History 4X3	3	—	—
—	—		17
	17		

Number of hours required for graduation, 138

*GENERAL OUTLINE OF THE TWO-YEAR TECHNICAL COURSES

FIRST YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
General Engineering 132	3	General Engineering 142	3
Chemistry 133	3	Chemistry 143	3
Drawing 112	2	Drawing 122	2
English 113	3	English 123	3
Shop Practice 115	5	Shop Practice 125	5
Military Science 111	1	Military Science 121	1
or		Physical Education 121	1
Physical Education 111	1	—	—
—	—		17
	17		

SECOND YEAR

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
Mathematics 113	3	Mathematics 123	3
Elective	4	Elective	4
*Shop Practice 215	5	Shop Practice 225	5
English 233	3	English 303	3
Military Science 211	1	Military Science 211	1
or		Physical Education 221	1
Physical Education 211	1	—	—
—	—		16
	16		

* See Special Trade and Industrial bulletin for specific outlines in all trades.

DESCRIPTION OF COURSES

ARCHITECTURE

212-222. FREEHAND DRAWING. (0-6.) *Credit 2.* I and II. Drawing of plants and objects, and drawing from life in charcoal and pencil. The objective of this course is to train the student's eye and hand for application in architectural presentation and drawings.

213-223. ELEMENTS OF ARCHITECTURE. (0-9.) *Credit 3.* I and II. A study of the fundamentals of architectural design by their application in the original solution and presentation of simple architectural problems; and a study of Architectural Shades and Shadows.

313-323. ARCHITECTURAL DESIGN. (0-9.) *Credit 3.* I and II. Continuation of Architecture 223.

313A-323A. ARCHITECTURAL DESIGN. (0-9.) *Credit 3.* I and II. Design of small buildings. Development of plan, based on definite requirements, fenestration, influence of materials and construction on design, and preparation of working drawings. Prerequisite: G. E. D. 222.

333-343. HISTORY OF ARCHITECTURE. (3-0.) *Credit 3.* I and II. The development of architecture as related to human habitation; ancient, medieval and modern architecture.

372. BUILDING EQUIPMENT. (2-0.) *Credit 2.* I. A study of plumbing, sanitation systems, mechanical and electrical equipment of buildings.

362. WORKING DRAWINGS. (0-6.) *Credit 2.* II. Preparing working drawings and specifications for a small building.

382. BUILDING CONSTRUCTION. (3-0.) *Credit 3.* II. A study of the common methods of building construction; occasional visits to buildings under construction. Prerequisite: Civil Engineering 213.

410. INSPECTION TRIP. No credit. Required of all Seniors.

433-443. ARCHITECTURAL DESIGN. (0-9.) *Credit 3.* I. Continuation of Architecture 323, advanced problems, time problems and rapid sketches at frequent intervals.

452. ARCHITECTURAL PRACTICE. (0-6.) *Credit 2.* I. Special problems in architectural design and development, the preparation of building documents; interpretation of building codes, and analysis of documents of the American Institute of Architects; office organization, client and contractor relationships.

CIVIL ENGINEERING

213. ENGINEERING MATERIALS. (3-0.) *Credit 3.* I. Constituents, Properties and manufacture of standard structural materials. Three hours a week for one term. Prerequisite: Chemistry 144.

262. ELEMENTARY SURVEYING. (0-6.) *Credit 2.* II. Use of Tape and Chain, Engineer's level and transit. Methods of surveying in field practice. One hour a week in class and five hours a week in the field and drafting room. Prerequisite: G. E. D. 222.

311. HYDRAULICS LABORATORY. (0-3.) *Credit 1.* II. Measurement of flow, friction in pipes, pumping and power. Prerequisite: Registration in Civil Engineering 313.

313. APPLIED MECHANICS—STATICS. (3-0.) *Credit 3.* I. Composition and resolution of forces; systems of forces in equilibrium; laws of friction; centers of gravity; moments of inertia; practical problems, to illustrate the application of theory to engineering. Three hours a week for one semester. Prerequisite: Physics 125.

323. APPLIED MECHANICS—DYNAMICS. (3-0.) *Credit 3.* II. Velocities and accelerations of various types of mechanics, rectilinear, and curvilinear translation of particles and rigid bodies, rotation of rigid bodies about fixed axis, work energy and power, impulse and momentum, moments and products of inertia of areas and rigid bodies. Elementary problems in vibrations. Prerequisite: Civil Engineering 313.

332. TOPOGRAPHIC SURVEYING. (1-3.) *Credit 2.* I. Use of tape, transit and level; complete topographic survey, using the stadia method and plane table; astronomical observations for azimuth, time and latitude. Drafting of topographic maps from field notes. Prerequisite: Civil Engineering 262.

341. STRENGTH OF MATERIALS LABORATORY. (0-3.) *Credit 1.* II. The testing of materials. Prerequisite: Registration in Civil Engineering, 343.

343. STRENGTH OF MATERIALS. (3-0.) *Credit 3.* II. Engineering properties and behavior of standard engineering materials in stress strain tension and compression, torsion, shear, and moment, combined stresses and deflection; riveted joints, stresses in columns and the design of beams; use of engineering handbooks.

353. STRUCTURAL STRESSES. (3-0.) *Credit 3.* I. Analysis of stresses in statically determinate structures. Prerequisite: Registration in Civil Engineering 313.

363. SOILS AND FOUNDATIONS. (3-0.) *Credit 3.* I. A study of the physical properties of soil for foundations and the design and construction of foundations for pavements, bridges and buildings. Prerequisite: Civil Engineering 313.

373. HYDRAULICS. (3-0.) *Credit 3.* I. The laws governing the action of fluids at rest and in motion, as related to engineering problems; the measurement of the flow of fluids; the description and theory of reaction turbines, impulse wheels and centrifugal pumps. Prerequisite: or parallel: C. E. 313.

383. ROUTE SURVEYING. (2-3.) *Credit 3.* II. Horizontal and vertical alinement for railways and highways; grades and grade reduction; curves, turnouts, and earthwork, principles of economic location surveys, plans and estimates. Prerequisite: Civil Engineering 262-332.

410. INSPECTION TRIP. *Non credit course*; required of all seniors.

412. WATER SUPPLY ENGINEERING. (2-0.) *Credit 2.* I. Finances, hydraulics, demands, sources, reservoirs, pipe lines, pumping machinery,

materials, distribution systems. Prerequisites: Civil Engineering 311, 312, 341, 343.

413. REINFORCED CONCRETE. (3-0.) *Credit 3.* I. Properties of concrete, effect of water cement ratio, design of beams and floor systems. Rigid frame construction, columns. Three hours a week for one semester. Prerequisite: C. E. 343.

414. STRUCTURAL DESIGN. (2-6.) *Credit 4.* I. Theory of design and design of framed structures. Primarily building design. Prerequisite: Civil Engineering 353.

422. SEWERAGE. (2-0.) *Credit 2.* II. Sewerage systems, surveys and plants, hydraulics, house sewerage, rainfall and storm-water flow, size and capacity of sewers, appurtenances, estimates, and specifications construction. Prerequisite: Civil Engineering 311, 312.

424. STRUCTURAL DESIGN. (2-6.) *Credit 4.* II. Continuation of Civil Engineering 414, devoted principally to bridges.

461. GRAPHIC STATICS. (0-3.) *Credit 1.* II. Graphical stress analysis of simple roof trusses and three hinged arches. This course is coordinated with Civil Engineering 353. Prerequisite: Civil Engineering 313.

For Graduate and Undergraduate Credit

503. EARTH AND MASONRY STRUCTURES. (2-3.) *Credit 3.* I, II. Design and construction of dams, retaining walls, abutments and piers, culverts, grain elevators and bins.

513. PUBLIC HEALTH ENGINEERING. (3-0.) I. Design of water purification works and principles of sanitation.

533. REINFORCED CONCRETE DESIGN. (2-3.) *Credit 3.* I. Theories of action of beams, slabs, and columns of reinforced concrete; codes and specifications and their influence on design; effect of continuity.

563. STATICALLY INDETERMINATE STRUCTURES. (1-6.) *Credit 3.* II. Outer forces, reactions, moments and shears for fixed and moving loads, the use of influence lines, the determination of deflections of structures by methods of moment areas, elastic loads, virtual work and Williot diagrams. Methods of solution for stresses in statically indeterminate structures by virtual work, slope deflection, and moment distribution. Continuous beams, trusses, building frames and arches. Prerequisite: Civil Engineering 353.

DISTRIBUTIVE EDUCATION

In the field of distributive education, courses are offered in business practices, how to teach an employee, wholesale and retail selling and buying, advertising, display, bookkeeping, salesmanship, employer-employee relations, public relations, retail recordkeeping, laws of retailing, professional development in retail selling, grocery procedure and food service. These courses will be offered in short units. Any one or all may be taken on request. Other courses in this Department follow. Summer Business-Distributive Education clinics will be held each year.

112. **JOB ANALYSIS.** (2-0.) Students will analyze jobs and tasks to determine the skills and the related technical information needed for the purpose of determining the contents of a course of study.

113. **PHILOSOPHY OF VOCATIONAL EDUCATION.** (3-0.) An appreciation of the social and economic values of all forms of vocational education in our democracy, and the provisions for vocational education in our educational system.

123. **THE TEACHING PROCESS IN VOCATIONAL EDUCATION,** (3-0.) A study of methods, devices and procedures which are used effectively by the instructor in vocational subjects. This is a practicum.

133. **HUMAN RELATIONS IN VOCATIONAL EDUCATION.** (3-0.) A study of the behavior of people in a business or classroom situation, with emphasis on the understanding of the problems of veterans and displaced war workers.

153. **ADMINISTRATION AND SUPERVISION OF DISTRIBUTIVE EDUCATION.** (3-0.) History and development of Distributive Education under the George Deen Act. Requirements for the field, organization, promotion, installation and administration of Federal, State and local programs. Problems which have arisen during the operation of Distributive Education.

163. **CONFERENCE LEADING.** (3-0.) A study of the methods, procedures, and devices used in conference leading. Practice conference will be conducted daily.

213. **RELATED SUBJECT CONTENT.** (3-0.) Criteria for the selection of related subjects will be applied in the production of functional subject matter for courses. Such courses will be developed by students in this class.

223. **ADVANCED PHILOSOPHY OF VOCATIONAL EDUCATION.** (3-0.) Designed to give information and understanding of the philosophy and practice of employers, trade associations, and unions in promoting and conducting educational programs. Problems of integration with public vocational education will be discussed.

233. **METHODS OF MARKETING FOR DISTRIBUTORS.** (3-0.) The place of marketing in modern society. The problems of marketing from the viewpoint of these functions involved in the distribution of raw materials and finished goods from producers to consumers. Trade channels and activities of wholesalers and retailers, including department stores, specialty shops, etc. Emphasis will be given to marketing methods; policies, and problems of the manufacturer, wholesaler and retailer.

243. **METHODS IN SMALL BUSINESS OPERATION.** (3-0.) A course for businessmen in Distributive Education to help them train in the operation of small stores and industries.

ELECTRICITY

112-122. ELEMENTARY ELECTRICITY. (0-6.) *Credit 2.* I, II. The study of the fundamental principles of electricity and electrical machinery and construction, including simple wiring.

115. DIRECT CURRENT APPARATUS AND CIRCUITS. (2-9.) *Credit 5.* I. Direct-current circuit and magnetic circuit theory and calculations; principles of design and construction of direct-current, motors and generators; theory, concerning torque, flux, speed, voltage and speed regulation, commutation, and armature reaction of shunt and compound machines, parallel operations, and mechanical coupling of electrical machinery; theory and practice of direct current control equipment for generators and motors.

125. ALTERNATING-CURRENT APPARATUS AND CIRCUITS. (2-9.) *Credit 5.* II. Relations of simple harmonic electromotive forces and current phase differences; active, reactive, and apparent power, power factor and reactive factor, resistance, inductance, and capacitances; series, parallel, series parallel, and resonant circuits; polyphased circuits, balanced and unbalanced. The construction, characteristics and operation of alternators, induction motors, transformers, synchronous motors, synchronous converters, mercury-arc rectifiers and their regulating and control devices; fundamentals of telephone transmission. Prerequisite: Electricity 115.

215. ELECTRICAL MEASUREMENTS. (2-9.) *Credit 5.* I. Electric and magnetic units and standards; direct current and low frequency measurements; theory, calibration, and use of laboratory standards, and of potential transformers, and portable direct current and alternating current instruments; magnetic flux density measurements and core loss in iron. Measurements for resistance, reactance, capacitance impedance, voltage, current, and power factor; audio-frequency measurements. Prerequisite: Electricity, 125.

225. WIRING AND ILLUMINATION. (2-9.) *Credit 5.* II. Fundamentals of commercial and industrial wiring and illumination practice. Prerequisite: Electricity 215.

ELECTRICAL ENGINEERING

313. INTRODUCTION TO CIRCUIT ANALYSIS. (3-0.) *Credit 3.* I. Electric and magnetic units and circuits; graphical and mathematical treatment of periodic current circuits; special problems in alternating current networks; electrostatic circuits; wave analysis. Prerequisite: Physics 115, 125; Math. 224, and registration in Mathematics 314.

413. DIRECT CURRENT APPARATUS. (3-0.) *Credit 3.* I. Theory and characteristics of direct current apparatus. Prerequisite: Electrical Engineering 413, 433.

423. ALTERNATING CURRENT APPARATUS. (3-0.) *Credit 3.* II. Transformers, generators, motors, rotary converters, distributed inductance and capacity, transient phenomena. Prerequisite: Electrical Engineering 413, 433.

431-433. ELECTRICAL ENGINEERING LABORATORY. (0-3) (2-3). *Credit 1, 3.* I. Direct and alternating current circuits and instruments; operation and testing of direct current machines. Prerequisite: Registration in Electrical Engineering 413.

441-443. ELECTRICAL ENGINEERING LABORATORY. (0-3) (2-3). *Credit 1, 3.* II. To accompany Electrical Engineering 423. Prerequisite: Registration in Electrical Engineering 423.

454. WIRING AND ILLUMINATION. (3-3.) *Credit 4.* I. Fundamentals of commercial and industrial wiring and illumination practice. Prerequisite: Senior Standing.

462. ELECTRICAL DESIGN. (2-0.) *Credit 2.* II. Electromagnets and dynamos, direct and alternating; transformers. Prerequisite: Senior standing in Electrical Engineering.

463. PRINCIPLES OF ELECTRICAL COMMUNICATIONS. (3-0.) *Credit 3.* II. Discussion of the propagation of voltage and current on transmission lines in the sinusoidal steady state; significant features of low and high frequency applications; properties of almost lossless lines; impedance transforming properties of lines; transmission line charts; use of line as a coupling networks and as resonators; introduction to the theory of wave filters and corrective networks. Prerequisite: Senior standing in Electrical Engineering.

472. INTRODUCTION TO APPLIED ELECTRONICS. (2-0.) *Credit 2.* 1. Fundamental principles of the design, operation, and application of electron devices. Prerequisites: Electrical Engineering 313.

473. PRINCIPLES OF ELECTRICAL COMMUNICATIONS. (3-0.) *Credit 3.* I. Theory and applications of vacuum tubes and their associated circuits, as elements of communication systems, non linear operation of tubes, amplifiers, back systems, oscillators, amplitude and frequency modulators, demodulators, converters, and power supplies. Cathode-ray tubes and circuits. Brief consideration of typical radio transmitters and receivers. Prerequisite: Senior standing in Electrical Engineering.

483. RADIO COMMUNICATION APPARATUS. (3-0.) *Credit 3.* II. Fundamental circuits of and phenomena in radio communication apparatus. Measurement of radio frequency circuit parameters, wave propagation, performance of transmitters and receivers. Prerequisite: Senior standing in Electrical Engineering.

493. ELECTRICAL COMMUNICATIONS LABORATORY. (0-9.) *Credit 3.* I. Study of experimental methods in the solution of communication problems. Theory and use of modern laboratory instruments. Study of vacuum tubes and their circuits, artificial lines, and other networks, radio frequency and acoustical measurements. Practice in designing and constructing components of communications systems. Prerequisite: Senior standing in Electrical Engineering, registration in Electrical Engineering 473.

4X3. ELECTRICAL COMMUNICATIONS LABORATORY. (0-9.) *Credit 3.* II. Continuation of Electrical Engineering 493. Prerequisite: Electrical Engineering 473, 493.

For Graduate and Undergraduate Credit

513. ADVANCED COMMUNICATION CIRCUIT ANALYSIS. (3-0.) Theorems and properties of communication networks in steady-state and transient conditions.

533. ULTRA-HIGH FREQUENCIES. (3-0.) I, II. A study of radio transmission and reception, including ultra-high frequency techniques.

533. ELECTRIC POWER GENERATION. (3-0.) I, II. Study of the economics and technique of electric power generation. Effect of load curve on costs; thermal efficiency and commercial economy of various heat cycles; general layout of the generating station; division of load among generating units; by-product generation.

GENERAL ENGINEERING

111-121. ENGINEERING LECTURES. (1-0.) *Credit 1.* I and II. Entire Freshman year. Designed to acquaint freshman engineers with fundamental principles of their profession and give a general survey of the field. Presentation by students of reviews of articles appearing in the technical press and reports of engineering projects industrial experiences and lectures by prominent men engaged in the profession.

132-142. INDUSTRIAL MATHEMATICS. (3-0.) *Credit 3.* I, II. A course in applied mathematics, designed especially for trade students.

173. MOTION PICTURE PROJECTION. (2-3.) *Credit 3.* I. Operation and maintenance of 16 m.m. and 35 m.m. sound motion picture projectors; handling of film; use of modern booth accessories. The course includes actual operating experience in the University Theatre, and also inspection trips through theatre booths in the neighboring cities.

233. HOUSEHOLD MECHANICS. (2-3.) *Credit 3.* I. This course gives the student practical and theoretical training in the maintenance and use of various home appliances; the upkeep of household furnishings; fire protection, and minor repairs.

For Graduate and Undergraduate Credit

513. ADVANCED SHOP PRACTICE. (0-9.) *Credit 3.* I. Opportunity is offered to specialize, to a limited degree along such lines as heat treatment, machine tool work, welding, jig, fixtures, pattern making, and any shop work that may be of special interest to the student. All assignments must be approved by the Director of Mechanic Arts.

GENERAL ENGINEERING DRAWING

112-122. GENERAL DRAWING. (0-6.) *Credit 2.* I and II. A course in drafting designed to meet the needs of the individuals taking trade and industrial work.

113. ENGINEERING DRAWING. I. (1-6.) *Credit 3.* I. The use of drafting instruments, freehand gothic and roman lettering (vertical and inclined). Introductory orthographic projection, isometric draw-

ing, freehand technical sketching, dimensioning, and tracing with pencil on vellum tracing paper and in ink on tracing cloth.

122. DESCRIPTIVE GEOMETRY. (0-6.) *Credit 2.* II. Study of the principles of descriptive geometry, as related to the projection of points, lines, planes, and solids, and their applications to problems of engineering and architecture. Includes developments, intersections, double curved and warped surfaces. Prerequisite: Engineering Drawing 113.

213. ENGINEERING DRAWING. II. (1-6.) *Credit 3.* I. Review of orthographic projection; working drawings, isometric, oblique, prospective, chart, and diagram, topographical, instrumental and wiring diagrams.

223. ENGINEERING DRAWING III. (1-6.) *Credit 3.* II. Continuation of General Engineering Drawing 213. Prerequisite: General Engineering Drawing 213.

For Graduate and Undergraduate Credit

562. ADVANCED DESCRIPTIVE GEOMETRY. (1-5.) *Credit 2.* I, II. The graphical representation and the application of plane and space curves; advanced problems on single curved and double curved surfaces including the convolute and their developments. The fundamentals of perspective and other pictorial means of representation.

INDUSTRIAL EDUCATION

313. PRINCIPLES OF INDUSTRIAL EDUCATION IN SECONDARY SCHOOLS. (3-0.) *Credit 3.* I. This course deals with purpose and function of Industrial Education as it relates to High Schools. The course includes Industrial Arts as it relates to exploratory and prevocational aims and Trade Education as it relates to Vocational aims, with reference to preparation for actual jobs, immediately after graduation from High School.

323. METHODS OF TEACHING INDUSTRIAL EDUCATION IN SECONDARY SCHOOLS. (3-0.) *Credit 3.* II. Most effective organization of equipment and economical ways of securing material as teaching aids, program planning, discipline, reports and records.

373. VOCATIONAL GUIDANCE IN SECONDARY EDUCATION. (3-0.) *Credit 3.* I, II. SS. A study of the rise and development of the vocational guidance problems. A careful consideration of personnel functions and administration in education, in business and industry, and the preparation and classification of occupational information for use in guidance and placement in secondary education.

402. ORGANIZATION OF INDUSTRIAL MATERIAL. (2-0.) *Credit 2.* I. SS. Teachable content is organized from material obtained from occupational analysis. Lesson plans and job sheets are prepared.

412. COURSE MAKING. (2-0.) *Credit 2.* I, II. SS. Methods of outlining courses of study to meet the needs of the different types of classes. Each student will be required to complete a course for subjects in which he has had most experience.

462. AIMS AND OBJECTIVES OF VOCATIONAL EDUCATION. (2-0.) *Credit 2.* I, II. SS. A study of the principles underlying vocational education,

types of vocational schools and classes, efficiency factors in vocational education, the Smith-Hughes Act and the Texas State Plan for Vocational Education, with special references to Industrial Education.

472. PROBLEMS IN TRAINING FOR DIVERSIFIED OCCUPATIONS. (2-0.) *Credit 2. I, SS.* Preparation of specific courses of study for the individual student in diversified occupations by means of occupational analysis.

