

BULLETIN
OF
McPHERSON COLLEGE
CATALOGUE NUMBER

PUBLISHED BY
McPHERSON COLLEGE
McPHERSON, KANSAS

The College Bulletin is issued in February, May, August and November of each year.

Entered as second class matter Feb. 16, 1912, at the post-office at McPherson, Kansas, under the Act of July 16, 1894.

CALENDAR

1921

- May 30—Monday, Summer Session begins.
 July 8—Friday, Summer Session ends.
 Sept. 12-13—Monday and Tuesday, Registration.
 Sept. 14—Wednesday, First Semester begins; opening address, 10:00 a. m.
 Nov. 24—Thursday, Thanksgiving Recess.
 Dec. 29—Thur., 4:30 p. m., Christmas Recess begins.

1922

- Jan. 2—Mon., 10:30 p. m., Christmas Recess ends.
 Jan. 22—Sunday, Bible Institute begins.
 Jan. 23-24—Monday afternoon and Tuesday, Registration for second semester.
 Jan. 26—Wed., 8:00 a. m., Second Semester begins.
 May 19—Friday, 8:00 p. m., Piano Recital.
 May 20—Saturday, 8:00 p. m., President's Reception to the College Seniors.
 May 21—Sunday, 8:00 p. m., Baccalaureate Sermon.
 May 22-23—Mon. and Tues., Final Examinations.
 May 22—Monday, 8:00 p. m., Vocal Music Recital.
 May 24—Wednesday, Field Day.
 May 25—Thursday, Class Day.
 May 25—Thursday, Annual Alumni Meeting.
 May 25—Thursday, 8:00 p. m., Alumni Reunion.
 May 26—Friday, 10:00 a. m., Thirty-fourth Annual Commencement.

BRETHREN EDUCATIONAL BOARD

- D. W. Kurtz, PresidentMcPherson, Kan.
 D. M. Garver, Vice PresidentTrotwood, Ohio.
 D. C. Reber, Sec-Treas.North Manchester, Ind.
 John S. FloryBridgewater, Va.
 J. W. Lear ...3435 W. Van Buren St., Chicago, Ill.
 H. Spenser Minnich, Assistant Secretary, Elgin, Ill.

BOARD OF TRUSTEES

President D. W. Kurtz, Ex-officio.

TERM EXPIRES 1933

Northern MissouriElder E. G. Rodabaugh, Stet.

OklahomaElder F. E. Marchand, Thomas.

Northwestern Kan. and Northeastern Colo., Elder
G. W. Burgin, Burr Oak, Kan.

S. W. Kan. and S. E. Colo. Elder J. J. Yoder, McPherson,
Kan. and W. R. Bish, Rocky Ford, Colo.

TERM EXPIRES 1932

Northeastern KansasNorman Saylor, Morrill

Southeastern KansasGideon E. Shirky, Madison

Middle Missouri ..Elder W. W. Holsopple, Versailles

S. W. Kan. and S. E. Colo., H. J. Harnly, McPherson,
Kan. and R. C. Strohm, McPherson, Kan.

Alumni TrusteeElder W. H. Yoder, Morrill, Kan.

TERM EXPIRES 1931

W. Colo. and Utah, Elder J. E. Bryant, Grand Junction,
Colo.

Southern MissouriElder D. W. Teeter, Jasper

NebraskaElder S. G. Nickey, Haxtun, Colo.

Idaho and W. Montana, S. A. Rhodes, Nampa, Idaho.

S. W. Kan. and S. E. Colo., F. A. Vaniman, McPherson,
Kan. and J. N. Dresher, McPherson, Kan.

EXECUTIVE COMMITTEE OF THE BOARD

Elder J. J. YoderPresident

F. A. VanimanVice-President

H. J. HarnlySecretary

J. H. Fries.....Assistant Secretary

President D. W. Kurtz, Ex-officio. R. C. Strohm.

J. N. Dresher.

FACULTY FOR 1921-1922.

DANIEL WEBSTER KURTZ, A. M., B. D., D. D.

A. B., 1905, (Juniata College); B. D., *magna cum laude* 1908; A. M., 1908 (Yale); student in universities of Leipzig, Berlin, and Marburg; professor of Greek, 1909-1910, (Juniata College); D. D., 1911, (Juniata College); pastor First Church of the Brethren, Philadelphia, 1910-1914. President of the College and Professor of Philosophy, 1914.*

HENRY JACOB HARNLY, B. S., A. M., Ph. D.

B. S., 1891; A. M., 1892, (Illinois Wesleyan); A. B., 1892, (Harvard); Ph. D., 1900, (Illinois Wesleyan); Special student in Leland Stanford Junior University, 1910-1911. Dean of the College and Professor of Physiology and Bionomics, 1911; 1892.

AMANDA FAHNESTOCK, A. B., B. D.

B. S. L., 1903; A. B., 1916; B. D., 1917 (McPherson College); Instructor in Bible; Dean of Women, 1920; 1912.

ELMER LEROY CRAIK, A. M.

A. B., 1910; A. M., 1911, (McPherson College). Graduate student in University of Kansas, 1915 to 1917; A. M., 1916 (University of Kansas.) Professor of History and Political Science, 1914; 1919.

JOSEPH J. YODER, A. B.

A. B., 1913, (McPherson College). Professor of the Bible and Social Science. Business Manager of the College, 1911.

JOHN ALVIN BLAIR, A. M.

A. B., 1917; A. M., 1918 (University of Kansas.) Professor of Education and Psychology; Registrar 1918; 1911.

ELLIS M. STUDEBAKER, A. B.

A. B., 1916, (McPherson College); Graduate Student, University of Kansas and University of Chicago. Professor of Greek and Bible, 1911.

ROBERT ELLSWORTH MOHLER, M. S.

Professor of Agriculture, 1913.
B. S. D., 1907 (McPherson College) A. B., 1912, (Mt. Morris College); Michigan Agricultural College, 1913; M. S., 1917., (Kansas State Agricultural College); Professor of Agriculture, 1913; Dean of Men.

*The first date indicates the year of appointment to present position; the second denotes the year of first connection with the faculty, when such is not indicated by the one date.

BARTEL EDWARD EBEL, A. M.

A. B., 1909 (McPherson College); A. M., 1910 (University of Kansas). Professor of Latin and Greek, McPherson College, 1905-1909. Graduate student in Harvard University, on Austin scholarship, 1914-1916.

Professor of Ancient and Modern Languages, 1920; 1905.

MINNIE WALTERS, B. S.

B. S., 1910, (Oklahoma A. and M. College).

Professor of Home Economics, 1914.

WILLIAM O. BECKNER, A. M.

A. B., 1909; A. M., 1915, (McPherson College.)

Field Secretary, 1916.

JESSIE BROWN, B. M.

Diploma from Bethany Conservatory, 1907; B. M., 1910, (Bethany). Piano instructor in Bethany, 1908-1913; Student in Royal Conservatory, Leipzig, Germany, 1913-1914.

Director of Piano School, 1915.

J. HOWARD FRIES

Graduate Cambrian Business College, Johnstown, Pa., 1913; completed course in Business Writing, Zanerian in 1914; summers of 1915 and 1916, student in New York University; taught in South Fork High School, Pa., 1912-13. Worcester (Mass.) Business Institute, 1913-'15; principal Commercial Department, Elizabethtown College, 1915-'16; Superintendent of Commercial School; Assistant Business Manager, 1920; 1916.

AMMON SWOPE, A. M.

A. B., 1912 (Mount Morris College) - A. M., 1