483. PRACTICE TEACHING IN MECHANIC ARTS. (0-9.) *Credit 3. I, II. SS.* Observation and practice teaching of Industrial Arts and Trade subjects under supervision.

For Graduate and Undergraduate Credit

523. TESTS IN INDUSTRIAL SUBJECTS. (3-0.) *Credit 3. I, II. SS.* Acquaintance with such available tests of aptitude and achievements as are useful in Industrial Education: application of known techniques in remedial teaching to the work of shop and drawing teachers; critical evaluation and planning.

533. INDUSTRIAL OCCUPATIONS. (3-0.) *Credit 3. I, II. SS.* Growth and development of important industries, statistics, and consideration of the trends and opportunities in the various occupations.

543. TRADE ANALYSIS. (3-0.) *Credit 3. I, II. SS.* The purpose of this course is to acquaint the student with the basic methods of planning and making an analysis of a trade. Emphasis is placed upon the importance and value of trade analysis in teaching.

553. ORGANIZATION AND PRESENTATION OF INDUSTRIAL SUBJECTS. (3-0.) *Credit 3. I, II. SS.* The course deals with methods of arranging, introducing and teaching industrial subjects, so as to definitely meet the aims and objectives. Demonstration procedures, remedial teaching, order of arranging operational skills, methods of developing skills, etc., are included.

563. THE GENERAL SHOP. (3-0.) *Credit 3. I or II.* Purpose of the new General Shop organization; current practice as to type of shops, equipments, instructional materials and procedures, pupil personnel plans, etc.

573. HISTORY OF INDUSTRIAL EDUCATION. (3-0.) *Credit 2. II. SS.* Purpose of this course is to give the student a thorough knowledge of the development of education as it relates to industry. The course deals with the various forms of Industrial Education in the early stages of history and periodic changes, during its development.

583. SOCIAL AND ECONOMIC FACTORS AFFECTING INDUSTRIAL EDUCATION. (3-0.) *Credit 3. I. SS.* A study of the economic problems affecting industry, including the theories and labor, and management, and the problem of rewards to stockholders, managing, employees and workmen, production, organization and standards of efficiency in industry; with special emphasis on the economic results of efficient industrial education.

593. AIMS AND OBJECTIVES OF INDUSTRIAL ARTS. (3-0.) *Credit 3.* I, II. SS. The purpose of this course is to familiarize the students with the underlying principles, essential philosophy, objectives and functions of industrial arts education.

MACHINE SHOP PRACTICE

112. ELEMENTARY MACHINE SHOP PRACTICE. (0-6.) *Credit 2.* I. Care and use of tools, laying out work, cutting, filing, and drill press work. Care and uses of tools, lathe turning, drill press and shaper work.

122. INTERMEDIATE MACHINE SHOP PRACTICE. (0-6.) *Credit 2.* II. Designing and turning irregular surfaces, designing and cutting gears and reamers. Grinding and finishing work.

123. METALWORK. (0-9.) *Credit 3.* I or II. Use and application of machine tools. Includes laying-out work, filing, scraping, machine parts, drilling, reaming, counterboring and tapping, tool grinding, straight and taper turning, screw cutting, milling, cylindrical and surface grinding and chucking. Special attention to the cutting angles and adjustments of cutting angles and adjustments of cutting tools and cutting speeds for each material worked.

132-135. WELDING. (0-6) (0-15). *Credit 2, 5.* I and II. Theory and practice of oxy-acetylene and arc welding.

212. PRACTICAL MACHINE SHOP PRACTICE. (0-6.) *Credit 2.* Lathe turning, shaping, planning and polishing work.

222. ADVANCED MACHINE SHOP PRACTICE. (0-6.) *Credit 2.* II. Lathe study, counter sinking, setting up work in lathe, plain turning and tool grinding. Thread cutting—right and left hand threads. Check and mandrel work, taper turning, boring in lathe, boring to dimensions. The planer, setting up work and planning to dimensions. The milling machine, a thorough study of the index head, milling square surfaces, hexagon surfaces, etc., milling keyways for plain and woodruff keys. Gear cutting, spur gears, miter gears, etc. Practice jobs involving the use of drill, planer, shaper, lathe and miller.

MECHANICAL ENGINEERING

For Undergraduate Credit

212. WELDING ENGINEERING. (0-6.) *Credit 2.* I or II. Welding processes; metallurgy, metallography, physical tests, and inspection of welds; design of weldments; application to the design and production of machines and structures. Prerequisite: Mechanical Engineering 113, 123; sophomore standing.

222. HEAT TREATMENT OF METALS. (0-6.) *Credit 2.* I or II. Heat treatment and metallurgy of steel and non-ferrous alloys; heat treating operations and study of microstructure and physical properties; hardenability, grain size testing, and machinability; heat treating operations as applied in production. Prerequisite: Mechanical Engineering 113, 123; sophomore standing.

314. THERMODYNAMICS. (4-0.) *Credit 4.* I. Transformation of energy, theoretical limitations; second law, absolute temperature, entropy and available energy, properties of gases, liquids, vapors, and vapor mixtures. Prerequisite: Mathematics 224; Physics 115 and 125.

333. MECHANISM. (3-0.) *Credit 3.* I. A study of the element of machinery with reference to the transmission of motion, and force, cams, gears; graphical construction; kinetics; balancing; and the arrangement in actual machines. Prerequisite: Mathematics 123.

351. PATTERN MAKING. (0-3.) *Credit 1.* I. Design and production of wood and metal patterns; core making. Prerequisite: General Engineering Drawing 223, Mechanical Engineering 113 and 123.

323. HEAT POWER ENGINEERING. (3-0.) *Credit 3.* II. Heat power engineering including steam engines, boilers, turbines, internal combustion engines, fuels and combustion, power plant equipment, and air compressors. Prerequisite: Mechanical Engineering 314.

343. INTERNAL COMBUSTION ENGINES. (3-0.) *Credit 3.* II. Fundamentals of internal combustion engines, including cycles capacity, efficiency, thermodynamics, combustion and operating conditions.

362. FOUNDRY. (0-6.) *Credit 2.* II. Floor, bench, and machine moulding; brass furnace and cupola practice; metallurgy of gray iron; sand testing. Prerequisite: General Engineering Drawing 223, junior standing.

413. MECHANICAL ENGINEERING LABORATORY. (2-3.) *Credit 3.* I. Instruments and tests of steam prime movers, boilers, pumps, fans, internal combustion engines, air compressors, air conditioning equipment, and flow of compressible media. Engineering reports.

414. MECHANICAL ENGINEERING DESIGN. (2-3.) *Credit 3.* II. Design of machinery subjected to heavy and variable stresses. Prerequisite: Civil Engineering 341 and 343; Mechanical Engineering 333.

423. HEAT ENGINEERING. (3-0.) *Credit 3.* II. A study of the principles of thermodynamics, properties of gases, saturated and superheated vapors; fuels, combustion and flue gas analysis; steam boilers, engines, and their auxiliaries; steam turbines, condensers, pumps, compressed air, and internal combustion engines. Prerequisite: Senior standing in Civil or Electrical Engineering.

424. HEATING, VENTILATING AND AIR CONDITIONING. (2-6.) *Credit 4.* II. Steam boilers and water heaters, direct and indirect heating, gravity systems, district heating, ventilation and air analysis, air conditioning. Prerequisite: Mechanical Engineering 413.

443. POWER PLANT ENGINEERING. (1-6.) *Credit 3.* II. Study and operation of the modern steam power plant. Prerequisite: Mechanical Engineering 413 and senior standing.

463. INDUSTRIAL MANAGEMENT. (3-0.) *Credit 3.* II. Problems of the industrial executive, such as organization, plant location, selection and arrangement of buildings and equipment, production planning and control, simplification, and standardization, time and motion

study, job methods standardization, control of inventory and costs, personnel and problems and business policy.

For Graduate and Undergraduate Credit

503. REFRIGERATION. (3-0.) *Credit 3. I or II.* The application of thermodynamics to problems of refrigeration. Types of refrigerating machines and plants, refrigerants, icemaking, cold storage, cooling of air, liquids, and solids, Construction details of commercial and household refrigerating plants and their economic operation.

523. FLOW OF FLUIDS AND HEAT TRANSFER. (3-0.) *Credit 3. I or II.* Review of first and second laws of thermodynamics, compressors, refrigeration cycles. The design of apparatus for heat transfer by conduction, convection, and radiation, with particular reference to heat exchangers, air preheaters, economizers, evaporators, boilers and condensers. Transformation of heat and work.

STATIONARY ENGINEERING

113. ELEMENTARY STATIONARY ENGINEERING. (0-9.) *Credit 3. I.* Nomenclature of power plant equipment and tools. Steam fittings, and heat insulation. Choice and application of lubricants. Steam boilers, types, settings and operation.

123. ELEMENTARY STATIONARY ENGINEERING. (0-9.) *Credit 3. II.* Reciprocating engines, air compressors, mechanical drives. Generation of electrical energy. Steam heating systems and accessories. Reading and testing of meters and gauges. Power plant switchboards.

213. ADVANCED STATIONARY ENGINEERING. (0-9.) *Credit 3. I.* Steam turbines, condensers and turbine accessories, refrigeration, and ice making, air conditioning, plant repair work, including steel and bronze welding, soldering, babiting, and machine tool work.

223. ADVANCED STATIONARY ENGINEERING. (0-9.) *Credit 3. II.* Erection of power plant equipment, a study of hoisting apparatus, and application of slings, hitches, jacks, cribbing, skills, and rollers to heavy machinery. Cost of erection. Plant records, and the management of a power plant.

AUTOMOBILE MECHANICS

112-122; 115-125. *ELEMENTARY AUTO MECHANICS. (0-6) (0-15). *Credit 2, 5. I and II.* History and development of the automobile, care and use of tools and study of parts. General service testing and repairing lights, starters, generators, ignition systems, and carburetors.

212-215. PRACTICAL AUTO MECHANICS. (0-6) (0-15). *Credit 2, 5. I.* Types of fuel, lubricants, motor tests and repairs; types of motors, clutches and brakes.

222-225. ADVANCED AUTO MECHANICS. (0-6) (0-15). *Credit 2, 5. II.* Types, installing and adjusting clutches; transmission, bearings and differentials; garage management.

* Trade courses where the student spends 30 clock hours per week in shop practice, (0-30), carry 10 hours credit and are numbered 11x, 12x, etc. Generally students pursuing these courses take no academic subjects.

173-193. **AUTOMOBILE THEORY.** (3-0.) *Credit 3.* I and II. The aim of this course is to give the student a thorough knowledge as related to the technical side, dealing with the engine, electrical, body and chassis work. The student is given the various principles and functions related to these phases.

BROOM AND MATTRESS MAKING

112-115. **ELEMENTARY BROOM AND MATTRESS MAKING.** (0-6) (0-15). *Credit 2, 5.* I. Instruction in the assortment of broom corn, trimming and seeding machinery, putting the corn into working order; dyeing and bleaching broom corn; names and care of tools and machinery; making plain light household brooms; scraping, sewing, clipping, and bunching brooms in dozen lots.

122-125. **ADVANCED BROOM AND MATTRESS MAKING.** (0-6) (0-15). *Credit 2, 5.* II. Instruction in making large household brooms, warehouse brooms, the different types and styles of finishes, whisk brooms, ceiling or wall brooms; quantity and cost estimating; instruction in mop making. Instruction in the different kinds and grades of mattress ticking, cutting and making ticking for the full mattress, duofold mattresses, day beds, and baby beds. This course also includes the making of non-tack and sectional feather mattresses, making pillows and renovating mattresses.

132-135. **ELEMENTARY MATTRESS MAKING.** (0-6) (0-15). *Credit 2, 5.* I and II. Instruction in the names, use and care of mattress making tools and machines, measuring, cutting and making ticking for the 1-2, 2-3, and 3-4 mattresses.

CARPENTRY

125. **ELEMENTARY CARPENTRY. II.** (0-15.) *Credit 5.* II. Use and care of woodworking machines. Advanced jobs requiring skill of hand. House framing continued. Brace and balloon framing, advantages and disadvantages of each, rafter cutting and methods of laying out various pitches.

213-215. **ADVANCED CARPENTRY. I.** (0-9) (0-15). *Credit 3, 5.* I. Production methods in the use of power machinery; Furniture construction with modern adaptations. Hanging doors and windows, built-in cabinets and wood turning.

223-225. **ADVANCED CARPENTRY.** (0-9) (0-15). *Credit 3, 5.* II. Weather-boarding and sheathing, window and door frames. Hardware, use and application, construction built-in cabinets, estimating complete cost of building, stair construction. Finishing the inside of the house and study of related trades.

CARPENTRY AND CABINET MAKING

115. **ELEMENTARY CARPENTRY. I.** (0-15.) *Credit 5.* I. Names, use and care of tools, lumbers and building materials. Joints, skill of hand in the performance of a number of jobs selected to embody good construction and design. Ability to analyze a problem into its learning

units and to plan the procedure in the performance of a job. Building sites, laying off houses from blueprints, foundations, framing of sills, joists; board measure and problems in measurements and estimating.

LAUNDERING

112. ELEMENTARY LAUNDERING. I, II. Ironing laundry terms and usage. Care and operation of mangle; checking in, checking out, marking, separating, and wrapping. Starch making, soap solution and bleaching agents. Finishing, flat work, starch work, pleated work, shirts, colors and uniforms; care and operation of marking machines, washing silks, flannels and woolens; care and operation of drying machines.

213, 223. ADVANCED LAUNDERING. I and II. A study of the various kinds of cleaning solutions, pressers, types of mechanism, care and operation of pressers, types of mechanism, care and protection of dry cleaning machines; pressing silk dresses, woolen dresses, woolen suits and ties. Laundry bookkeeping and management.

122-125. DRY CLEANING AND PRESSING. A study is made of fancy spotting, silk finishing, specialty cleaning, the clarification process, bleaching, dyeing, stripping and sizing. Techniques of shop management and plant lay-out are also emphasized.

PAINTING

112. ELEMENTARY PAINTING. (0-6.) *Credit 2*. I. Study of various kinds of paints, varnishes, stains, lacquers, and their ingredients; the relation and recognition of colors. The study of tools, equipment and their uses, and practical experience.

115. ELEMENTARY PAINTING. (0-15.) *Credit 5*. I. Study of various kinds of paints, varnishes, stains, and lacquers and their ingredients; the relation and recognition of color. The study of tools and equipment and their uses, and practical experience.

122. ELEMENTARY PAINTING. (0-6.) *Credit 2*. II. Study of the preparation of exterior surfaces, mixing and applying paints, the effect of weather conditions upon a paint job, color analysis and color matching, and practical experience.

125. ELEMENTARY PAINTING. (0-15.) *Credit 5*. II. Study of the preparation of exterior surfaces, mixing and applying paints, the effect of weather conditions upon a paint job, color analysis and color matching, and practical experience.

212. ADVANCED PAINTING. (0-6.) *Credit 2*. I. Study in preparing interior surfaces, blending colors with furniture and effects of position and light upon interiors, modernistic wall finishing, and practical experience.

215. ADVANCED PAINTING. (0-15.) *Credit 5*. I. Study in preparing interior surfaces, blending colors with furniture and effects of position and light upon interiors, modernistic wall finishing, and practical experience.

222. ADVANCED PAINTING. (0-6.) *Credit 2.* II. Study of the simple steps in paper hanging, shop management and furniture finishing, estimating and practical experience.

225. ADVANCED PAINTING. (0-15.) *Credit 5.* II. Study of the simple steps in paper hanging, shop management and furniture finishing and practical experience.

312. SPECIALIZED COURSE IN PAPER HANGING OR FURNITURE FINISHING. (0-6.) *Credit 2.* I. Estimating and extensive practice. Prerequisites: Painting 312, 122 and 222.

322. SPECIALIZED COURSE IN PAPER HANGING OR FURNITURE FINISHING. (0-6.) *Credit 2.* II. Estimating and extensive practice. Prerequisite: Painting 312.

PLUMBING AND SHEET METAL

112. INDUSTRIAL PLUMBING. (0-6.) *Credit 2.* I. This course comprises the care and use of tools, measuring, cutting and threading steel pipe, repairing faucets and cocks, soldering, grading and laying sewer lines.

115. ELEMENTARY PLUMBING. (0-15.) *Credit 5.* I. This course comprises the care and use of tools, study of plumbing and heating layouts, measuring, cutting and threading steel pipe, cutting and caulking cast iron pipe.

122. INDUSTRIAL PLUMBING. (0-6.) *Credit 2.* II. Roughing in for, and setting fixtures for small jobs. Making material bills, lead work.

125. ELEMENTARY PLUMBING. (0-15.) *Credit 5.* II. Leadwork, roughing in for, and setting fixtures on small plumbing and heating jobs. Tapping and venting.

215. ADVANCED PLUMBING. (0-15.) *Credit 5.* I. Study of small heating systems. Installation of boilers of one and two pipe heating systems; transmission lines, layouts and codes, etc.

225. ADVANCED PLUMBING. (0-15.) *Credit 5.* II. Making estimates for labor and material for small plumbing and heating jobs. Distribution of hot and cold water. Estimating yearly supplies for boarding schools.

132. ELEMENTARY SHEET METAL. (0-6.) *Credit 2.* I. Templates, soldering, brazing, seaming, and, study and use of sheet and bar material.

152. ADVANCED SHEET METAL. (0-6.) *Credit 2.* II. Different types of sheet and wrought-iron works as applied to furniture, building construction and ornament; welding and brazing. Prerequisite: Course 112.

PRINTING

112-115. ELEMENTARY HAND COMPOSITION. (0-6) (0-15). *Credit 2, 5,* I. Practical work in setting straight composition and elementary tabular forms, stressing spacing, punctuation and division of words; introducing printers' mathematics, proofreaders' marks and their use, construction of borders, lockup, and display composition.

132-133. **ELEMENTARY PRESSWORK.** (0-6) (0-9). *Credit 2, 3.* I. Introduction to platen presses: starting and taking care of different types of presses; press adjustments; hand feeding press preparation; make ready on simple forms.

122-125. **ADVANCED HAND COMPOSITION.** (0-6) (0-15). *Credit 2, 5.* II. Advanced problems in hand composition; proper use of ornaments and decoration; job and ad composition; newspaper make-up; imposition of 4-page, 8-page, 16-page and 32-page forms.

142-143. **ADVANCED PRESSWORK.** (0-6) (0-9). *Credit 2, 3.* II. Automatic feeders, care of rollers; make-ready on complicated forms; cutting paper, printing inks. Prerequisite: 132 or 133.

212-215. **LINOTYPE OPERATING AND MECHANISM.** (0-6) (0-15). *Credit 2, 5.* I. Special attention is given to correct keyboard fingering; setting of straight matter; ad and job composition. A study of the assembling, and distributing mechanism of the machine. Prerequisite: Printing 122 or 123.

222-225. **LINOTYPE OPERATING AND MECHANISM.** (0-6) (0-15). *Credit 2, 5.* II. This is a continuation of course 212 or 213 in which more complicated jobs are set. Speed and accuracy are stressed. The casting and distributing mechanism are studied. Prerequisite: Printing 212 or 215.

232-233. **CYLINDER PRESSWORK.** (0-6) (0-9). *Credit 2, 3.* I. Introduction to the cylinder; mechanical adjustments; make-ready; newspaper and book forms; folding machine. Prerequisite: Printing 142 or 143.

242-243. **CYLINDER PRESSWORK.** (0-6) (0-9). *Credit 2, 3.* II. This is a continuation of course 232 or 233. Practice in the production of halftones, color mixing, etc. Mechanism of the cylinder press. Prerequisite: Printing 232 or 233.

313-312. **PRINT SHOP MANAGEMENT.** (0-6) (0-9). *Credit 2, 3.* I. A general study in the arrangement of various machines in the shop; the effect of temperature and light on the workers. Practice in managing the local shop. Prerequisite: The completion of the first two years of printing.

322-323. **ESTIMATING AND COST FINDING.** (0-6) (0-9). *Credit 2, 3.* II. A study of finding the cost of jobs with the use of the Franklin Printing Catalogue, also by the hour-rate method. Prerequisite: The completion of the first two years of Printing.

412-413. **PRACTICAL BOOKBINDING.** (0-6) (0-9). *Credit 2, 3.* I. A course designed to teach the simple methods of sewing books and pamphlets, repairing old books, to select and design covers for books and pamphlets.

RADIO REPAIR

212. **AMPLITUDE MODULATION TRANSMITTERS.** (0-6.) *Credit 2.* I. Theory behind the amplitude modulated type transmitter. R. F. amplifiers, oscillators, modulators, antennas and v. h. f. techniques.

213. TEST INSTRUMENTS. (3-0.) *Credit 3.* I. Discussion of the commercial test instruments in use by repairmen and technicians, the operation and repair, and repairs to the d'Arsonval type meter.

222. FREQUENCY MODULATION. (0-6.) *Credit 2.* I. General principles and advantages; block diagram of transmitter; block diagram of receiver; use of limiter and discrimination.

115-125-215-225. RADIO LABORATORY. (0-15.) *Credit 5.* I and II. The use of measuring and testing instruments such as Vacuum tube voltmeters, output meters, frequency meters, signal generators, and cathode-ray oscilloscopes. Analysis and interpretation of measurement results. Trouble-"shooting" and repairing commercial radios. Fifteen hours a week in laboratory for four semesters.

173. ALTERNATING CURRENT CIRCUIT THEORY. (3-0.) *Credit 3.* I. The fundamental concepts of alternating current circuits. Series and parallel circuits, reactance and impedance, resonant and non-resonant, sinusoidal and non-sinusoidal wave analysis. Coupled circuits and basic filter theory. Three hours a week for one semester.

153-163. RADIO FUNDAMENTALS. (3-0.) *Credit 3.* I and II. The fundamental concepts of superheterodyne and tuned radio-frequency type receivers. Car radios and battery radios. Three hours a week for two semesters.

183. CIRCUITS LABORATORY. (0-9.) *Credit 3.* II. A series of experiments and tests coordinated and in parallel with course 173. One hour a week in class during the first nine weeks, three hours a week in laboratory the remaining nine weeks. Prerequisite: Course 173.

523. RESEARCH AND PROBLEMS. (0-9.) *Credit 3.* I. Every student taking Radio Repair as a trade must select some problem or project in which he is interested and must do intensive research work on it. The result of his project or problem must be written and presented in the regular seminar.

SHOEMAKING

112-113. SHOEMAKING. (0-6) (0-9). *Credit 2, 3.* I. Care of shop, care and use of tools; making bristled waxed thread ends, sewing with hand sewing awl. Tempering sole leather, moulding whole and half soles for bottom use, fitting half soles, sewing rips in uppers and soles by hand.

122-123. SHOE MAKING. (0-6) (0-9). *Credit 2, 3.* I. Selection of lasts to correct the shape of shoes to be repaired, nailing soles previously fitted, repairing leather and wood heels, lock stitching, trimming edges by hand, classification of soles and upper patch leather, fitting needles and the repair of the universal feed machine, getting outlines of vamp, quarter and sole patches, putting on cement, vamp and sole patches; sewing soles by the hand method.

212-213. SHOE MAKING. (0-6) (0-9). *Credit 2, 3.* I. The care of the finishing machine, fitting and preparing cement soles, repairing light half soles on shoes; studying the history of footwear; drafting

and fitting insoles, repairing turn soles by the turn method; sewing welts, putting on plain bottoms, stitching soles with machine and trimming and finishing edges with machine.

222-223. SHOE MAKING. (0-6) (0-9). *Credit 2, 3. II.* The use and care of the McKay Self-channelling machine, fitting needles in machine, and general repairs to machine. The use and care of the rough rounding machine. The lip channel method of fastening whole sole with the stitchers. General organization and shop management, keeping books and job records.

TAILORING AND GARMENT MAKING

112-115. ELEMENTARY TAILORING. (0-6) (0-15). *Credit 2, 5. I.* Names and uses of various stitches. Trouser measurements. The tailor's square and its uses. Trouser cutting.

122-125. ELEMENTARY TAILORING. (0-6) (0-15). *Credit 2, 5. I.* Trouser drafting, trimming and making. Serges and worsted. Use and care of tailoring machines, skirt drafting, cutting and making.

132-142. DRAFTING. (0-6.) *Credit 2. I and II.* This course consists of the use of drafting instruments, taking measurements, the drafting of trousers, knickers, coats and ladies skirts, and general drafting, and designing.

212-215. ADVANCED TAILORING. (0-6) (0-15). *Credit 2, 5. I.* Coat and vest measurements; direct and proportionate, vest cutting, drafting and making. Collar and canvas construction.

222-225. ADVANCED TAILORING. (0-6) (0-15). *Credit 2, 5. II.* Coat cutting, trimming, drafting and making. Alterations and repairs. Hand and machine made coats. Method of lining and relining.

WOODWORK

112-113-122. WOODWORK. (0-6) (0-9). *Credit 2, 3, I, II.* Names and uses of tools, names and uses of joints, simple projects, requiring skill in the use of the saw, plane and square; problems in measurement, board measure and hand sanding. Use and care of woodworking machines and advanced projects involving turning, mortising, tenoning and paneling.

212. ADVANCED WOODWORK. (0-6.) *Credit 2. I.* Construction of period style furniture with modern adaptation. Woodturning and inlaying. Hand and machine sanding and estimating.

222. ADVANCED WOODWORK. (0-6.) *Credit 2. II.* Production methods in the use of power machinery, complicated and original designs for large pieces of furniture. History of furniture, cost finding, and estimating.

DIVISION OF NURSING EDUCATION

The Division of Nursing Education offers two curricula; one, over a period of three years, leading to a Diploma in Nursing, and the other, over a period of five years, leading to the degree of Bachelor of Science in Nursing. Upon completion of either curriculum, the nurse is eligible to take the Nurses' State Board Examination.

The School of Nursing has affiliation with Jefferson Davis Hospital, Houston, Texas, enabling nurses to get experience in pediatrics and obstetrical nursing. The time required in these branches of nursing is nine months.

Students with highest scholastic rating in their respective high schools and students with one or more years of college credit are given preference among applicants for admission to the Division of Nursing Education. Please send two transcripts,—one for the College Registrar and one for Nursing Education records.

NECESSARY ARTICLES

Applicants are required to bring the following articles: four sheets, three pillow cases, one pillow, sufficient bed covers, umbrella, raincoat, overshoes, white oxfords with low rubber heels, two spreads, four face towels, four bath towels, a work box containing instruments for mending, an inexpensive watch with a second-hand, an inexpensive clinical thermometer, and six white aprons without bibs. All entering Nursing Education students pay entrance fee, which covers the cost of tuition, books, and uniform for the first year only.

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 each year during the summer.

SPECIAL REQUIREMENTS

In addition to the completion of an acceptable 4-year high school course of study the following special requirements must be met by those who desire to enter the Division of Nursing Education of Prairie View A. and M. College.

1. Applicants must be 18 years old upon entrance to the division and under 30.
2. Applicants must have a thorough preentrance physical examination as evidence of physical fitness.

THREE YEAR CURRICULUM FIRST YEAR—FIRST SEMESTER

Course No.	Title	Clock				Sem.
		Hrs.	Lec.	Lab.	Cr.	Hrs.
English 113	Grammar and Composition	54	3	0	3	3
Nursing Ed. 153	Anatomy and Physiology	54	3	0	3	3
Nursing Ed. 114	Chemistry for Nurses	108	2	4	4	4
Nursing Ed. 116	Introduction to Nursing Arts	144	2	6	4	4
Nursing Ed. 132	History of Nursing and Professional Ethics	54	3	0	3	3
Physical Ed. 110	Gymnastics	36	0	2	0*	0*
Nursing Ed. 110	Pre-Clinical Practice	216	0	12	0*	0*

SECOND SEMESTER

English 123	Composition (Communication)	54	3	0	3	3
Nursing Ed. 163	Anatomy and Physiology	54	3	0	3	3
Nursing Ed. 126	Advanced Nursing Arts	144	2	6	4	4
Nursing Ed. 124	Microbiology and Pathology	108	2	3	4	4
Nursing Ed. 103	Psychology and Abnormal Behavior	54	3	0	3	3
Nursing Ed. 182	Pharmacology and Therapeutics	36	0	2	0*	0*
Physical Ed. 120	Games and Gymnastics	36	0	2	2	2
Nursing Ed. 120	Pre-Clinical Practice	234	0	13	0*	0*

FIRST YEAR—SUMMER SESSION—THIRTEEN WEEKS

Nursing Ed. 140	Clinical Practice	520	0	40	0*	0*
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SECOND YEAR—FIRST SEMESTER

Nursing Ed. 143	Nutrition—Foods and Cookery	72	2	2	3	3
Nursing Ed. 322	Sociology and Social Problems	54	3	0	3	3
Nursing Ed. 403	Diet Therapy	72	2	2	3	3
Nursing Ed. 192	Pharmacology and Therapeutics	36	2	0	2	2
Nursing Ed. 312	Obstetrics and Gynecology	36	2	0	2	2
Nursing Ed. 423	Operating Room Technique	72	2	2	3	3
Nursing Ed. 374	Medical and Surgical Nursing I	96	2	3	3	3
Nursing Ed. 218	Clinical Practice	324	0	18	0*	0*

SECOND SEMESTER

Nursing Ed. 363	Emergency Nursing	72	2	2	3	3
Nursing Ed. 332	Nursing of Children	36	2	0	2	2
Nursing Ed. 384	Medical and Surgical Nursing II	108	3	3	4	4
Nursing Ed. 230	Clinical Practice	540	0	30	0*	0*

SUMMER SESSION, SECOND YEAR**3, 13 WEEKS

Nursing Ed. 240	Clinical Practice	520	0	40	0*	0*
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THIRD YEAR—Affiliation at Jefferson Davis Hospital, Houston, Texas—Nine months.

FIRST SEMESTER

Professional Adjustment
Psychiatric Nursing
Eye
Communicable Diseases
Clinical Practice
 Obstetric Nursing
 Pediatric Nursing
 Medical Nursing Service
 Surgical Nursing Service

SECOND SEMESTER

Ear, eye, nose and throat
Nursing and health service in the family
Professional Adjustment
Public Health
Diet Therapy—Four Weeks
Clinical Practice
 Psychiatric Nursing
 Newborn Nursing formula
 Tuberculosis Clinic

SUMMER SESSION, THIRD YEAR

Special Nursing Clinical Practice

* No credit required.

** NOTE.— If affiliation is started in the summer of the second year, six months for special nursing clinical practice will be allowed.

DEGREE CURRICULUM

FIVE-YEAR COURSE*

*(Students should complete the three year course for the nursing diploma and certificate from the State Board of Nurse Examiners before commencing work on the degree curriculum.)

FOURTH YEAR
FIRST SEMESTER

Course No.	Title	Clock Hrs.	Sem. Hrs.		
			Lec.	Lab.	Cr.
English 233	Public Address	54	3	0	3
Mathematics 173	Math. Analysis	54	3	0	3
Education 113	Introduction to Education	54	3	0	3
Sociology 213	Introduction to Sociology	54	3	0	3
Biology 354	Histological Technique	108	2	4	4
Pol. Science 2X3	National Government	54	3	0	3
Nursing Ed. 412	Clinical Practice—Ward Supervision	216	0	12	0*

SECOND SEMESTER

Sociology 333	Social Psychology	54	3	0	3
Pol. Science 203	State Government	54	3	0	3
Mathematics 183	Applied Math. Analysis	54	3	0	3
Economics 203	Survey of Consumer Economics	54	3	0	3
English 313	Public Discussion	54	3	0	3
History 4X3	Negro History	54	3	0	3
Nursing Ed. 410	Clinical Practice—Ward Supervision	216	0	12	0*

FIFTH YEAR

Phil. 303	Philosophies of Life	54	3	0	3
Foods 413	Advanced Nutrition	90	1	4	3
Education 313	Principles of Secondary Education	54	3	0	3
Education 313	Methods of Teaching H. S. Subjects	54	3	0	3
Sociology 413	Social Welfare Work	72	2	2	3
Nursing Ed. 418	Clinical Practice—Hospital Management	324	0	18	0*

SECOND SEMESTER

Education 353	or adolescent Psychology	54	3	0	3
Education 383	Educational Psychology	54	3	0	3
Education 443	Tests and Measurements	54	3	0	3
Education 406	Practice Teaching in H. S.	216	1	10	6
Education 433	Science and Art of Teaching	54	3	0	3

DESCRIPTION OF COURSES

NURSING EDUCATION

112. PRE-CLINICAL NURSING PRACTICE. (0-12.) *No semester hours credit.* 216 hours. I. Supervised practice for the beginning nurse in the application of nursing principles and methods to the care of patients of the hospital.

122. PRE-CLINICAL NURSING PRACTICE. (0-13.) *No semester hours credit.* 234 hours. II. Continuation of Nursing Education 112.

116. INTRODUCTION TO NURSING ARTS. (2-4.) *Credit 4.* 144 hours. I. A course designed to give the student a basic understanding of the principles of nursing with emphasis upon her attitude toward her patient, the existing social relationships, the physical requirements for the proper care of patients, and the procedures found most helpful for the promotion of health.

126. ADVANCED NURSING ARTS. (2-4.) *Credit 4.* II. 144 hours. Continuation of Nursing Education 116.
124. MICROBIOLOGY AND PATHOLOGY. (2-4.) *Credit 3.* II. 108 hours. Habits and morphology of microorganisms emphasizing those of pathogenic character; sources, modes, and prevention of infection; disinfection and asepsis; the more important tissue changes occurring in the healing process, infections and neoplasms; clinical microscopy of the blood and blood groupings; kidney function and urinalysis.
132. HISTORY OF NURSING. (3-0.) *Credit 3.* I. 54 hours. Historical development of nursing from its early conception to modern times.
140. CLINICAL PRACTICE. (0-40.) *No semester hours credit.* Summer session, First year. 540 hours. Elementary nursing practice in which the theories of nursing are applied in laboratory practice, surgical supply room, and in care of convalescent patients and out patients.
143. NUTRITION, FOODS AND COOKERY. (2-2.) *Credit 3.* I. 72 hours. Normal adult nutrition and food preparation; familiarizing the nurse with nutritive value of foods and how to plan a balanced diet according to age, physical activities and climate.
- 153 and 163. ANATOMY AND PHYSIOLOGY. (3-0.) *Credit 3.* I and II. 108 hours. Form, structure and functions of the human body as an essential prerequisite to the study of health and nutrition due to disease.
- 182 and 192. PHARMACOLOGY AND THERAPEUTICS. (2-0.) *Credit 3.* I and II. 72 hours. This course is designed to acquaint the student with the fundamental weights, measures, terms and symbols used in the preparation and administration of drugs, common, antiseptics, disinfectants and other solutions.
218. CLINICAL PRACTICE. (0-18.) *No semester hours credit.* 324 hours. I. Supervised practice and study of the application of medical nursing principles and methods to the care of patients of the hospital. In addition, students study and practice medical aseptic nursing as related to the care of patients suffering from communicable diseases, including tuberculosis. Practice includes care of patients and managerial experience during day, evening and night. Demonstrations and conferences.
230. CLINICAL PRACTICE. (0-30.) *No semester hours credit.* II. 540 hours. Continuation of Nursing Education 218.
240. CLINICAL PRACTICE. (0-40.) *No semester hours credit.* Summer session. Second year. 520 hours. Continuation of Nursing Education 230.

Note: Instead of completing this course at the end of the second year, students may go on affiliation and do specialized nursing the last six months of the senior year.

312. OBSTETRICS AND GYNECOLOGY. (2-0.) *Credit 2. I.* 36 hours. This course deals with physiological and pathological changes, during pregnancy, labor and puerperium, the care of the normal newborn; the nutrition of the mother and baby; the prevention of complications; the social significance of infant and maternal mortality; the relation of obstetrics to various gynecological conditions; the results of infection and tumor growth and the required surgical interference and operative treatment.

332. NURSING OF CHILDREN. (2-0.) *Credit 2. II.* 36 hours. The basic principles in the care of well and sick infants and children are given together with the social, educational and nutritional aspects of their treatment and behavior as normal children. Note: Pediatrics and Pediatric Nursing will be continued on affiliation.

363. EMERGENCY NURSING. (2-2.) *Credit 3. II.* 72 hours. This course supplements the instruction in nursing and deals with the application of these principles to emergency situations in the home and community. Lectures and demonstrations. First aid certificate granted by the American Red Cross.

374. MEDICAL AND SURGICAL NURSING I. (2-3.) *Credit 3.* 96 hours. This course deals with the principles of medical and surgical nursing as applied to the care of medical and surgical patients through lectures, clinics and demonstrations. The instruction and practice in this course are broken down as follows:

- | | |
|--------------------------------------|----------|
| 1. General Medicine | 36 hours |
| 2. Highly communicable diseases..... | 16 hours |
| 3. General surgery | 36 hours |
| 4. Urology | 8 hours |

384. MEDICAL AND SURGICAL NURSING II. (2-3.) *Credit 3. II.* 96 hours. This course is a continuation of Nursing Education 374 and is broken down as follows:

- | | |
|----------------------------------|----------|
| 1. Gynecology | 18 hours |
| 2. Orthopedics | 18 hours |
| 3. Operating Room Technique..... | 16 hours |
| 4. Skin Diseases | 13 hours |
| 5. Venereal Diseases | 13 hours |
| 6. Tuberculosis | 13 hours |
| 7. Nervous Diseases | 13 hours |

403. DIET THERAPY. (2-2.) *Credit 3. I.* 72 hours. This course is designed to present the underlying principles of treatment of disease by means of special dietaries. This course is supplemented by conference work during the student's practice in medical and surgical nursing. Lectures, recitation and laboratory.

423. OPERATING ROOM TECHNIQUE. (2-2.) *Credit 3. I.* 72 hours. This course is designed to give the student a thorough understanding of surgical aseptic technique. It is planned to develop dexterity and intelligent response in assisting with operations and in meeting surgical emergencies. Experience is given in the operating room.

412. CLINICAL PRACTICE—WARD SUPERVISION. (0-12.) *No semester hours credit.* I and II. 432 hours. This course is a practice course designed to give degree candidates practice in supervising the wards and instructing beginning nurses. Open to registered nurses. Conferences and consultations in ward supervision. 216 hours each semester.

418. CLINICAL PRACTICE—HOSPITAL MANAGEMENT. (0-18.) *No semester hours credit.* I. 324 hours. This course is designed to give degree candidates actual practice in hospital management and supervision of nurses. Practice is implimented with conferences and consultations with the Superintendent of Nurses and Superintendent of hospital.

PSYCHOLOGY OR NURSING EDUCATION

103. ELEMENTARY PSYCHOLOGY AND ABNORMAL BEHAVIOR. (3-0.) *Three semester hours credit.* 54 hours. II. An introduction to the study of human behaviour and the underlying principles of mental adjustments, habit formations, deviations in behaviour of adults and children, due to organic and sociological factors, and the nursing care necessary in assisting patients in making more adequate adjustments during illness. An effort is made to apply this study to the student's own personality and give her more scientific basis by which she can get a better understanding of behaviour of herself, her coworkers, and her patients. Lectures and recitations.

CHEMISTRY OR NURSING EDUCATION

114. GENERAL INORGANIC CHEMISTRY FOR NURSES. (2-4.) *Four semester hours credit.* 108 hours. An introductory course in chemistry designed to acquaint students with the fundamental principles of inorganic and physiological chemistry with special application to nursing practice. Studies in the general composition of the blood and urine, and in the digestion and utilization of foods are included. Lectures, recitations, demonstrations and laboratory.

ENGLISH

113. and 123. GRAMMAR AND COMPOSITION, ORAL AND WRITTEN COMMUNICATION. (3-0.) *Credit 3 hours each semester.* 108 hours.

NOTE.—These courses are offered by the English Department and required of all students of the University. See English Department for course descriptions.

CORRESPONDENCE DEPARTMENT

T. R. SOLOMON, PH.D., *Chairman*

Only one course is offered through the Correspondence Department at Prairie View A. and M. College:

POLITICAL SCIENCE 1X3. The Government of Texas and the United States.

PRAIRIE VIEW EXTENSION SCHOOLS

Prairie View has five extension schools now in operation. They are as follows: Buffalo Extension, Crockett Extension, El Paso Extension, Galveston Extension and LaGrange Extension.

VETERANS ADMINISTRATION GUIDANCE CENTER

The Prairie View Guidance Center was established in December, 1946, by the Veterans Administration, Regional Office, Houston, Texas. The Center is designed to help to rehabilitate the veteran and to assist him in selecting a vocational objective. Through a series of tests, the Center attempts to ascertain the abilities, aptitudes, interests, and experiences of the veterans. The Chief of the Center uses the data obtained from the test as one of the bases for advisement. Veterans seeking the services of the Guidance Center should write Mr. Lee E. Perkins, Chief of the Guidance Center.

Enrollment

REGULAR SESSION — 1946-47

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

SYMBOLS: 1—Freshman, 2—Sophomore; 3—Junior, 4—Senior; Spec.—Special; Uncl.—Unclassified; Grad.—Graduate Study.

ATTENDANCE: (1) Indicates that students attended first semester only. (2) Indicates that students attended second semester only.

Classification shown as of September, 1946, for students first semester, as of February, 1947 for students attending second semester only or both semesters.

Name	City or Town	Name	City or Town
(2) Abernathy, Robert O.; A. & S.-3	Dallas	Arnold, Walter; M. A.-2	Mexia
Abernethy, Ruby O.; H. E.-Grad.	Houston	Arps, Earine; H. E.-1	Tyler
Abrams, Larry C.; Ag.-4	Bastrop	Avery, Gloris; A. & S.-2	Cuero
Ackerman, Bennie G.;		Avington, Louise; M. A.-2	Kilgore
A. & S.-Grad	Fort Worth	(1) Austin, Nelson; A. & S.-2	Waco
Adams, A. Z.; A. & S.-1	Jasper	Ayers, Alvin M.; M. A.-2	Houston
Adams, Alyce Marie;		(1) Aytes, Melvina; A. & S.-1	Tyler
N. E.-4	Jefferson	Bacy, Lillian; N. E.-1	Rockdale
Adams, Dorothy J.; A. & S.-1	Houston	Bagley, Julia Jane; A. & S.-2	Ft. Worth
Adams, Fred E.; A. & S.-4	L. A., Calif.	Bailey, Louis Justin; H. E.-3	Houston
Adams, Harold; A. & S.-1	Beaumont	Baker, Doris Elmira; A. & S.-4	Dallas
(1) Adams, Kathleen;		Baker, Helen Claire;	
H. E.-2	Troup	A. & S.-2	Port Arthur
Adams, Jewel P.; A. & S.-3	Houston	Baker, Helen Marie; N. E.-2	Dallas
Akins, Rose Mary; A. & S.-4	Ft. Worth	Baker, Nolan; A. & S.-4	Beaumont
Alexander, Aaron C.;		Baker, Vernon Lee; A. & S.-2	Cold Springs
M. A.-4	San Antonio	Baker, Warren Vance; A. & S.-3	Bremond
Alexander, Alonzo; M. A.-1	Taylor	Baldwin, Berlyn Jean; H. E.-2	Dayton
Alexander, Arthur; Ag.1	Oakwood	Baldwin, Nellie Pearl; A. & S.-3	Houston
Alexander, Artelia; H. E.-4	Temple	Balfour, Hattie L.; H. E.-4	Houston
Alexander, Ben A.; A. & S.-2	Corsicana	Bargley, Horace; A. & S.-3	San Angelo
Alexander, David; Ag.-1	Oakwood	Barlow, Sadie Ruth; H. E.-3	Woodville
Alexander, Louise L.; M. A.-3	Corsicana	Barlow, Woodrus; Ag.-2	Woodville
Alexander, Martha; H. E.-2	El Campo	Barnes, Joe Samuel; A. & S.-1	Beaumont
Alexander, Ollie B.; A. & S.-1	Oakwood	Barrens, Clarence G.;	
Alexander, Pearlle B.; H. E.-3	Traup	A. & S.-1	Tulsa, Okla.
Alexander, Raymond; A. & S.-4	Dallas	Barrens, Grady E., Jr.;	
(1) Alexander, Richard;		A. & S.-1	Tulsa, Okla.
A. & S.-1	Oakwood	Barrett, Dorthine; A. & S.-2	Palestine
Alexander, Venola; H. E.-3	Oakwood	Barrett, Sylvester; A. & S.-4	Palestine
(1) Allen, Davis; Ag.-4	Bryan	(1) Barrett, Wheeler;	
(2) Allen, Henry; M. A.-3	Austin	M. A.-1	Longview
Allen, Richard; M. A.-1	Montgomery	Baugh, George; M. A.-1	W. Columbia
Allen, Rosie Lee; H. E.-4	Texarkana	Batie, Nannie; A. & S.-3	Dallas
Allen, Ulysses; Ag.-1	Linden	Baugh, Lillian Faye;	
Amey, Thomas; Ag.-3	Bay City	A. & S.-3	West Columbia
Amie, E. P.; A. & S.-1	Houston	(1) Beal, Herbert;	
Anderson, Alvin; A. & S.-1	Tyler	M. A.-Spec.	Hempstead
Anderson, Doris I.; H. E.-3	Sealy	Bearden, Bertha;	
Anderson, George H.; Ag.-3	Cuera	A. & S.-4	Jackson, Miss.
Anderson, Garner; Ag.-4	Seguin	Beasley, Horace; M. A.-2	Athens
Anderson, Huretta; A. & S.-2	Sealy	Beasley, Tommy; A. & S.-1	Athens
Anderson, James W.; Ag.-4	Longview	Bell, John Allen; M. A.-1	Marshall
(1) Anderson, Oliver;		Bell, Billie D.; A. & S.-Spec.	Denton
M. A.-Spec.	Bryan	(1) Bell, Dorothy; H. E.-1	Denton
Anderson, Ottman O.; H. E.-3	Sealy	Bell, John Allen Sr.; Ag.-4	Longview
Anderson, Roscoe L.;		Bell, Lett Etta; A. & S.-3	Houston
M. A.-Spec.	Pittsburg	Bell, Louvenia; H. E.-4	Dallas
Anderson, Willie; A. & S.-3	Cameron	Bell, Marcellus Jr.; M. A.-1	Denton
Antoine, Gertie M.; H. E.-3	Liberty	Bell, Rosetta Corene; A. & S.-1	Denton
Arnig, Athaniel D.;		Bell, Ulysses; M. A.-	Denison
Ag.-Uncl.	Dale	Bell, Willie James;	
		M. A.-Spec.	Smithville

Name	City or Town	Name	City or Town
Beller, Gladys O.; H. E.-2	Conroe	Brigham, Rubie D.; H. E.-4	Greenville
Bennett, James D.; Ag.-4	Groveton	Brigham, Thaddeus B.; Ag.-2	Linden
(2) Benson, Jean K.; A. & S.-1	San Antonio	Bright, Dorothy M.; A. & S.-1	San Antonio
(1) Benson, Lenora; A. & S.-2	Calvert	Bright-Davies, E. M.; A. & S.-3	Galveston
Berry, Ollie B.; H. E.-2	Marshall	Briscoe, Sam; A. & S.-2	Dallas
(1) Berry, Perry Lee; Ag.-4	Chapel Hill	(2) Britton, Lawrence; Ag-3	Dallas
Berry, Theopolis; M. A.-1	Crockett	Britt, Sam; M. A.-Spec.	Waxahachie
Beverly, Chester A.; M. A.-1	Houston	Britton, Jerolyn M.; A. & S.-1	Trinity
Beverly, Marie Y.; A. & S.-4	Pt. Arthur	Broadus, Lester G.; A. & S.-2	Denton
Bias; James Louis; A. & S.-4	Beaumont	Brookins, Pauline; A. & S.-3	Dallas
Bigsby, Edwin M.; A. & S.-2	Brenham	Brooks, Helen R.; A. & S.-2	Texarkana
Bilton, Dorothy Mae; A. & S.-2	Flatonia	Brooks, Joannie; A. & S.-4	Belton
Bilton, Harry Jr.; Ag.-1	San Antonio	(2) Brooks, Mart A.; Ag.-2	Waco
Black, Bernard; Ag.-1	Carthage	Brooks, Phillip S.; A. & S.-3	Dallas
Black, Joyce C.; N. E.-1	Ennis	Brooks, Ruth Ella;	Houston
Black, Faustine E.; A. & S.-4	Carthage	(1) Brown, Clementine; A. & S.-Grad.	Hempstead
Black, Paynetta; H. E.-1	Grapeland	Brown, Connie Mack; A. & S.-2	Brenham
Black, Lennie Dell; H. E.-1	Grapeland	Brown, Doris Mae; H. E.-2	Cuero
Black, Zenobia; H. E.-4	Carthage	Brown, Esther L.; A. & S.-2	Waco
Blackman, Queen E.; A. & S.-2	Chapel H.	Brown, Eugene E.; Ag.-4	San Marcos
Blanton, George; A. & S.-3	San Angelo	Brown, Iola L.; H. E.-4	Galveston
(1) Blanton, Richard; A. & S.-2	San Angelo	Brown, Hallie Que.; A. & S.-3	El Dorado, Kan.
Blount, Rose Ella; H. E.-4	Jasper	Brown, Joe Lee; A. & S.-4	Temple
Blocker, Wilmer Lee; H. E.-4	Franklin	Brown, Jimmie W.; Ag-1	Traup
Blue, Gazetta; H. E.-2	Ennis	Brown, Juanita; A. & S.-1	Traup
Bolden, Will R.; A. & S.-4	Houston	Brown, Kathryn Kay; A. & S.-1	Carthage
Bogan, Lee O.; M. A.-Spec.	Wichita Falls	Brown, Key Athis; A. & S.-3	Houston
Bolton, Ruth Elma; A. & S.-2	Center	Brown, Leo James; A. & S.-1	San Antonio
Boney, Jew Don; Ag.-3	Rockdale	Brown, Leon W.; A. & S.-2	Victoria
Booker, Dorothy M.; A. & S.-1	Ft. Worth	Brown, Lillian; H. E.-2	Houston
Booker, Ruthie M.; N. E.-4	Columbus	Brown, Lillian M.; A. & S.-4	Houston
Booker, Willie Jewell; H. E.-1	Huntsville	Brown, Marvis; A. & S.-2	Cuero
Boone, Francis M.; N. E.-1	Wharton	Brown, Mose L.; A. & S.-1	San Marcos
Boson, Edna Earl; H. E.-4	Hempstead	Brown, Naomi Glenda; N. E.-3	Tyler
(1) Bourgeois, Jerodine; A. & S.-3	Richmond, Va.	Brown, Mildred B.; A. & S.-4	Houston
Bowen, Venora B.; H. E.-2	Wharton	Brown, Thelma D.; A. & S.-1	Bay City
Bowens, Alfred L.; A. & S.-3	Dallas	Brown, Thelma L.; H. E.-2	Bay City
Bowens, Jessie M.; A. & S.-2	Dallas	Brown, Tommis L.; A. & S.-1	Bay City
Bowers, John H.; A. & S.-3	Houston	Brown, Wayne A.; A. & S.-Grad.	Newton
Bowman, W. D.; M. A.-Spec.	Normangee	(1) Brown, Willie E.;	Calvert
Boyer, Jacob; Ag.-Grad.	Pt. Arthur	Brown, Willifred; H. E.-2	La Grange
(1) Brackens, Brown Lee; Ag.-4	San Antonio	Brown, Reginald O.; A. & S.-Grad.	Palestine
Bradford, Gloria K.; A. & S.-2	Houston	(1) Brown, Roland H.; A. & S.-1	Houston
Bradford, Pauline E.; H. E.	Dallas	Bryant, Dorothy M.; H. E.-4	Houston
Bradford, Thomas H.; Ag.-3	Oklahoma City, O.	Bryant, Gladys; H. E.-3	Elgin
Bradley, James; M. A.-2	Corpus Christi	(1) Bryant, Henry T.; M. A.-Spec.	Dallas
Bradley, Jeraldine; A. & S.-1	Orange	Buchanan, Cleopatra; A. & S.-Grad.	Prairie View
Bradley, Mable; A. & S.-Grad.	Prairie View	Buckley, Buby L.; H. E.-1	Naples
Bradley, Rosemary L.; A. & S.-2	Prairie View	Buford, Annie Laura; H. E.-3	Naples
(2) Bradshaw, Bertha; A. & S.-1	Giddings	(1) Burley, Dorothy; A. & S.-2	Greenville
Brailsford, Alfred H.; A. & S.-1	Burkeville	Burford, Ila C.; A. & S.-3	Naples
Brailsford, Artie Mae; H. E.-3	Burkeville	Burleson, Lena Bell; A. & S.-1	San Marcos
Branch, Athon O.; M. A.-1	Pt. Arthur	Burnin, Arzo; Ag.-4	Nacogdoches
Branch, Corliss F.; M. A.-1	Pt. Arthur	Burnim, Margaret; H. E.-3	Nacogdoches
Branch, Selma L.; N. E.-1	Huntsville	(1) Burns, Addie L.; A. & S.-1	Cladwell
Bratcher, Aubrey I.; Ag.-4	East Bernard	Burrell, Fred D.; Ag.-1	Wellborn
Brawley, Bernice O.; H. E.-4	Marlin	Burrell, Iva M.; H. E.-2	Wellborn
Brawley, Johnnie D.; H. E.-4	Marlin	Burns, Andrew J.; Ag-Grad.	Prairie View
Breeding, Fedelus D.; M. A.-Grad.	La Grange	Burton, John C.; M. A.-4	Corpus Christi
Breedlove, Gerald R.; H. E.-2	Houston	Burton, Sammie; M. A.-1	Denison
Bridges, Mildred; N. E.-1	Houston	Burton, Curtis B.; M.A.-1	Denison
Briggs, Virgie Lee; H. E.-2	China	Butler, Dolores; A. & S.-1	Walders
		(2) Butler, Howard; A&S-2	Carthage
		Butler, Pauline C.; N.E.-4	Denison
		Byrd, Grover C.; Ag-3	Crockett
		Byrd, Lucille; A&S-2	Nacogdoches
		Cade, John; Ag-4	Jasper
		(1) Caldwell, Booker T.; Ag-4	Neches

Name	City or Town	Name	City or Town
Caldwell, Janet M.; A&S-4	Neches	Collins, Nathaniel; Ag-1	Naples
Caldwell, Vander Lee; H. E.-4	Hitchcock	Collins, Samuel R.; M.A.-2	Port Arthur
Callalan, Barney; M. A.-Spec.	Groveton	Collins, Nolvla J.; A&S-4	Ponta
Calhoun, Joe C.; A&S-1	Wiergate	Collins, Timothy, Jr.; M.A.-Spec.	Ponta
Cambric, Percy; M.A.-1	Hempstead	Connally, Norman; Ag-2	Omaha
Cameron, Mae Francis; H.E.-2	Overton	Cook, Charles W.; A&S-3	San Antonio
Campbell, Burley; A&S-1	Brazoria	Cooper, John E.; A&S-1	McKinney
Campbell, J. B.; Ag-1	Trinity	Cooper, Johnny C.; Ag-1	Burleson
Caraway, Eulalia; A&S-4	Teneha	(1) Cooper, Ruby Lee; A&S-2	Beverly
Carothers, Joe Etta; A&S-2	Bay City	Coss, Robert W.; Ag-Grad	Lanerville
Carothers, Lewis; A&S-2	Bay City	(1) Corley, Frank	Luling
Carpenter, Georgia M.; A&S-4	Hawkins	Cotton, Johnnie Mae; H.E.-2	Conroe
Carr, Louise; H. E.-1	Beaumont	Countee, Doris R.; A&S-4	Houston
Carr, Wilburn C.; A&S-4	Bells	Craddock, Ina P.; A.&S.	Mt. Pleasant
Carreathers, Jaunita;		Craft, Reba; H.E.-4	Hartwell, Ga.
A&S-4	Kansas City, Mo.	Crawford, Geneva D.; A.&S.-1	Hempstead
Carrier, Roy; A&S-1	Houston	(2) Crawford, Morris; Ag-4	Texarkana
Carrington, Dorothy; A&S-4	Dallas	Crawford, Therman C.; Ag-1	Palestine
Carroll, Christella; A&S-4	Corsicana	Crawford, Verda Mae; A.&S.-4	Bessmay
Carroll, Herbert H.; M.A.-2	Buffalo	Crear, Clyde; M.A.-1	Frankston
Carroll, Lurline; A&S-3	Buffalo	Crear, John R.; A.&S.-4	Houston
Carroll, Mamma O.; A&S-4	Waco	Crain, Maurice L.; A.&S.-2	Dallas
Carroll, Vernice; N.E.-3	Richland	Crosby, Bobbye Raye; H.E.-3	Longview
Carruth, Willie H.; A&S-2	Oakland, Cal.	Crosby, Willie James; Ag-1	Prairie View
Carter, Mary A.; N.E.-1	San Antonio	Crow, Henry A.; Ag-Grad.	James
Carter, Audrey; H.E.-1	Fairfield	Cross, Clifford E.; A.&S.-2	Nacogdoches
Carter, I. B.; Ag-4	Daingerfield	Crowder, Cleon; M.A.-1	Pittsburg
Carter, Joel H.; M.A.-1	Columbus	Crunk, Arthur Marie; A.&S.-2	San Marcos
Carter, Lois Lorine; H.E.-2	Port Arthur	Crumpton, Beatrice; H.E.-3	Flint
Carter, Otis Evelyn; H.E.-2	Columbia	Culberson, Artemesia; H.E.-2	Wortham
Cavil, Jafus Pitt; A&S-4	Belton	Cullors, Floyd; A.&S.-1	Longview
Chambers, Herbert; A&S-2	Dallas	Cummings, Marshall; M.A.-Spec.	Rockdale
Chambers, Willie P.; A&S-	Dallas	(1) Cunningham, Howard	Tyler
Charlton, Lee E.; E-Agric-2	Lufkin	(1) Curl, Kenneth; A.&S.-4	Nacogdoches
Chandler, Walter Lee; A&S-2	Brownwood	Curry, Bishop B.; Ag-2	Texarkana
Chatman, Helen; M.A.	Hallsville	Curvey, Olevia H.; A.&S.-2	Augusta
Channel, Loralet;		Dabbs, Claude O.; A.&S.-1	Dallas
A&S-2	San Francisco, Cal.	Dade, Cornell M.; M.A.-1	Los Angeles, Cal.
Chapple, Serelia; A&S-2	Giddings	Daniels, Bledsoe; Ag-	Hallasville
Charleston, Annie E.; A&S-3	San Antonio	Daniels, Floyd H.; Ag-2	Ennis
Charleston, Pearl L.; H.E.-2	Victoria	Daniels, George, Jr.; A.&S.-1	Baytown
Chew, Jewel Faye; A&S-1	Bremont	Daniels, Geraldine;	
Christoff, Sara Ann; H.E.-2	Beaumont	H.E.-2	Los Angeles, Cal.
(2) Charlton, Viola G.; H.E.-4	Lufkin	Daniels, Ruby; N.E.-1	Greenville
Christopher, Claude; A&S-1	Jacksonville	Darden, Evelyn; A.&S.-1	Chester
Christopher, Clyde; A&S-1	Jacksonville	David, Helen; A.&S.-4	Beaumont
Churchill, Deloris; A&S-3	Leggett	Davis, Lawrence; A.&S.-2	Houston
(1) Clark, Otis	Dallas	Davis, Alice P.; A.&S.-3	Lufkin
Clark, Cloceal; H.E.-4	Prairie View	Davis, Charlie, Jr.; M.A.-1	Seguin
Clark, Jessie B.; A&S-1	Prairie View	(1) Davis, Elmer; M.A.-Spec.	Houston
Clark, Selena Ruth; A&S-3	Houston	Davis, Esel Marie; H.E.-2	Conroe
Clark, Elouise; M.A.-4	Houston	Davis, Emma L.; A.&S.-3	Dallas
Clay, Matthew; M.A.-1	Beaumont	Davis, Eural N.; Ag-2	Rockdale
(1) Clay, Donnell; M.A.-2	Houston	Davis, Joseph H.; A.&S.-2	Dallas
Clay, Willie Mae; A&S-2	Henderson	Davis, Lorene; A.&S.-2	Bowie
Clayborn, Esther G.; A&S-2	Forney	Davis, Lucious E.; Ag-2	Hempstead
Claye, Vera Marie; H.E.-2	Brenham	Davis, Margie Bell; A.&S.-3	Kilgore
Cleaver, Clestine L.; H.E.-2	Prairie View	Davis, Melvin S.; A.&S.-2	Jeanerette, La.
(1) Clough, Lavada; H.E.-2	Huntsville	Davis, William; M.A.-4	Carthage
Clifton, Ruth L.; A&S-3	Beaumont	Davis, Merlene L.; A.&S.-2	Longview
Cleaver, Leroy; A&S-4	Waxachachie	Davis, Rose Marie; A.&S.-4	Yoakum
Clouser, Margaret E.; H.E.-3	Galveston	Davis, Thelma L.; A.&S.-3	West Columbia
Cobb, Allie B.; A&S-2	Houston	Davis, Theodore; Ag-	Yoakum
(1) Cogdell, Elizabeth; A&S-2	Gonzales	Davis, Willie Lee; A.&S.-2	Fort Worth
Coit, Clifford; A&S-1	Athens	Davis, Willie R.; M.A.-1	Hempstead
Colbert, A. C.; M.A.-2	Linden	Dawson, Alton N.; Ag-3	Bivines
Colbert, Walter R.; A&S-1	Corpus Christi	Dawson, Delbert H.; A.&S.-1	Wharton
Cole, Helen L.; A&S-4	Arp	Dawson, Maurice A.; M.A.-1	Waco
Cole, Jessie F.; Ag-1	Arp	Dawson, Ruth J.; H.E.-4	Wortham
Coleman, Curon; M.A.-2	Longview	Day, Norene L.; H.E.-3	Los Angeles, Cal.
Coleman, John; Ag-2	Corsicana	Deadrick, Agnes L.; H.E.-2	Pelorios
Coleman, Leola M.; H.E.-4	Caldwell	Deadrick, Charles H.; Ag-1	Pelorios
Coleman, Mary F.; A&S-4	Denison	Debose, J. B.; A.&S.-1	Navasota
Coleman, Willie M.; H.E.-1	Yoakum	Debose, Lowell Verna; M.A.-1	Navasota
Collier, Alma M.; H.E.-	Caldwell	DeJean, Audrey M.; A.&S.-2	Port Arthur
Collier, Doretha L.; A&S-2	Fort Worth		

Name	City or Town
Collins, Limone C.; A.&S-4	Gonzales
Collins, Louise M.; A.&S-3	Houston
DeJean, Mary L.; A.&S.-3	Port Arthur
DeLemar, Grace Bell; A.&S.-1	Overton
Denmore, Cary A.; Ag.-3	Elkhart
Derry, Dolphus; Ag.-4	Waller
Devereaux, Dorothy B.; N.E.-3	Baytown
(2) Dial, James Q.; Ag.-3	Palestine
Devereaux, Erma Lee; H.E.-3	Baytown
Dibrell, Anthony W.; M.A.-1	San Antonio
Dickens, Horathel; M.A.-3	Houston
Dickerson, Harvey; A.&S.-4	Houston
Dickerson, Marguerite; A.&S.-3	Arp
Dickson, Estelle; A.&S.-4	Waco
Dickson, Mathes D.; M.A.-4	Peoria, Ill.
Dickson, Pearlina; A.&S.-2	Waco
(2) Dibble, John H.; M.A.-2	Temple
Dillard, Vela C.; H.E.-2	Kendleton
Dillard, Ward, Jr.; Ag.-2	Brenham
Dixon, Simon; Ag.-1	San Antonio
Donaldson, Charles O.; M.A.-2	Waco
Donaldson, Ector, Jr.; M.A.-Spec.	Gilmer
Dorsey, Allene V.; A.&S.-1	Hempstead
Dorsey, Edna Mae; A.&S.-2	Port Arthur
Dorsey, Ora V.; H.E.-3	Palestine
Dorsey, Thurman E.; Ag.-2	Risel
Dotsan, James B.; A.&S.-2	Sealy
Dow, Gladys A.; A.&S.-4	Bivens
Downs, Charles F.; A.&S.-4	Detroit, Mich.
Drake, Marjorie; N.E.-4	Waco
Drisdale, Louis E.; M.A.-Spec.	Smithville
Drisdale, Nettie; N.E.-1	West Point
Drummer Elsworth; A.&S.-2	San Antonio
Drummond, Charles F.; M.A.-1	Fairfield, Ala.
Dukes, Gloria H.; H.E.-3	Oklahoma City, Okla.
Duncan, Alvera E.; A.&S.-4	Smithville
Duncan, Willie Ethel; A.&S.-2	San Antonio
(1) Dun'ap, Cecelia H.; A.&S.-3	San Antonio
Dunn, Mable Lee; H.E.-2	Hearne
Durten, Willie Marie; A.&S.-2	Taylor
Dyes, Raymond; Ag.-1	Queen City
Eaden, Dorothy Mae; A.&S.-3	Houston
Eames, Ida Mae; N.E. Grad.	Baton Rouge, La.
(1) Eaton, Ethel Mae; H.E.-4	College Station
Ecton, Nella Mae; A.&S.-2	Dallas
Edmundson, Birdie L.; A.&S.-3	Navasota
Edwards, Helen G.; N.E.-2	Galveston
Edwards, Labe T.; Ah.-Spec.	Palestine
Edwards, Maudell; H.E.-4	Fort Worth
(1) Edwards, Willie L.; A.&S.-1	Dallas
Elder, Richard James; A.&S.-1	Austin
Elgin, Irene E.; A.&S.-2	Elgin
Ells, Gloria Lee; A.&S.-4	Beaumont
Elmore, Doris Marie; A.&S.-2	Cold Springs
Elmore, Herbert J.; A.&S.-2	Cold Springs
Elzy, Willie B.; A.&S.-1	Houston
Emanuel, Jimmie Lee; Ag.-1	Dallas
Emery, George E.; M.A.-4	Austin
Emory, Mary; A.&S.-1	Honey Grove
English, Faye L.; A.&S.-1	Marlin
English, Leon G.; A.-4	Waxachachia
Escoe, Edward E.; M.A.-1	Denton
Evans, Edwards; A.&S-Grad.	Prairie View
Evans, Jerlene; M.A.-3	Houston
Everett, Marie E.; H.E.-4	Sherman
Ewell, Yvonne A.; A.&S.-4	Frankston
Fair, Jesse E., Jr.; A.&S.-3	Houston
Farris, Charlye O.; A.&S.-3	Mexia
Farris, William M.; M.A.-4	Denison
Fedford, Ezola E.; A.&S.-3	Galveston
Fielder, Robert C.; H.E.-2	Washington
Ferguson, Annie B.; A.&S.-1	Overton
(2) Ferguson, James D.; A.&S.-3	Chicago, Ill.
Fifer, Lee Jack; A.&S.-4	Kerrville
Fisher, Beulah F.; H.E.-2	Waco
(1) Fisher, Evelyn; A.&S.-4	Huntsville
Fitzgerald, Shirley; N.E.-1	Port Lavaca
Fitzgerald, Willie; Ag.-4	Allegton
Flannell, Higgins; M.A.-1	Bay City
Flemmings, Annie B.; A.&S.-1	Rockdale
Fletcher, Thelma M.; A.&S.-1	Bay City
Flowers, Tommie Lee; M.A.-1	Corsicana
Floyd, Hortense C.; A.&S.-3	Houston
Fluellen, George B.; A.&S.-2	Greenville
Fluellen, Jesse; Ag.-4	Brenham
Ford, Eugene; M.A.-4	El Paso
Ford, Freddie; Ag.-1	Jefferson
Ford, Leander; A.&S.-2	El Paso
Ford, Leona E.; A.&S.-2	El Paso
Ford, Ray D.; A.&S.-3	Prairie View
Fortune, Johnnie V. D.; A.&S.-4	Alameda, Cal.
Fodton, Arthur Lee; M.A.-2	Needville
Foster, Carrie Fae; H.E.-3	Dallas
Fox, Onis Venita; H.E.-2	Denton
Franklin, Curtis U.; A.&S.-2	Denison
(1) Franklin, Hannah Lois; A.&S.-3	Henderson
Franklin, Vera Lee; H.E.-1	Troup
(1) Franklin, Marion E.; Ag.-3	Henderson
Frazier, Dordey Jean; A.&S.-3	Kirvin
Frazier, Maud, Jr.; Ag.-3	Woodville
Frazier, Sammie Lee; Ag.-2	Calvert
Frazier, Tommy Lee; Ag.-3	Zavalla
Freeman, Bogie Lee; A.&S.-1	Hempstead
Freeman, Gloria; H.E.-4	Palestine
Freeman, John Lane; Ag.-1	Coolidge
Freeman, Lena Yvonne; A.&S.-1	Mexia
(1) Freeman, Mary L.; A.&S.-1	Liberty
Fullbright, Eura L.; H.E.-1	Paris
Gamble, Audrey Lee; A.&S.-3	Hearne
Gamble, William B.; A.&S.-3	Houston
Gardner, Annie Mae; A.&S.-2	Wharton
Gardner, Bessie Mae; A.&S.-2	Wharton
(1) Gardner, Charlie; Ag.-3	Brenham
Garmond, Ruby Lee; H.E.-3	Houston
Garrett, Calvin; M.A.-1	Damon
Garrett, Willie L.; A.&S.-1	Broadus
Garnett, Ervin; A.&S.-1	Fort Worth
Gearin, Eddie Lee; A.&S.-4	St. Louis, Mo.
Gee, Selton; H.E.-3	Tyler
Gee, Vivian E.; A.&S.-1	Tyler
Gerald, Doloris Faye; H.E.-4	Prairie View
Gerald, William R.; A.&S.-3	Prairie View
(1) Geters, Rosie Lee; A.&S.-2	Hitchcock
Gibbs, James O.; M.A.-1	Gilmer
Gibson, Louis Edna; A.&S.-2	Calvert
Gibson, Plex; A.&S.-1	Calvert
Giles, Ira; M.A.-1	Van Vleck
Giles, Leon G.; A.&S.-1	Texas City
Giles, Marcellus L.; Ag.-1	Schulenburg
Giles, Russell Lowell; A.&S.-1	Yoakum
Gipson, Andric; M.A.-2	Cameron
(2) Glass, Sally Mae; A.&S.-1	Dallas
Gooden, Lillian S.; A.&S.-4	Houston
Goff, Magdalene; H.E.-3	Buckholts
Gooden, Robert P.; Ag.-3	Madisonville
Gooden, Winold C.; H.E.-2	Beaumont
Goodwyn, Norman H.; M.A.-1	Center
Goven, Shannon R.; Ag.-Grad.	Lincoln
Grady, William; M.A.-4	Houston
Grandison, Francis; A.&S.-2	Richmond, Va.
Graham, Van Thomas; A.&S.-3	Waxahachie
Grant, Boston; A.&S.-1	San Marcos
Grant, Harvel L.; Ag.-4	Longview

Name	City or Town	Name	City or Town
Graves, Clovis C.; A.&S.-3	Paris	Hearn, Mable,	
Graves, Raymond; A.&S.-1	Brenham	A.&S.-3	Oklahoma City, Okla.
Gray, Howard P.; Ag.-4	Navasota	Henderson, Lavaniel; Agric.-2	Washington
(1) Gray, Wilmer, Jr.; A.&S.-1	Dallas	Henderson, Luria R.; M.A.-3	Austin
Grays, Zack; Ag.-3	Bryan	Henderson, Raymond; M.A.-3	Marlin
Green, Cora Louise; A.&S.-1	Bastrop	Henderson, Robert; Agric.-2	Houston
Green, Gladys B.; H.E.-4	Cameron	Henry, Istria I.; A.&S.-4	Eagle Lake
(2) Green, Lige D.; M.A.-4	Port Arthur	Henley, Van Top; M.A.-2	Waco
Greer, Walter; M.A.-3	Center	Henry, Edgar G.; A.&S.-Grad.	Prairie View
Greenwell, William C.;		Henry, Willie Ella; H.E.-3	Waelder
M.A.-2	Fort Worth	Hewitt, Lessie Mae; H.E.-3	Calvert
Gregory, George N.; Ag.-1	Hempstead	Hicks, Hattie; H.E.	Houston
Greggs, Vivian L.; A.&S.-4	Dallas	Hicks, Lois; H.E.-4	Dallas
Griffin, Verdin; A.&S.-2	Calvert	Higgins, Robert L.; M.A.-Spec.	Jewett
Grounds, Jackie; M.A.-Spec.	Brenham	Hightower, Irene; A.&S.-2	Shiro
Grundy, Mozelle J.; A.&S.-1	Wichita Falls	Hightower, Rosalie; A.&S.-4	Ft. Worth
Hackett, Marion; A.&S.-3	Victoria	Hights, Geneva; H.E.-2	Minerva
Haley, Augustine V.; A.&S.-2	Houston	(1) Hill, Alfred, Jr.; Agric.-4	Henderson
Hall, Doris Jean; A.&S.-1	Ennis	Hill, Booker T.; Agric.-4	Henderson
Hall, Everett; M.A.-1	Big Sandy	Hill, Irma U.; A.&S.-3	Jasper
Hall, Harold; A.&S.-4	Prairie View	Hill, Joe C.; Agric.-4	Pittsburg
Hall, Howard D.; A.&S.-4	Angleton	Hill, Marie I.; A.&S.-4	Jasper
Hall, James; Ag.-1	Marietta	Hill, Morrison; Agric.-3	Henderson
Hall, Melba L.; A.&S.-2	Corpus Christi	Hill, Sammie Lee; Agric.-4	Pittsburg
Hall, Peltie D.; N.E.-2	Mount Enterprise	Hillyer, Lillie M.; A.&S.-1	Gollad
Hamilton, Freddie M.; H.E.-1	Beaumont	Hines, Allen J.; M.A.-1	Beaumont
Hamilton, General E.;		Hines, Jean L.; H.E.-1	Houston
A.&S.-Grad.	San Marcos	Hobby, Clinton D.; Agric.-3	Greenville
Hamilton, Jessie D.; A.&S.-3	Houston	Hodges, William A.; M.A.	San Antonio
Hampton, Herbert S.; A.&S.-3	Houston	(1) Hollins, Augustin; H.E.	Dallas
Handy, Irma Lee; A.&S.-3	Houston	Holloway, L. B.; M.A.-Spec.	De Kalb
Harnsberry, Hezekiah; A.&S.-1	Bryan	(1) Hollins, Clarence; M.A.-Spec.	Hearne
Hansboro, Odis L.;		Holeman, Clarence; A.&S.-4	Wichita Falls
M.A.-Spec.	Wichita Falls	Holt, Annie B.; H.E.-1	Lindale
Hardeman, Cahester; M.A.-Spec.	Dallas	Holt, Dorothy Mae; H.E.-2	Galveston
Hardeman, Luella; A.&S.-2	Sealy	Hopkins, Andrew J.; Agric.-4	Crockett
(2) Harden, Harold; A.&S.-3	Dallas	Hopkins, Jeanette; M.A.-1	Bremond
Harden, Lottie; H.E.-2	Nacogdoches	Hopkins, Thelma G.; H.E.-3	Beeville
Hardie, Alice Mae; A.&S.-1	Athens	Horace, Eulalia; A.&S.-1	Groveton
Hardeman, Eddie M.; H.E.-3	Cooleridge	Hoskins, Blossie T.; A.&S.-4	Fostoria
Harkless, Jimmie L.; M.A.-Spec.	Berkhille	Houston, Ross A.; M.A.-Spec.	Bastrop
Harlon, Vela B.; H.E.-1	Cameron	Howard, Joyce Lee; A.&S.-4	Lubbock
Harmon, Amanda G.; H.E.-4	Raxton	Howard, Leatrice; A.&S.-3	Willow Springs
Harmon, Marcellus; A.&S.-2	Cameron	Howard, Leroy; M.A.-1	Fort Worth
Harold, Alzonla L.; A.&S.-2	Houston	Howard, Sheryl A.; A.&S.-2	Denison
Harrell, Allen L., II; M.A.-1	Elgin	Hubert, Earline; A.&S.-1	Camden
Harris, Alton D.; Ag.-4	Houston	Hubert, Johnnie B.; A.&S.-4	Camden
Harris, Clarence E.; M.A.-2	Huntsville	Huckaby, Bernadine; Agric.-3	Buffalo
Harris, Emma Lee; H.E.-3	Gary	Huckaby, Norman; A.&S.-2	Houston
Harris, Harriet B.; H.E.-4	Bay City	Hudson, Ida Mae; H.E.-1	Carthage
Harris, Herbert; A.&S.-2	Columbus	Hudson, Nelva J.; A.&S.-4	Carthage
Harris, James D.; Ag.-1	Jacksonville	Hudspeth, R. C.; M.A.-1	Hempstead
Harris, James D.; Ag.-4	Italy	Huff, Lonnie R.; Agric.-2	McFaddin
Harris, Margwyn S.; A.&S.-4	Columbus	Hughes, Robert; A.&S.-3	Brenham
(2) Harris, Maxine; A.&S.-Spec.	Columbus	Hughley, Doris Raye; A.&S.-2	Point Blank
Harrison, Ray Alfred; Ag.-2	Luling	Humphrey, Charlotte; A.&S.-4	Fort Worth
(1) Harris, Vera B.; A.&S.-4	Belton	(2) Hunt, Alexander; A.&S.-4	Corpus Christi
Harrison, Leon Martin; A.&S.-1	Bettton	Hunt, Willie Mae; H.E.-3	Houston
Harrison, L ^o s ⁱ e C.; A.&S.-1	Beaumont	Hunter, Blynthia; A.&S.-2	Fort Worth
Harrison, Meatria; H.E.-1	Luling	Hunter, Cornelius; Agric.-1	Frankston
Harrison, Richard W.;		Hunter, Emma Lee; A.&S.-3	Pampa
A.&S.-Grad.	Beaumont	Huntsman, Roy E.; M.A.-2	Kosse
Harrison, Thelma; H.E.-4	Port Arthur	Jackson, Flora Mae; H.E.-1	Bryan
Harrison, Thomas I.; A.&S.-1	Beaumont	Hutchins, Mary K.; H.E.-3	Longview
Hartsfield, Roselle;		Hutchinson, Vonza; A.&S.-Spec.	Dallas
A.&S.-1	Nashville, Tenn.	Issac, Coydell E.; M.A.-3	Dallas
Hauntz, Willie Bess; A.&S.-1	Wharton	Ivy, R. D.; M.A.-1	Dallas
Hawkins, Hazel, Y.; M.A.-2	Calvert	(1) Jackson, Andrew; A.&S.-1	Cameron
Hawkins, Wilhelmina;		Jackson, Badie L.; N.E.-3	Wharton
H.E.-2	Los Angeles, Cal.	Jackson, Carl M.; Agric.-1	Rosenburg
Hayes, Luella M.; A.&S.-2	Galveston	Jackson, Clarence H.; A.&S.-3	Pittsburg
Haynes, Samuel; A.&S.-4	Denton	(1) Jackson, Earl	
Haynes, Wilson; M.A.-2	Jewett	Jackson, Ellis Lee; Agric.-2	Bremond
Hazley, Willie Mae; A.&S.-2	Houston	Jackson, Glan Dora; A.&S.-1	Ennis
Heard, Isiah H.; A.&S.-2	Bloomington	Jackson, Herbert L.; M.A.-1	Midway
Heard, Paris E.; Agric.-2	Cameron	Jackson, James C.; Agric.-4	Bay City

Name	City or Town	Name	City or Town
Jackson, James F.; A.&S.-4	San Antonio	Jones, Erenestine; H.E.-3	Jacksonville
Jackson, John H.; M.A.-1	Bay City	Jones, Florence; A.&S.-3	Houston
Jackson, Josephine; N.E.-4	Hempstead	Jones, Gaylon M.; M.A.-1	Cuero
(1) Jackson, Leroy; M.A.-2	Marlin	Jones, John P.; A.&S.-2	Silsbee
Jackson, Mattie W.; A.&S.-4	Cameron	Jones, Johnnie Mae; A.&S.-1	Fort Worth
(1) Jackson, Mitchell	Denton	Jones, Marie Etta; H.E.-4	Denison
Jackson, Myrtis; A.&S.-3	Bay City	Jones, Marvis C.; M.A.-1	Overton
(1) Jackson, Odell	Houston	Jones, Marion; H.E.-2	Houston
Jackson, Othella; A.&S.-3	Dallas	Jones, Minnie A.; H.E.-1	Lufkin
Jackson, Sherman H.; A.&S.-3	Yoakum	Jones, N. A., Jr.; M.A.-1	Prairie View
Jackson, Vernell; A.&S.-1	Athens	Jones, Pansy J.; A.&S.-3	Lufkin
Jackson, Wanda; H.E.-1	Sherman	Jones, Richard; A.&S.-4	Galveston
Jackson, Woodrow; Agric.-2	Navasota	Jones, Roland F.; A.&S.-3	Texarkana
Jacobs, Jessie L.; A.&S.-Spec.	Prairie View	(1) Jones, Roosevelt	Dallas
Jacobs, Walter Mae; N.E.-3	Longview	Jones, Roscoe Riley; A.&S.-2	Texarkana
Jamerson, Florence; H.E.-1	Washington	Jones, Roscoe Rufus; M.A.-1	Overton
James, Cheleo A.; A.&S.-2	Dallas	Jones, Ruth E.; H.E.-2	Fort Worth
James, Eddie; Agric.-4	Conroe	Jones, Verdine; A.&S.-3	Junior
James, Eldridge D.; Agric.-3	Conroe	Jones, Walter L.; Agric.-4	Houston
James, Freddie M.; H.E.-2	Katy	Jones, Wendell; M.A.-2	Longview
James, George T.; Agric.-4	Navasota	Jones, Willie E.; Agric.-1	McGregor
James, Nathalla H.; A.&S.-3	Katy	Jordan, Alene G.; A.&S.-1	San Antonio
James, Ocie M.; A.&S.-2	Navasota	Jordan, Ortis; M.A.	San Angelo
James, Warner Lee; A.&S.-2	Yoakum	Jordan, Willie Mae; A.&S.-3	Abbeville, La.
Jenkins, Willie;		Jordan, Will; A.&S.-1	Navasota
M.A.-Spec.	Clarksville (Deceased)	Joseph, Verma Lee; A.&S.-1	Seguin
Jennings, Estella; A.&S.-1	San Antonio	Kaufman, Ida Louise; A.&S.-4	Houston
Jernigan, Ladell; Agric.-3	Henderson	Keith, Ida Mae; A.&S.-2	Wharton
Jingles, Alzena M.; H.E.-3	Athens	Kelley, Eugene L.; Agric.-2	Houston
Jingels, Marjorie D.; A.&S.-2	Athens	Kendle, Clarice L.; A.&S.-2	Rockdale
Jones, Clarence; A.&S.-1	Silsbee	Kendrick, Margie; H.E.-2	Troupe
Johns, Hayward; Agric.-2	Carthage	Kennard, Mittie G.; A.&S.-Grad.	Houston
Johnson, Aaron Perry; Agric.-2	Galveston	Kennedy, Jimmie V.; Agric.-3	Mexia
Johns, Theodore R.; A.&S.-4	Silsbee	Kennison, Harrison R.;	
Johnson, Alice Mae; A.&S.-3	Houston	Agric.-4	Washington, D. C.
Johnson, Alvin; A.&S.-Spec.	Dallas	Kilpatrick, Alice; H.E.-4	Prairie View
Johnson, Anita E.; H.E.-3	San Antonio	Kimble, George; A.&S.-2	Axtell
Johnson, Beatrice E.; H.E.-3	Houston	Kinchen, Jeffery Mae; A.&S.-4	Houston
Johnson, Bertha; A.&S.-3	Houston	Kinlaw, Eva Bell; H.E.-2	Washington
Johnson, Cephus Lee; Agric.-2	Naples	King, Ben; M.A.-1	Corpus Christi
Johnson, Callie L.; A.&S.-2	Texarkana	King, Clarence; Agric.-4	New Gulf
Johnson, Curtis R.; A.&S.-1	Yoakum	King, Doris E.; H.E.-1	Tenaha
Johnson, Cyndia M.; A.&S.-2	Piano	King, Flowers V.; A.&S.-1	Lufkin
Johnson, Daniel Lee;		King, Geraldine; A.&S.-3	Orange
A.&S.-2	Vallejo, Cal.	King, Harvey F.; A.&S.-3	Crockett
Johnson, David E.; A.&S.-3	Texarkana	King, Jodie; Agric.-2	Mt. Pleasant
Johnson, Eddie P.; A.&S.-2	Dallas	King, Ruby C.; H.E.-2	Douglas
Johnson, Edna Lee; H.E.-1	Fredonia	King, Ruby C.; H.E.-2	Douglas
Johnson, Erby; Agric.-2	Marietta	King, Willeola; A.&S.-2	Orange
Johnson, Erric; Agric.-4	Austin	Kingsberry, Jewel; H.E.-2	Houston
Johnson, Essie Mae; H.E.-1	Dallas	Kirk, Maxine; H.E.-2	Hempstead
Johnson, Eugene; M.A.		Kirk, Gretel; A.&S.-3	Jefferson
Johnson, Euradell; H.E.-4	Bullard	Kirk, Leon; M.A.-2	Jefferson
Johnson, Iva B.; H.E.-3	Russell	Kirk, McKinley; Agric.-1	Jefferson
Johnson, Inez M.; H.E.-2	Benchley	Kirkpatrick, Brazylie;	
Johnson, Jeanette; A.&S.-3	Chester	H.E.-1	El Reno, Okla.
Johnson, Julius P.; A.&S.-1	Cameron	Kirksey, Willie B.; A.&S.-2	Wiergate
Johnson, Mary Lee; N.E.-4	Appleby	Kline, Noah V. A.; Agric.-3	Gonzales
(1) Johnson, Moses	Brenham	Knighton, Homer; Agric.-3	Newton
Johnson, Oscar B.; Agric.-2	Angleton	Knotts, Doris C. S.; A.&S.-2	Round Top
Johnson, Patsy L.; H.E.-3	San Augustine	Knowles, Elizabeth J.;	
Johnson, Richard K.; Agric.-3	Crockett	A.&S.-4	San Francisco, Cal.
Johnson, Robbie L.;		Koontz, Katherine J.; A.&S.-1	Sweet Home
A.&S.-Uncl.	Prairie View	Lacy, Albert; Agric.-3	Troupe
Johnson, Roberta; N.E.-Grad.	Appleby	Lacy, Thedford L.; Agric.-3	Jacksonville
Johnson, Solomon, Jr.; M.A.-1	Orange	(2) Landers, Bennie J.; A.&S.-2	Dallas
Johnson, Stella; M.A.-2	Houston	Lande, Willie D.; M.A.-1	Lovelady
Johnson, William C.; A.&S.-3	Abilene	Langham, Ruth E.; A.&S.-2	Galveston
Johnson, Yvonne J.; H.E.-2	Orange	Langston, Essie G.; H.E.-3	Terrell
Jones, Alfred M.; A.&S.-1	Haynesville, La.	(1) Lathan, Peggie R.; A.&S.-3	Nacogdoches
Jones, Alva Lois; H.E.-3	Overton	Larry, George; M.A.-1	Crowley, La.
Jones, Beulah		Laster, Andrew; M.A.-1	Washington
Jones, Bertha M.; A.&S.-1	Fort Worth	(1) Lester, George; Agric.-4	Waskom
Jones, Brady J.; Agric.-Grad.	Longview	Lavert, Ralph; A.&S.-2	Texarkana
Jones, Boyce; M.A.-1	Longview	Law, Ernestine; H.E.-3	Bay City
Jones, Charlie; M.A.-1	Deaton	Law, Mary E.; A.&S.-3	Bay City

Name	City or Town	Name	City or Town
Lawrence, Jack B.; Agric.-3	Richards	McKee, Ruthie Mae; A.&S.-2	Rockdale
Laws, Queen E.; H.E.-1	Bryan	(1) McKenzie, Emmett;	
Lawson, Elizabeth; A.&S.-1	Longview	M.A.-Spec.	Hempstead
Lawson, Gladys R.; A.&S.-3	Montgomery	McKenzie, Scott; M.A.-4	Waller
Leach, Henry L.; A.&S.-2	Fort Worth	McKie, Lois Ann; H.E.-1	Kerens
Ledbetter, Albert; M.A.-2	Liberty	McKinney, Ethel M.; A.&S.-2	Navasota
Lee, Cleotha M.; A.&S.-2	Port Arthur	McKinney, Milton; A.&S.-2	Luling
Lee, Gloria M.; A.&S.-1	Port Arthur	McKinnon, Cales; A.&S.-1	San Antonio
Lee, Lois M.; A.&S.-1	Port Arthur	McKnight, Drewey; M.A.-4	Denison
Lee, Mary A.; A.&S.-2	Wichita Falls	McKnicht, Arthur; M.A.-Spec.	Dallas
Lee, Walter A.; Agric.-4	Texarkana	McKnight, Georgia; A.&S.-3	Denison
Leffall, Janie B.; A.&S.-1	Marshall	McLemore, Lettie B.; M.A.-4	Denison
Leslie, Ruthie L.; A.&S.-3	Kerens	McLendon, Jennie R.; H.E.-1	Houston
Lester, George H.; Agric.-4	Waskom	McNary, Delores Lee; H.E.-2	Waco
Lester, Henry C.; M.A.-4	Marshall	McNeely, Leggett; M.E.-Spec.	Killgore
Lewis, Alfred; H.E.-3	Fort Worth	McNeil, Fern Dell; A.&S.-3	Ennis
Lewis, Allen D.; A.&S.-1	Port Arthur	McNeil, Hortense O.; H.E.-4	Marlin
Lewis, Dorothy M.; A.&S.-2	Fort Worth	McNeil, Isiah; Ag.-3	Caldwell
Lewis, Dorothy M.; A.&S.-1	Houston	McNeil, James H.; Ag.-4	Ennis
Lewis, Gheretein E.; M.A.-1	Jefferson	McNeil, Mary Pauline; A.&S.-1	Marlin
Lewis, Hilliard; A.&S.-2	Fort Worth	McNeil, Neola M.; H.E.-2	Caldwell
Lewis, James O.; A.&S.-1	Silsbee	McPhaul, Willis C., Jr.; Ag.-4	Bonham
Lewis, Matthew C.; Agric.-4	Henderson	McPherson, Etta Mae; H.E.-2	Gonzales
Lewis, Milton, Jr.; M.A.-1	Fort Worth	McPherson, Kattie Mae; A.&S.-2	Cuero
Lewis, Nettie Mae; N.E.-1	Sunnyside	McVea, Clifton; M.A.-2	San Antonio
Lewis, Warren G.; M.A.-1	Houston	(1) McWashington, Rebecca;	
Lilly, Bernice A.; N.E.-4	Overton	A.&S.-3	Conroe
Lincoln, Albert; Agric.-3	Queen City	Mack, Volena; H.A.-3	Lenden
Lindsey, Melissa; H.E.-4	Baytown	Maddison, William M.; Ag.-Grad.	Navasota
(1) Lloyd, Willie D.;		Malone, Clara Bell; H.E.-2	Hunington
M.A.-Spec.	San Francisco, Cal.	Malone, Essie Hattie; H.E.-3	Calvert
Lockhart, Josephine; H.E.-1	Ennis	Malvern, Albert; M.A.	Denison
Loeb, Carrie Mae; A.&S.-4	Port Arthur	Marion, Leroy; Ag.-4	Texarkana
Lofton, Delores; A.&S.-2	Fort Worth	Mark, Levisa; A.&S.-2	Apple Spring
Logan, Valva; H.E.-2	Houston	Marks, Curtis M.; Ag.-Grad.	Paris
Lott, Andrew; M.A.-4	Houston	(2) Marks, Lucilla; H.E.-1	Chester
Love, Agnes J.; A.&S.-2	Beaumont	Marshall, Arnedo M.; A.&S.-1	Navasota
Loyd, Juanita; A.&S.-3	Tyler	Martin, Carl James; A.&S.-3	Prairie View
Loyd, Gladys M.; A.&S.-3	Saline, La.	Martin, Chauncey L.; A.&S.-3	Lufkin
Lucas, Billie; M.A.-Spec.	Dallas	Martin, Christine M.; A.&S.-4	Egypt
Luckett, Hazel L.; A.&S.-4	Fort Worth	Martin, Daniel W.; M.A.-3	Prairie View
Luke, Emma Mae; H.E.-1	Willis	(2) Martin, Grover; A.&S.-2	Prairie View
Lyons, Carl J.; M.A.-1	Baytown	Martin, Ernest V.; A.&S.-3	Prairie View
(1) Lynn, Lillian B.; H.E.-4	High Bank	Martin, Zealous; Ag.-3	Fodice
Lynn, Vera L.; H.E.-3	Harleton	Martin, Exa Mae; N.E.-1	Houston
McCafee, Alex; M.A.-1	Hallettsville	(1) Mathis, Edell M.; Ag.-4	Groveton
McCarte, Barbara; A.&S.-1	Beaumont	(1) Matthews, John	Brenham
McClellan, Faye W.;		Matthews, Eugene H.; Ag.-2	Brenham
A.&S.-Grad.	Texarkana	Matthews, Joyce M.; H.E.-3	Cleburne
McClennan, Walter;		Maxey, Eugene; M.A.-2	Lyons
A.&S.-Grad.	Richmond, Cal.	Maxie, Hortense M.; N.E.	Eagle Lake
McClure, Elmarie; A.&S.-3	Keatchie, La.	Maxwell, Irma Jean; H.E.-3	Muldrew, Okla.
McClure, Hattie L.; A.&S.-2	Seguin	Mayes, Charlie, Jr.; Ag.-3	Hempstead
McClure, Thelma A.; H.E.-2	Keatchie, La.	Mays, Doris; H.E.-1	Corpus Christi
McCoy, Rubye A.; A.&S.-2	Carmine	Mays, Lou V.; A.&S.-1	Fort Worth
McDade, Jewell; A.&S.-1	Hempstead	Mays, Ora Lee; H.E.-2	Bellville
McDade, Willie; Agric.-3	Rockdale	Medlock, Elmer; A.&S.-2	Dallas
McDaniel, Doyle L.; Agric.-3	Benchley	Medlock, Margaret; H.E.-3	Mexia
McDonald, Arthur; A.&S.-1	Jacksonville	Menefee, Marie A.; H.E.-?	Houston
McDonald, Betty Jean; H.E.-2	Houston	Mercer, George, Jr.; A.&S.-2	Hearne
McDonald, Clinton; M.A.-Spec.	Plano	Meredith, James L.; M.A.-Spec.	Navasota
McDonald, Mattie Mae; A.&S.-2	Orange	Merrell, Queen E.; A.&S.-4	San Angelo
McFadden, Frank E.; M.A.-3	Houston	Messiah, Clyde; A.&S.-1	San Antonio
McGaughey, Juanita A.; A.&S.-2	Dallas	(1) Metoyer, Rosa B.; A.&S.-3	Dallas
McGaughey, Kenneth; A.&S.-2	Dallas	Michael, Elizabeth A.; A.&S.-2	Ocala, Fla.
(1) McGaughey, Merle; A.&S.-1	Dallas	Micheaux, Iola Lois; A.&S.-1	Palestine
McGaughey, Paul; M.A.-4	Dallas	Michaux, Magnolia J.; A.&S.-2	Palestine
McGill, Daniel G.; M.A.-4	Houston	Miles, Abram, Jr.; A.&S.-2	Galveston
McGowan, Curtis B.; A.&S.-3	Houston	Miles, Hosea; A.&S.-3	Galveston
McGowan, Emerson; A.&S.-4	Nacogdoches	Miles, Iola Laura; A.&S.-3	Hearne
McGowan, Ernest; M.A.-2	Lufkin	Miles, Jewel Millie; A.&S.-2	Hearne
(1) McGriff, Virginia L.; A.&S.-2	Elkhart	(1) Miles, John Henry, Jr.; Ag.-4	Hearne
McIntosh, Elvin; M.A.-1	Dallas	Miller, Avery; M.A.-1	Honey Grove
(1) McKee, Stacy; Agric.	Athens	Miller, Cornelia; A.&S.-4	Dallas
McKee, John V.; M.A.	Athens	(1) Miller, Cherry; A.&S.-4	Houston
(1) McKeever, Louise; A.&S.-1	Houston	Miller, Harley, Jr.; A.&S.-2	Cuero

Name	City or Town	Name	City or Town
(1) Miller, Erma Jean; H.E.-2	Dallas	Nichols, Emma Maye; N.E.-1	Beaumont
Miller, Lessie Lee; A.&S.-3	Bryan	Nichols, Jerry; A.&S.-2	New York, N. Y.
Miller, James D.; M.A.	Hempstead	(1) Nichols, Sylvia;	
Miller, Lillie L.; H.E.-1	Hillsboro	A.&S.-Grad.	New York, N. Y.
Miller, Marjorie L.; A.&S.-2	Marlen	Nichols, Mae Lewis; A.&S.-4	Beaumont
Miller, Marion A.; Ag.	Frankston	Nickson, Willie; A.&S.-1	Fort Worth
(1) Miller, Thurman; A.&S.-2	Houston	Nickleberry, S. J.; Ag.	Marietta
Miller, Webster T.; A.&S.-1	Berkley, Cal.	Nickerson, Cassie Mae; A.&S.-3	Galveston
Miller, Zenobia; H.E.-4	Hempstead	Nolen, Robert Lee; M.A.	Waco
Mims, Mary Faye; H.E.-3	Cisco	Norman, Nolan; A.&S.-2	Denver, Colo.
Mitchell, Charles S.; A.&S.-1	San Angelo	Norman, Grace; A.&S.	
Mitchell, Eleanor R.; A.&S.-4	Bivens	Norris, Helen Marie; A.&S.-3	Fort Worth
Mitchell, Hubert Lee; A.&S.-1	Daingerfield	Odum, Larutha M.; A.&S.-2	Newton
Mitchell, James A.; A.&S.-1	Corpus Christi	Oliver, Mattie B.; A.&S.-3	Navasota
Mitchell, John Jewell; H.E.-1	Elgin	Oramge, Edgar Wilson; M.A.-1	Overton
Mitchell, Lois L.; A.&S.-1	Goliad	Osby, Allen E.; H.E.-1	Hempstead
Mitchell, Osby B.; A.&S.-2	Houston	Osby, Theron; M. A.-1	Hempstead
Mitchell, Luther J.; M.E.-2	Denison	Osby, Allen E.; H. E.-1	Hempstead
Mitchell, Rosa Belle; A.&S.-2	Port Arthur	Outley, Freddie Lee; A. & S.-2	Houston
Mitchell, Willie; A.&S.-1	Daingerfield	(1) Owens, Arthur; M. A.	
Modester, Lucille M.; H.E.-4	Kerns	Owens, Charles C.; M. A.-2	Smithville
(2) Modisette, Anaesthesi; N.E.-1	Camden	Owens, Clarence B.; Ag.-3	Smithville
Monmouth, Reuben L.; Ag.-2	Ponta	Owens, Emiel Wade; Ag.-4	Smithville
Monmouth, Wilber; M.A.-3	Ponta	Owens, Idelbert A.; A. & S.-3	Houston
Monson, Ethyleon; N.E.-3	Lovelady	Owens, Janie Ruth; H. E.-1	Waller
Montgomery, Alfonso C.; A.&S.-3	Timpson	Owens, Julia Mary; A.&S.-3	Victoria
Montgomery, Charles H.; A.&S.-3	Timpson	Owens, Martha Jane A.&S.-1	San Antonio
Montgomery, Inez V.; A.&S.-4	Dallas	Pace, Arthur; A. & S.-5-3	Nacogdoches
Montgomery, Mildred F.; A.&S.-4	Dallas	Parker, Jeweleam; A. & S.-1	Brenaham
Montgomery, Mildred M.; A.&S.	Henderson	Patrick, William N.; Ag.-4	Houston
Moore, Darthulia; A.&S.-3	Lyons	Patterson, Malvin W.; A. & S.-2	Texarkana
Moore, Erma Othello; A.&S.-4	Houston	(2) Patton, Roy; A. & S.-2	Dallas
(2) Moore, Ernest; M.S.-2	Bryan	Payne, Ruth Ellen M.; H. E.-3	Bastrop
Moore, Francis P.; N.E.-1	Beaumont	(1) Payne, Lamar; A. & S.-2	Hempstead
(1) Moore, L. E.; A.&S.-Spec.	Prairie View	Peacock, Pearl L.; A. & S.-3	Newton
Moore, Madelyn A.; A.&S.-1	Austin	Payne, Pauline; A. & S.-4	Hempstead
Moore, Henry L.; Ag.-4	Teague	Pendarves, Mildred M.; A. & S.-2	Marlin
Moore, Tavey; M.A.	Anna	(1) Pearson, Cofield;	
Moore, Warren G.; Ag.-2	Mt. Pleasant	M. A.-Spec.	Calvert
(1) Moore, Zelma Ruth; H.E.-3	Amarillo	Penson, Beverly A.; H. E.-3	Houston
Moorer, Mary Francis; H.E.-2	Dallas	Pentecost, Christine; A. & S.-3	Kilgore
Moorring, Leon Long; Ag.-2	Roans Prairie	(2) Peppers, Edwin; A. & S.-3	Dallas
Morgan, Alnita D.; N.E.-1	Bay City	Perkins, Emmitt J.; M. A.-Spec.	Dallas
Morgan, Roy Nathan; M.A.-2	Mt. Gregran	Perkins, Lee E.; A. & S.-Grad.	Dallas
Morris, Lillie L.; A.&S.-1	Liberty	Perkins, Louis R.; A. & S.-1	Marshall
(1) Morris, Gladys; A.&S.-2	Calfax	Perry, Maggie; N. E.-3	Evergreen
Morris, Floyd; M.A.-1	Ennis	(1) Perry, Willie Jean;	
Morris, Joyce M.; H.E.-4	San Antonio	A. & S.-3	Coldsprings
Morris, Mary E.; H.E.-2	Athens	(1) Peters, Billie; A. & S.-3	Mart
Morris, Madison L.; M.A.-1	Colfox, La.	Peters, Hattie Mae;	
Morrison, Jimmie J.; A.&S.-1	San Antonio	A. & S.-3	Bay City
(1) Mothershed, Dorothy; A.&S.-1	Atlanta	Peters, Thelma Lee; A. & S.-2	Orange
Mosley, James P.; A.&S.	Brownsfield	Peterson, Alandrus A.;	
(1) Moses, Oversia; A.&S.-3	Galveston	M. A.-1	College Station
Mundine, Jack Fred; A.&S.-1	Houston	(1) Pettitt, Ennis E.;	
Murphy, Alexander; Ag.-4	Cameron	Agric.	El Campo
Murphy, Tommie Mae; H.E.-2	Bryan	Pettie, Henry; M. A.-2	La Grange
Murphy, Vandy A.; A.&S.-2	Cameron	Petty, Ernice A.; A. & S.	Marlin
Murray, Leslie C.; M.A.-Spec.	Taylor	Phelps, Florida J.; A. & S.-2	Houston
(1) Murray, Reuben	Athens	Phelps, Victoria V.;	
Murray, Stella; H.E.-1	Huntsville	A. & S.-1	Hitchcock
Muse, Edna Rene; A.&S.-1	Prairie View	Phillips, Barbara J.; H. E.-2	Pilot
Myers, Bertha Casper; A.&S.-4	Texarkana	Phillips, Eddie Kate; H. E.-4	Houston
Myers, Madlyn Curley;		Phillips, Erie Mae; H. E.-2	Palestine
A.&S.-3	San Antonio	Phillips, Geneva E.; A. & S.-3	Palestine
Myers, Mattyebelle; A.&S.-4	Houston	Phillips, Helen L.; H. E.-4	Cleburne
Neal, Hubert Earl; Ag.-2	Henderson	Phillips, Joseph R.; M. A.-3	Port Arthur
Neal, Marilyn D. J.; H.E.-2	Beaumont	Phillips, Juanita; N. E.-1	Houston
Neal, Robert B.; M.A.-1	Longview	Phillips, Levater E.; H. E.-3	Palestine
(1) Nealy, Dorothy; A.&S.-3	Houston	Phillips, Odie Lee; A. & S.-2	W. Columbia
Nelms, Catherine; H.E.-1	Bryan	Phillips, Willie; Ag.-3	Marshall
Nealy, Herbert Lee; A.&S.-1	Temple	Pierson, Frank J.; A. & S.-1	Beaumont
Nelson, Ruby Pauline;		Pipkins, Annie Viola;	
H.E.-2	Oklahoma City, Okla.	A. & S.-3	Prairie View
Newsome, Katherine; H.E.-2	Brenham	Pipkin, Edward; Ag.-4	Ferris
Newsome, Wilbert J.; A.&S.-3	Houston		

Name **City or Town**
 Pipkin, Oscar, Jr.; A. & S.-1 _____ Prairie View
 Pittman, Paul M.; Ag-4 _____ Detroit
 Pleasants, Mildred V.; H. E.-2 _____ Tyler
 Polk, Jesse B.; Ag-3 _____ Gonzales
 Polk, Ollie Clifton; A. & S.-2 _____ Yoakum
 Polk, Waymon C.; Ag-4 _____ Hearne
 Pollard, Clifford J.; A. & S.-1 _____ Henderson
 (1) Poole, Trachanzie; Ag. _____ Cameron
 Porter, O. Warner; A. & S.-2 _____ Gause
 Portley, Tessie Mae; M. A.-2 _____ Kilgore
 Powdrill, Lois B.; H. E.-2 _____ Goruson
 Powell, Allison B.; A. & S.-3 _____ Temple
 Powell, Lathell C.; M. A.-2 _____ Temple
 Powell, Howard C.; M. A.-2 _____ Waxahachie
 (1) Pratt, Hortense; A. & S.-1 _____ Navasota
 Price, David Richard; M. A.-3 _____ Denison
 Preston, Dolly Ann _____
 Price, Erma Gene; N. E.-4 _____ Houston
 Price, Earnestine; A. & S.-3 _____ Greenville
 Price, Lawrence D.; Ag-1 _____ Montgomery
 Price, Willie Mae; A. & S.-4 _____ Smithville
 Priestly, Roger; M. A.-3 _____ Lubbock
 Prophet, Marjorie; A. & S.-2 _____ Houston
 Quarles, Omezelle J.; A. & S.-2 _____ Bryan
 Radford, Howell E.; A. & S. _____
 47-168-Prairie View _____
 Radford, Opal F.; A. & S.-4 _____ Houston
 Ragston, Mitchell; M. A.-Spec. _____ Hempstead
 Raibon, Jewell Opal; H. E.-2 _____ Tyler
 Randale, Lola Erma; H. E.-4 _____ Houston
 Randalph, Hazel D.; A. & S.-2 _____ Chilton
 Spencer, Cornelia L.; A. & S.-4 _____ Houston
 (1) Ralls, Tom B.; Ag. _____ Oklahoma City, O.
 Randon, Mozella R.; H. E.-2 _____ Brazoria
 Ranson, Davis Lee; Ag-3 _____ Mexia
 Rasmus, Rudolph V.; M. A.-3 _____ Houston
 Ratcliff, Corene; A. & S.-3 _____ Choise
 (2) Rayford, Argie M.; A. & S.-4 _____ Prairie View
 Rayford, Robert W.; Ag-4 _____ Prairie View
 Redd, Elmer Grant; Ag-2 _____ Tyler
 Redd, Walter Wheat; Ag-3 _____ Cameron
 Redden, Viola; A. & S.-2 _____ San Antonio
 Reece, Froncell; Ag-4 _____ Conroe
 Reece, Virgie; A. & S.-1 _____ Pittsburg
 Reed, George Jr.; M. A.-3 _____ Houston
 Reed, Mae Jewell; H. E.-4 _____ Waco
 Reese, Cleo Agnes; A. & S.-1 _____ Coldspring
 Reese, Leroy; M. A.-1 _____ Houston
 (1) Reeves, Freddie; A. & S.-1 _____ Cameron
 Reese, R. C.; A. & S.-2 _____ Gladewater
 (1) Reeves, Eunice; H. E.-4 _____ Oakwood
 Reynolds, Alton; M. A.-Spec. _____ Hempstead
 Reeves, Lenora; H. E.-4 _____ Palestine
 Rambo, Olivia; A. & S.-4 _____ Hempstead
 (1) Rhodes, Charles Lee; A. & S.-2 _____ Houston
 Rhodes, Donald Lewis; A. & S.-2 _____ Orange
 Rhodes, James Joseph; Ag-3 _____ Leesville, La.
 Rhodes, James Ira; M. A.-2 _____ Mt. Pleasant
 Rhodes, Robbie Mae; H. E.-3 _____ Houston
 Richards, Maxine; H. E.-1 _____ Hempstead
 Richardson, Camella; A. & S.-1 _____ Galveston
 Richardson, Georgia L.; H. E.-1 _____ Naples
 Richardson, James T.; M. A.-1 _____ Calvert
 Richardson, Mae F.; A. & S.-2 _____ Texarkana
 Richardson, Morris; Ag-2 _____ Texarkana
 Riddle, Arthur J.; A. & S.-3 _____ Houston

Name **City or Town**
 Riley, Pelvin T.; Ag-4 _____ Jasper
 Rivers, Beatrice E.; H. E.-2 _____ Chriesman
 River, Lena Mae; H. E.-4 _____ Pittsburg
 Roberts, Almada; H. E.-1 _____ Kenelleton
 Roberts, Barbara; A. & S. _____ Wichita Falls
 Roberts, Eddie F.; A. & S.-3 _____ Bay City
 Roberts, Wilmer E.; Ag-3 _____ Lovelady
 Robinson, Carl Alonzo; A. & S.-1 _____ Ft. Worth
 Robinson, Clara M.; H. E.-2 _____ Houston
 Robinson, Flora F.; H. E.-3 _____ Temple
 Robinson, James V.; Ag. _____ Ft. Worth
 Robinson, Joe Nelson; Ag-1 _____ Naples
 Robinson, Obie Dean; Ag-1 _____ San Antonio
 (1) Rodgers, Joe H. Jr.; A. & S.-2 _____ Paris
 Rogers, Deltesser D.; A. & S.-2 _____ Abilene
 Rogers, Eddie Venson; M. A.-Spec. _____ Marshall
 Rogers, George E.; M. A.-1 _____ Milwaukee, Wis.
 Rogers, Henry Jr.; A. & S.-2 _____ Calvert
 Rogers, Jeff O.; M. A.-Spec. _____ Marshall
 Rogers, Joe; M. A.-2 _____ Paris
 Rogers, Olsen Jordan; A. & S.-3 _____ San Antonio
 Rolark, Ross B.; A. & S. _____ Texarkana
 Rolark, Calvin W.; A. & S.-4 _____ Texarkana
 Rolligan, Bobbie Gene; H. E.-1 _____ Beaumont
 Ross, Georgene Irene; M. A.-4 _____ San Antonio
 Ross, Harding; Ag-2 _____ Huntsville
 Ross, Joseph; Ag-4 _____ Huntsville
 (2) Routt, Thomas H.; A. & S.-2 _____ Navasota
 Roy, Vivian E.; A. & S.-3 _____ Houston
 Rudgley, Eddie; Ag-2 _____ Jamestown
 Ruckett, Melvine; N. E.-3 _____ Hitchcock
 Russaw, Carl; Ag-4 _____ Gilmer
 Russell, Fannie Lee; A. & S.-1 _____ Hillsboro
 Russell, Gloria A.; N. E.-3 _____ Ft. Worth
 Rutherford, Mary L.; A. & S.-1 _____ Dallas
 Russell, Karene; A. & S.-2 _____ Mineola
 SADBERRY, Edgar; A. & S.-Grad. _____ Gause
 SADBERRY, Thommye D.; H. E.-3 _____ Benchley
 Samuel, Dorothy; M. A.-Spec. _____ Prairie View
 Samuel, Miller F.; Ag-3 _____ Roganville
 Sanders, Clarence; A. & S.-Grad. _____ Dallas
 Sanders, Dorothy M.; A. & S.-4 _____ Yoakum
 Sanders, Ethel Mae; H. E.-3 _____ Corpus Christi
 Sanders, Gracie Lee; H. E.-4 _____ Lubbock
 (1) Sanders, Robert W.; A. & S.-4 _____ Galveston
 Sanders, Thelma C.; A. & S.-4 _____ Kilgore
 Sapenter, Reginald J.; M. A.-2 _____ Goliad
 Sapp, Vencie; N. E.-1 _____ Ft. Worth
 Sargent, Alonzo; A. & S.-3 _____ Houston
 Sargent, Bernice; A. & S.-2 _____ Houston
 Saunders, Reba N.; H. E.-2 _____ Waxahachie
 Scarlett, Maxwell C.; Ag-3 _____ Ft. Worth
 Scott, Cleopatra; A. & S.-2 _____ Houston
 Scott, Edward; Ag-2 _____ Waller
 Scott, J. B.; Ag-1 _____ Jasper
 Scott, Joseph A.; A. & S.-2 _____ San Antonio
 Scott, Lloyd E.; A. & S.-Grad. _____ Prairie View
 Scott, Marie Ruth; N. E.-4 _____ Bryan
 Scott, Mattie Lee; A. & S.-3 _____ El Campo
 Scott, Mary Jane; A. & S.-2 _____ Lubbock
 Scranton, Lee Audrey; A. & S.-4 _____ Houston

Name	City or Town	Name	City or Town
Seastrunk, Dempsey H.; Ag-3	Huntington	Stephens, John L.; Ag-2	Cameron
(1) Seaton, Orville; Ag-4	Houston	Sterling, Ernest S.; Ag-3	Prairie View
Senegal, Ethel Marie; A. & S.-2	Galveston	Stevens, Harold; M. A.-1	San Antonio
Senette, Myrtle; N. E.-1	Galveston	Stevens, Harry; M. A.-1	San Antonio
Sepeleon, Bobbie Jean; A. & S.-4	Brownwood	Steward, Audrey B.; A. & S.-4	Gonzales
Settle, Alain L.; A. & S.-3	Kilgore	Steward, Mozelle; A. & S.-1	Houston
Sewell, Ruth; H. E.-1	Galveston	Stewart, Eva Mae; H. E.-2	College Station
Shackelford, Tommie S.; H. E.-2	Huntsville	Steward, Willie B.; A. & S.-3	Austin
Shankle, Nora Lee; N. E.-2	Newton	Stiles, Roger C.; A. & S.-1	San Antonio
Shankle, Ora Lee; N. E.-3	Newton	Stinnett, Warren C.; M. A.-4	Denison
(1) Sharp, Carrie; A. & S.-2	Mart	Stockton, Massalina; A. & S.-2	San Antonio
Shavers, Jenna V.; H. E.-4	DeKalb	Stokes, Lois Marie; A. & S.-3	Houston
Shaw, Erma B.; A. & S.-1	Longview	Stone, Foster Lee; M. A.-1	Paris
Sheffield, Doris C.; H. E.-3	San Antonio	Stoney, Harold C.; M. A.-1	Corpus Christi
Sheffield, Helen A.; A. & S.-4	Nacogdoches	Stoney, Raymond; M. A.-1	Corpus Christi
Shelton, Lee George; A. & S.-Grad.	Dallas	Strong, James E.; M. A.-1	Bastrop
Shelton, Myrtle Lee; H. E.-2	Longview	Straford, Kingsley; M. A.-2	Teague
Shelton, Opal Mae; H. E.-1	Longview	Stubblefield, Cedric; A. & S.-Grad.	Houston
Shepard, Thelma; A. & S.	Washington	Summers, Ophelia; H. E.-2	Dallas
Simmons, Alene A.; H. E.-4	Newton	Stykes, Vernice; H. E.-2	Giddings
Simmons, Loretta; A. & S.-3	Haskell	Swain, Euwert; M. A.-1	Brenham
Simmons, Oscar; A. & S.-1	Waller	Tate, John C. Jr.; M. A.-Spec.	Lufkin
(1) Singletary, Robert; A. & S.-4	Texarkana	Taylor, Almus L.; Ag.-Grad.	Hempstead
Sims, Van E.; A. & S.-3	Ft. Worth	Taylor, D. V.; Ag-2	Troup
Smith, Cleopatra; N. E.-4	Hempstead	(1) Taylor, Edwin; M. A.-4	Hempstead
(2) Smith, Cullen; M. A.-3	Ft. Worth	Taylor, Ernest; M. A.	La Porte
Smith, D. S., Jr.; Ag-1	Gause	Taylor, Gloria Nell; A. & S.-3	Houston
Smith, Doris E.; A. & S.-2	Corsicana	Taylor, Henry; M. A.	Hempstead
Smith, Doris Marie; H. E.-3	Texarkana	Taylor, Lytle Louis; A. & S.-2	San Antonio
(1) Smith, Doris Marie; A. & S.-2	Brownwood	Taylor, Lera Thelma; A. & S.-3	Broadus
Smith, Dorothy Dell; A. & S.-1	Groesback	Taylor, Luther	Crockett
Smith, Doris Evelyn; H. E.-3	Texarkana	Taylor, Marshall; M. A.-2	Goliad
(1) Smith, Elbert; A. & S.	Galveston	Taylor, Ruth Arlene; H. E.-3	Little Rock, Ark.
Smith, Evelyn E.; H. E.-4	Amarillo	(1) Taylor, Tommy	La Grange
Smith, Edna Earl; H. E.-2	Wharton	Taylor, Velma Mae; H. E.-2	Bay City
Smith, Fannie Mae; A. & S.-1	Elysian Fields	Teal, Gloria; N. E.-3	Chiro
Smith, Gladys M.; A. & S.-4	Houston	Teal, Winston; A. & S.-3	Nacogdoches
(1) Smith, Harry; M. A.-Spec.	Gainesville	Thomas, Alberta R.;	
Smith, Howard; M. A.-2	Dallas	Thomas, Annie C.; M. A.-2	Longview
(1) Smith, Jewell; H. E.-2	Gause	Thomas, Annie Louise;	
(1) Smith, Jimmie; A. & S.-4	Tyler	H. E.-4	Smithville
Smith, Joe; A. & S.-1	Beaumont	Thomas, Charlene; A. & S.-1	Ft. Worth
Smith, Lavern; Ag-1	DeKalb	Thomas, Constance M.;	
(2) Smith, Levester; A. & S.-4	Houston	A. & S.-4	Prairie View
Smith, Luzelia J.; H. E.-3	Palestine	Thomas, Ethel Mae; H. E.-2	Chandler
Smith, Marvis A.; H. E.-2	Cuero	Thomas, Earl; M. A.-3	Denison
(2) Smith, Roy A.; Ag-3	Amarillo	Thomas, Jessie I.; A. & S.-3	Mexia
Smith, Oliver E.; Ag-3	Elysian Fields	Thomas, Katie F.; A. & S.-1	Abilene
(2) Smith, Walter; A. & S.-Grad.	Dallas	Thomas, Lloyd; Ag-4	Caldwell
Smith, William; M. A.-1	Hempstead	Thomas, Verlie A.; A. & S.-4	Port Arthur
Smith, Willie Mae; A. & S.-3	Dallas	Thompson, Artelia M.;	
Sneed, Burton S.; Ag-2	Cuney	A. & S.-3	Chicago, Ill.
Snell, Laura Marie; A. & S.-3	Dallas	Thompson, Ernestine; H. E.-2	La Grange
Snipes, Jerome; Ag-2	Oakwood	Thompson, Gilon Henry; Ag-2	Wichita Falls
Snoody, Wallie Mae; H. E.-2	Longview	Thompson, Rudolph; A. & S.-2	Tyler
Snowden, Gloria Mae; A. & S.-1	Beaumont	Thompson, Toma Sita; A. & S.-3	Belville
Solomon, Bobbie Mae; M. A.-2	Orange	Thompson, Salvia E.; A. & S.2	Texarkana
Solomon, Samuel L.; A. & S.-2	Prairie V.	Thompson; Willie S.; Ag-1	Hempstead
(2) Solomon, Thomas; A. & S.-2	Prairie V.	Thorn, Willie Etta; A. & S.-1	Nacogdoches
Spence, Milt; Ag-1	Marietta	Thornton, Mildred; H. E.-2	Dawson
Spencer, Ethelyn J.; A. & S.-3	Cleburne	Thornton, Vivian L.; A. & S.-4	Kingsville
Spencer, Laverne; H. E.-2	Brenham	Thornton, Willie Lee; A. & S.-1	Calvert
Spikes, Tyler; M. A.-Spec.	Beaumont	Tilley, Jerline G.; H. E.-2	Jacksonville
Spiller, Floyd; M. A.-Spec.	Van Vleck	Tilley, Ruby Lee; H. E.-2	Jacksonville
Spriggins, Helen M.; A. & S.-2	Beaumont	Toliver, Geraldine; H. E.-3	Bryan
Stafford, George H.; Ag-3	Italy	Toliver, Melvin Lee; A. & S.-1	San Marcos
Standback, Joseph; M. A.-1	Mt. Pleasant	Toliver, William; M. A.-Spec.	Brenham
Standifer, Joe E.; M. A.-1	Itasca		

Name City or Town
 (1) Tolson, Arthur; A. & S.-Grad. Marshall
 Townsend, Ollie B.;
 M. A.-Spec. College Station
 Townsend, Ollie Marie; H. E.-2 Wellborn
 Trammell, Myra B.; A. & S.-2 Mt. Vernon
 Travis, Leroy; A. & S.-2 Galveston
 Traylor, Earlie Marie; H. E.-2 Daingerfield
 Trim, Constance J.; A. & S.-2 Ft. Worth
 Trimble, Malora R.; A. & S.-1 Overton
 Truscott, Merchant; Ag.-3 Houston
 Tubbs, Jimmy Ruth; A. & S.-3 Tyler
 Turner, Hazel Lee; A. & S.-2 Abilene
 Turner, Johnnie Mae; A. & S.-1 Abilene
 Turner, Lexyne Bell; H. E.-3 Dallas
 Turner, Rufus; Ag.-2 Dayton
 Tutt, Louise I.; A. & S.-2 Dallas
 Twiggs, Arthur; A. & S. Kenny
 Van Irvin, Maud;
 A. & S.-Uncl. Prairie View
 Vaughn, Lenora Jean; A. & S.-3 Houston
 Vaughn, Ramona E.; A. & S.-4 Longview
 Vaughn, Ruth E.; A. & S.-4 Longview
 Vaughn, Savannah;
 A. & S.-2 Hutchinson, Kan.
 Vaughns, Laura L.; A. & S.-4 Teague
 Vaughns, Opal D.; H. E.-4 Dallas
 Verette, Mayola; H. E.-1 Raywood
 Vincent, Clifton; A. & S.-3 Houston
 (1) Waddleton, Valentine;
 Ag.-4 Winnsboro
 Wade, Curtis; A. & S.-1 Nacogdoches
 Wade, Larry E.; A. & S.-1 Nacogdoches
 Wade, Frank J.; Ag.-4 Douglas
 Waites, Leroy; A. & S.-3 Jefferson
 Walker, Albert L.; Ag.-2 Chickasha, Okla.
 Walker, Arletha M.; H. E.-2 Ennis
 Walker, Juanita; A. & S.-Grad. Dallas
 Walker, Marvin; Ag.-4 Mt. Pleasant
 Wallace, Grady T. Jr.;
 A. & S.-2 Texarkana
 Wallace, Lawrence; Ag.-4 Bryan
 (1) Wallace, Leonard;
 A. & S.-Grad. Corpus Christi
 Wallace, James L.; Ag.-2 Texarkana
 Wallace, Mildred; A. & S.-1 Bryan
 Wallace, Lucille; H. E.-1 Bryan
 Wallace, Ulysses S.; Ag.-1 Bryan
 Walker, John W.; M. A.-1 San Antonio
 Walker, Lillian J.; A. & S.-2 Hempstead
 Walker, Thelma; H. E.-4 Waco
 Walton, Frenchell C.; H. E.-2 Tyler
 Walton, Jean E.; A. & S.-2 Houston
 Walton, Joseph; A. & S.-2 Galveston
 Walker, Juanita H.;
 M. A.-Grad. Los Angeles, Cal.
 Walton, Lois, H.; A. & S.-2 Winona
 Ward, Rayford Giddings
 Ward, Wildred; M. A.-1 Gilmer
 Ware, Albert Lee; Ag.-2 Tyler
 Ware, Charlie Mae; A. & S.-4 Ennis
 Ware; William D.; Ag.-2 Winchester
 Warner, Dillard; A. & S.-Grad. Waco
 Warren, Alonzo; Ag.-1 Linden
 Warren, Delma B.;
 A. & S.-2 Bakerfield, Cal.
 Warren, Quitmaa A.; Ag.-4 Linden
 Washington, Artye L.; A. & S.-1 Trinity
 Washington, Daniel A.; Ag.-4 Houston
 Washington, Jordan T.; A. & S.-1 Lufkin
 Washington, Reuben; A. & S.-3 Midway
 Washington, Rosie Lee; A. & S.-3 Willis
 Washington, Roy Lee; Ag.-3 Kerens
 Washington, Samuel; Ag.-4 Bellville
 Waters, Flura Mae; H. E.-3 Mexia
 Watkins, Helen L.; A. & S.-2 Houston
 Watkins, Murhl O.; A. & S.-4 Dallas

Name City or Town
 Watson, Dorothy C.;
 A. & S.-2 Oklahoma City, Okla.
 Watson, Fred A.; Ag.-4 Prairie View
 Watson, Juanita; A. & S.-4 Texarkana
 Watson, Margaret; A. & S.-Spec. Prairie V.
 Watts, Lee Carves; M. A.-Grad. Dallas
 Webster, W. B.; Ag.-2 Linden
 Wells, Grace Eva; A. & S.-2 Galveston
 Wesley, Bennie;
 A. & S.-Grad. Prairie View
 Wesley, Verdell V.; H. E.-1 Navasota
 Westbrook, Harvey B.; Ag.-4 Elgin
 Westbrook, Johnnie Mae;
 A. & S.-3 Houston
 Westbrook, Madeline; A. & S.-3 Bryan
 Wheeler, Alma Faye; N. E.-3 Mineola
 Wheadon, John R.; Ag.-Grad. Houston
 Wheaton, Lorenzo Midway
 White, Artos M.; A. & S.-2 Shiro
 White, Bernice; H. E.-4 Choice
 White, Charles H.;
 M. A.-1 Washington, D. C.
 White, Charles W.; Ag.-4 Senior
 White, Eloise A.; A. & S.-1 Beaumont
 White, Eulalia J.; A. & S.-3 Marshall
 White, Huella; H. E.-3 Caldwell
 White, Inman; Ag.-4 Prairie View
 White, Ola Mae; H. E.-1 Jasper
 White; Oveta L.; H. E.-1 Marshall
 White, Pearl D.; H. E.-2 Brenham
 White, Wilma G.; H. E.-4 Kendleton
 Whitehead, Charles J.;
 M. A.-4 Richmond
 Whiteside, Albert; A. & S.-2 Cameron
 Whitfield, Mildred; H. E.-3 Houston
 Whitman, Azell; A. & S.-4 Linden
 Whitson, Frank A.; M. A.-2 Franklin
 Whitman, Lena E.; H. E.-4 Longview
 Whittaker, Carl R.; M. A.-Spec. Calvert
 Wickliff, Mary L.; A. & S.-4 Liberty
 Wiggins, Bertha B.; N. E.-3 Bryan
 Wilborn, Emmitt; M. A. Lincoln
 Wilborn, Thomas E.; Ag.-3 Lincoln
 Wilburn, Bertrand; M. A.-Spec. Commerce
 Wilburn, Lois T.; A. & S.-2 Chapel Hill
 Wiley, Silas L.; M. A.-Spec. Overton
 Wilkerson, Claudia; H. E.-1 Cameron
 Wilkins, Juanita; A. & S.-3 Dallas
 Williams, Alma Jean; A. & S.-1 Lubbock
 Williams, Alma L.; H. E.-1 Gladewater
 (1) Williams, Allison;
 M. A.-Spec. Overton
 Williams, Alonzo B.; A. & S.-3 Hempstead
 Williams, Arster N.; A. & S.-1 Gregg
 Williams, Autry D.; A. & S.-3 Ennis
 Williams, Catherine; H. E.-3 Houston
 Williams, Chester; Ag.-2 San Antonio
 Williams, Clarence; A. & S.-3 Kenedy
 Williams, Clotis; H. E.-3 Jefferson
 Williams, Curtis A.; A. & S. Calvert
 Williams, Decie M.; H. E.-3 Palestine
 Williams, Doretha B.; A. & S.-2 Houston
 Williams, Doris J.;
 A. & S.-3 Oklahoma City, Okla.
 Williams, Elois L.; H. E.-3 Bryan
 Williams, Estella M.; H. E.-2 Bryan
 Williams, George W. Jr.;
 M. A.-2 San Antonio
 Williams, Hurcelean; A. & S.-2 Trinity
 Williams, Irene D.; A. & S.-1 Pilot Point
 Williams, Izana M.; H. E.-3 Dallas
 (1) Williams, James H.; A. & S.-2 Houston
 Williams, James R.; A. & S.-4 Dickerson
 Williams, Johnetta F.;
 A. & S.-2 Houston
 Williams, Joseph; A. & S.-2 Beaumont

Name **City or Town**
 Williams, Katherine; H. E.-1 ---- La Grange
 Williams, LaVerne; H. E.-2 ---- Tyler
 Williams, Mae Ruth;
 H. E.-Uncl. ---- Tyler
 Williams, Lottie E.; H. E.-2 ---- Seguin
 Williams, Marion C.; A. & S.-4 Dickerson
 Williams, Marion M.;
 A. & S.-3 ---- Ocala, Fla.
 Williams, Margaret L.; H. E.-1 San Antonio
 Williams, Marvin; Ag.-1 ---- Oakwood
 Williams, Ollie; Ag. ---- Hempstead
 Williams, Pearl Etta;
 A. & S.-2 ---- Oklahoma City, Okla.
 Williams, Rosie Lee; A. & S.-3 ---- Markham
 Williams, Samuel R.; Ag.-4 ---- Rosebud
 Williams, Thelma L.; A. & S.-2 ---- Houston
 Williams, Truly; H. E.-2 ---- Wortham
 Williams, Winson A.; Ag.-2 ---- Longview
 Willis, Mary N.; H. E.-2 ---- Jacksonville
 Willis, Willie T.; Ag.-4 ---- Longview
 Wilson, Jeraldine; H. E.-4 ---- Brenham
 Wilson, Joyce; A. & S.-4 ---- Somerville
 Wilson, Lillian; A. & S.-2 ---- Sealy
 (1) Wilson, Robert ---- Denton
 Wilson, Rosalind J.;
 A. & S.-3 ---- Prairie View
 Wilson, Ruth L.; H. E.-2 ---- Bastrop
 Wilson, Sherman; A. & S.-2 ---- Corsicana
 Winfield, Bennie; A. & S.-4 ---- Galveston
 Winn, Martha J.; A. & S.-2 ---- Dallas
 Winn, Robert; M. A.-2 ---- Galveston
 Winters, Ophelia; N. E.-4 ---- Prairie View
 Woodward, Robert C.; Ag.-2 ---- Cedar Lake

Name **City or Town**
 Woods, Delores M.;
 A. & S.-1 ---- San Antonio
 Woods, Eva B.; A. & S.-1 ---- Newton
 Woods, Hazel I.; A. & S.-2 ---- Newton
 (2) Woods, Leon;
 A. & S.-4 ---- San Antonio
 Woods, Leverine J.; H. E.-2 ---- Winona
 Woods, Willie V.; A. & S.-3 ---- Newton
 Woodson, Mary Louise;
 H. E.-4 ---- Dyersburg, Tenn.
 Woody, Ellen; A. & S.-4 ---- Gainesville
 Wooten, Otis; Ag.-3 ---- Lovelady
 (2) Wrenn, Melvia; A. & S.-4 Galveston
 Wright, Connie Mae; A. & S.-3 ---- Gilmer
 Wright, Ollie R.; A. & S.-1 ---- Chicago, Ill.
 Wright, Valerie J.;
 A. & S.-4 ---- Brooklyn, N. Y.
 (1) Wynn, Wilma; A. & S.-3 ---- Huntsville
 Yates, Roy Lee; M. A. ---- Shepard
 Yepp, Lois Ray; A. & S.-1 ---- Calvert
 Young, Alma E.; H. E.-4 ---- Paris
 (1) Young Arthur; A. & S.-3 ---- Dallas
 Young, Ben A.; A. & S.-3 ---- San Angelo
 Young, Clarice; A. & S.-4 ---- Paris
 Young, Frank; Ag.-4 ---- Navasota
 Young, Haywood; M. A.-2 ---- Chicago, Ill.
 Young, Joe C.; M. A.-4 ---- Denison
 Young, M. L.; A. & S.-2 ---- Houston
 Young, Phillip L.; A. & S.-2 Longview
 Zephyr, Charlee;
 A. & S.-2 ---- Ft. Worth
 Zephyr, Elizabeth; A. & S.-2 Washington

NAMES OF GRADUATES

Names	May 1946	Degree	Title
Allen, Viola Faye		B.A.	
Batts, Fred Douglas		B.S.	Agric.
Bedford, Louis Arthur Jr.		B.A.	
Bell, Vera Lee		B.S.	H.E.
Bradford, Charles Edward		B.S.	Agric.
Breeding, Fidelius Dell		B.S.	M.A.
Brewer, Talmage		B.S.	Agric.
Bright-Davies, Lamitsoi Juanita		B.A.	
Brooks, Bernice Beryle		B.A.	
Butler, Willie Mae Watson		B.S.	H.E.
Clay, Augusta		B.S.	
Daniels, Josie Mae		B.A.	
Darden, Rose Etta		B.A.	
Demus, Devada Cathryne Baker		B.S.	H.E.
Evans, Edward Bertram Jr.		B.S.	Agric.
Frazier, Merle Lee		B.A.	
Garrett, Gloria Tee		B.A.	
Gormany, Helen Edna		B.S.	H.E.
Gray, Ernestine Othree		B.S.	H.E.
Gray, Lucille		B.S.	H.E.
Hackett, Daisy Pearl		B.S.	H.E.
Haggerty, Ollie Mae		B.A.	
Harris, Maxine Loreat		B.A.	
Huckaby, James L.		B.S.	
Jackson, Helen Beatrice		B.S.	H.E.
Johnson, Dorothy Mae		B.A.	
Johnson, Elizabeth		B.S.	H.E.
Johnson, Helen Louise		B.A.	
Johnson, Lois Evelyn		B.S.	H.E.
Jones, Frankie Mae		B.S.	H.E.
Jones, Savannah Marie		B.A.	
Kennard, Mittie Grace Aline		B.A.	
Levy, Julia Mary		B.S.	H.E.
Lewis, Evelyn Mattlyn		B.A.	
Lily, Arthur Chester		B.S.	Agric.
Luckett, Kathryn Corinn		B.A.	
McClellan, Walter D.		B.S.	
McGaughey, Maxine Helen		B.S.	N.E.
McGough, Dorothy Ann		B.S.	
Mayes, Tommye E.		B.S.	H.E.
Miles, Kathryn Louise		B.S.	H.E.
Mitchell, Ida Florence		B.A.	
Peppers, Doris Jean		B.S.	H.E.
Phillips, Inez Evelyn		B.S.	H.E.
Pittman, Lula Mae		B.S.	H.E.
Pittman, Vivian Ruth		B.S.	H.E.
Pope, Colleen Arcelia		B.S.	H.E.
Precipha, Ethel Jewel Washington		B.S.	H.E.
Randle, Lucille Alfreda		B.S.	H.E.
Roett, Rupert Orlando		B.S.	Agric.
Ross, Mayme L.		B.S.	H.E.
Ross, Reva Mae		B.S.	
Scott, Hazel Juanita		B.S.	H.E.
Scott, Jessye Lee		B.S.	
Sharpe, Rena Elizabeth		B.A.	
Smith, Frankie Audrey			
Standifer, Dorothy Pearl		B.S.	H.E.
Stearne, Loletha Eulalia		B.A.	
Stewart, Lena Latrelle		B.A.	
Tapscott, Kathryn Mae		B.S.	H.E.
Taylor, Alexander Caldwell		B.S.	Agric.
Toles, Ada Barbara		B.A.	
Upton, Ruth Lee		B.A.	
Washington, Vera Thelma		B.S.	
White, Constance Faye		B.A.	
Whitlow, Vera Kathryn		B.S.	H.E.
Williams, Dorethea Velma		B.A.	
Williams, Ellie Alice		B.S.	H.E.
Williams, Hortesne Selena		B.S.	H.E.
Williams, Ora Lee		B.S.	H.E.
Wilson, Emily Kirk		B.S.	

NURSING DIPLOMA

Bonner, Hester Beatrice	N.E.
Cater, Emma James	N.E.
Hawthorne, Jarusha Helen	N.E.
Hill, Opan Irene	N.E.
Hunt, Versalene	N.E.
Jones, Ruby Jewel	N.E.
Luca, Evelyn Ruth	N.E.
Lucas, Minnie Lee	N.E.
Moore, Mertis Lee	N.E.
Parnell, Gladye Lillie	N.E.
Reece, Emma	N.E.
Ross, Mary Belle	N.E.
Rutherford, Helen Louise	N.E.
Wildridge Annie Belle	N.E.

NAMES OF GRADUATES

August, 1946

Ackerman, Bennie Green	B.S.	
Anderson, Doris Virginia	B.A.	
Anthony, Ollie Vell	B.S.	H.E.
Antwine, Elmer Lee	B.S.	Agric.
Bryant, Cloetra	B.S.	H.E.
Burns, Andrew Jackson	B.S.	Agric.
Campbell, Dorothy Jerome	B.A.	Music
Carreathers, Raymond E.	B.S.	Agric.
Chester, Elle Mae Clark	B.A.	
Cleaver, Thomas Jesse	B.S.	
Cole, Verta Lee	B.S.	H.E.
Crawford, Wayne Burris	B.S.	Educ.
Crecy, Mary Lee	B.S.	H.E.
Cuffie, Elizia Lee	B.S.	H.E.
Dixon, Mildred D.	B.A.	
Dunn, Ethel Ester	B.S.	H.E.
Eagleton, Earline T.	B.S.	
Erwards, Frankie Lou	B.S.	H.E.
Fifer, Luicille M.	B.S.	H.E.
Ford, Maggie A. Polk	B.S.	Educ.
Francis, Hilda B.	B.S.	H.E.
Friday, Hortense J.	B.S.	H.E.
Gee, Cleophus	B.S.	Agric.
Goodbeer, Eddie Lee Francis	B.S.	
Graves, Braxton	B.S.	Educ.
Hampton, Olivia L.	B.A.	
Hendley, Virgil	B.S.	Agric.
Henry, Mary Catherine	B.A.	
Humphrey, Ruth	B.S.	Educ.
Jackson, Hazel Ina	B.S.	H.E.
Kinney, Lillian H.	B.S.	Educ.
King, Emma	B.S.	Educ.
Lawson, Monroe W.	B.S.	Agric.
Lee, Fred D.	B.S.	
Lee, Lucille Houston	B.S.	Educ.
Lewis, Johnnie Mae	B.A.	
McGriff, Senetta O.	B.S.	H.E.
Manley, Norine C.	B.S.	H.E.
Matson, Eloise C.	B.S.	H.E.
Mosby, Jesse Murray	B.A.	Music
Murphy, Willia M.	B.S.	H.E.
Norman, Verbe	B.S.	Agric.
Owens, Carl V.	B.A.	Music
Payne, Clara Bernice	B.A.	Music
Payne, Zenobia O.	B.S.	H.E.
Pendleton, John W.	B.A.	
Peterson, Atoy A.	B.S.	H.E.
Pleasant, Cleopatra	B.S.	H.E.
Rowe, Maurie Bonner	B.S.	H.E.
Samuel, Garland	B.S.	Agric.
Smith, Willie Mae White	B.S.	H.E.
Taylor, Sallie Mae	B.S.	I.E.
Taylor, Lois Clarke	B.A.	Music
Terry, Alphonso	B.S.	Agric.

Tucker, Zenobia Louise	B.A.	Music
Van Dyke, Juanita M.	B.A.	Music
Wheadon, John Randolph	B.S.	Agric.
Williams, Belle Qualls	B.S.	Educ.
Williams, Charlie	B.S.	H.E.
Williams, Valrie H.	B.S.	Educ.
Williams, Vernon	B.S.	
Wilson, Lena M.	B.S.	Educ.
Wilson, Wilma F.	B.S.	Educ.
Woodfall, Minnie H. N.	B.S.	H.E.
Woodfork, Maggie Betts	B.S.	
Young, Odisa	B.S.	H.E.

CERTIFICATES OF PROFICIENCY

NAME	TRADE SPECIALTY
Brooks, Leonard	Shoe Repairing
Bryant, Henry T.	Radio Servicing
Burr, Albert	Electrical Repairing
Crittenton, Avery	Electrical Repairing
Davis, Jessie	Shoe Repairing
Dobbins, Fred	Shoe Repairing
Giles, Wilbert V.	Tailoring
Graves, Foster	Shoe Repairing
Hemphill, Susie	Secretarial Activities
Jones, Ivory F.	Radio Servicing
Lee, Thelma	Tailoring
McQuirter, Odia	Shoe Repairing
Miller, Cornelia	Baking
Rowe, Jimmy	Tailoring
Thomas, Charley	Tailoring
Washington, Mary Cynthia	Dress Making and Designing

SUMMARY OF DEGREES, DIPLOMAS, AND CERTIFICATES

MAY, 1946

DEGREES	M	F	Total
Bachelor of Arts	1	17	18
Bachelor of Arts in Music	0	7	7
Bachelor of Science	1	3	4
Bachelor of Science in Agriculture	7	0	7
Bachelor of Science in Education	1	3	4
Bachelor of Science in Home Economics	0	30	30
Bachelor of Science in Nursing Education	0	1	1
Bachelor of Science in Industrial Education	1	0	1
Nursing Education Diploma	0	14	14
Master of Science	4	4	8
Trade Certificate	4	2	6
Total	19	81	100

AUGUST, 1946

DEGREES	M	F	Total
Bachelor of Arts	1	6	7
Bachelor of Arts in Music	1	6	7
Bachelor of Science	4	3	7
Bachelor of Science in Agriculture	10	0	10
Bachelor of Science in Education	1	10	11
Bachelor of Science in Home Economics	0	23	23
Bachelor of Science in Industrial Education	0	1	1
Master of Science	9	10	19
Trade Certificate	8	2	10
Total	34	61	95

SUMMARY OF ENROLLMENT
(VETERANS INCLUDED)

FIRST SEMESTER 1946-47

	Agric.		A & S		H.E.		M.A.		N.E.		Total Grand		
	M	F	M	F	M	F	M	F	M	F	M	F	Total
Graduate	7	0	15	14	0	0	2	0	0	2	24	16	40
Senior	57	0	25	65	0	49	12	3	0	12	94	129	223
Junior	34	0	39	61	0	49	14	3	0	16	87	129	216
Sophomore	49	0	74	171	0	99	38	6	0	0	161	276	437
Freshman	65	0	120	134	0	91	113	3	0	18	298	246	544
Special	4	0	1	3	0	1	37	0	0	0	42	4	46
Total	216	0	274	448	0	289	216	15	0	48	706	800	1506

Second Semester 1946-47

Graduate	7	0	17	8	0	0	3	1	0	2	27	11	38
Senior	61	0	25	67	0	51	12	2	0	11	98	131	229
Junior	41	0	44	53	0	50	15	2	0	11	100	116	216
Sophomore	52	0	72	156	0	96	39	5	0	0	163	257	420
Freshman	80	0	118	126	0	94	126	1	0	19	324	240	564
Special	5	0	0	1	0	1	36	0	0	0	41	2	43
Total	246	0	276	411	0	292	231	11	0	43	753	757	1510

Both Semesters—1946-47—Excluding Duplicates

Graduate	8	0	20	15	0	3	3	1	0	2	31	21	52
Senior	63	0	27	69	0	52	13	3	0	12	103	136	239
Junior	41	0	45	62	0	52	16	3	0	17	102	134	236
Sophomore	56	0	81	175	0	103	46	6	0	0	183	284	467
Freshman	90	0	131	139	0	101	142	2	0	20	363	262	625
Special	5	0	1	3	0	1	41	0	0	0	47	4	51
Total	263	0	305	463	0	312	261	15	0	51	829	841	1670

DISTRIBUTION OF VETERANS ENROLLED AT
PRAIRIE VIEW A & M COLLEGE

First Semester—1946-47

	M	F	M	F	M	F	M	F	M	F	M	F	
Graduate	4	0	8	0	0	0	2	0	0	2	14	2	16
Senior	50	0	16	2	0	1	9	0	0	0	75	3	78
Junior	23	0	20	0	0	0	3	0	0	0	51	0	51
Sophomore	28	0	29	0	0	0	24	0	0	0	81	0	81
Freshman	42	0	48	1	0	1	85	0	0	0	175	2	177
Special	4	0	1	0	0	0	38	0	0	0	43	0	43
Total	151	0	122	3	0	2	166	0	0	2	439	7	446

Second Semester

	M	F	M	F	M	F	M	F	M	F	M	F	
Graduate	4	0	12	0	0	0	2	0	0	2	18	2	20
Senior	53	0	18	2	0	1	9	0	0	0	80	3	83
Junior	30	0	24	0	0	0	9	0	0	0	63	0	63
Sophomore	31	0	30	0	0	0	26	0	0	0	87	0	87
Freshman	53	0	49	1	0	0	92	0	0	0	194	1	195
Special	5	0	0	0	0	0	33	0	0	0	38	0	38
Total	176	0	133	3	0	1	171	0	0	2	480	6	486

Both Semesters—Excluding Duplicates

	M	F	M	F	M	F	M	F	M	F	M	F	
Graduate	4	0	14	0	0	0	2	0	0	2	20	2	22
Senior	54	0	18	2	0	1	4	0	0	0	76	3	79
Junior	30	0	25	0	0	0	16	0	0	0	71	0	71
Sophomore	33	0	35	0	0	0	31	0	0	0	99	0	99
Freshman	55	0	52	1	0	1	103	0	0	0	210	2	212
Special	5	0	1	0	0	0	38	0	0	0	44	0	44
Total	181	0	145	3	0	2	194	0	0	2	520	7	527

SUMMARY OF ENROLLMENT
SUMMER SESSION 1946
(VETERANS INCLUDED)
First Term

	Agric.		A & S		H.E.		M.A.		N.E.		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	
Graduate	21	0	57	64	0	32	4	0	0	0	82	96	178
Senior	57	0	29	91	0	96	6	1	0	15	92	203	295
Junior	31	0	18	61	0	50	15	1	0	12	64	124	188
Sophomore	25	0	30	47	0	49	17	1	0	0	73	88	160
Freshman	20	0	37	17	0	8	12	0	0	15	69	40	109
Special	9	0	13	25	0	6	97	3	0	0	119	34	153
Workshop	0	0	5	40	0	0	0	0	0	0	5	40	45
Total	163	0	189	345	0	241	151	6	0	42	503	634	1137

Second Term
(VETERANS INCLUDED)

	M		F		M		F		M		F		M	F
	M	F	M	F	M	F	M	F	M	F				
Graduate	22	0	68	65	0	14	6	0	0	0	96	79	175	
Senior	63	0	35	113	0	102	8	1	0	15	106	231	337	
Junior	27	0	20	54	0	50	17	0	0	10	64	114	178	
Sophomore	21	0	22	34	0	29	12	0	0	0	55	63	118	
Freshman	22	0	32	22	0	8	33	0	0	15	87	45	132	
Unclassified	0	0	2	3	0	1	3	0	0	0	5	4	9	
Total	155	0	179	291	0	204	79	1	0	40	413	536	949	

SUMMER SESSION 1946
First Term

	M		F		M		F		M		F		M	F
	M	F	M	F	M	F	M	F	M	F				
Graduate	5	0	16	1	0	0	0	0	0	0	21	1	22	
Senior	31	0	12	3	0	1	2	0	0	0	45	4	49	
Junior	24	0	7	2	0	1	5	0	0	0	36	3	39	
Sophomore	22	0	16	1	0	2	6	0	0	0	44	3	47	
Freshman	19	0	28	0	0	0	5	0	0	0	52	0	52	
Special	7	0	10	0	0	0	93	0	0	0	110	0	110	
Total	108	0	89	7	0	4	111	0	0	0	308	11	319	

Second Term

	M		F		M		F		M		F		M	F
	M	F	M	F	M	F	M	F	M	F				
Graduate	9	0	20	1	0	0	1	0	0	0	30	1	31	
Senior	42	0	15	3	0	1	3	0	0	0	60	4	64	
Junior	23	0	8	0	0	0	6	0	0	0	37	0	37	
Sophomore	19	0	17	0	0	1	6	0	0	0	42	1	43	
Freshman	19	0	31	0	0	0	11	0	0	0	61	0	61	
Special	0	0	1	0	0	0	83	0	0	0	84	0	84	
Unclassified	0	0	2	0	0	0	2	0	0	0	4	0	4	
Total	112	0	94	4	0	2	112	0	0	0	318	6	324	

Intersession

AUGUST, 1946

(VETERANS INCLUDED)

	M		F		M		F		M		F		M	F
	M	F	M	F	M	F	M	F	M	F				
Graduate	0	0	1	0	0	0	1	0	0	0	2	0	2	
Senior	26	0	7	16	0	4	2	0	0	0	35	20	55	
Junior	13	0	7	3	0	3	5	0	0	0	25	6	31	
Sophomore	6	0	6	1	0	0	3	0	0	0	15	1	16	
Freshman	7	0	5	0	0	0	8	1	0	0	20	1	21	
Unclassified	0	0	0	0	0	0	7	0	0	0	7	0	7	
Total	52	0	26	20	0	7	26	1	0	0	104	28	132	

DISTRIBUTION OF VETERANS

Intersession

AUGUST, 1946

	M		F		M		F		M		F		M	F
	M	F	M	F	M	F	M	F	M	F				
Graduate	0	0	0	0	0	0	1	0	0	0	1	0	1	
Senior	23	0	4	1	0	0	1	0	0	0	28	1	29	
Junior	11	0	6	0	0	0	5	0	0	0	22	0	22	
Sophomore	6	0	5	0	0	0	3	0	0	0	14	0	14	
Freshman	6	0	5	0	0	0	8	1	0	0	19	1	20	
Unclassified	0	0	0	0	0	0	6	0	0	0	6	0	6	
Total	46	0	20	1	0	0	24	1	0	0	90	2	92	

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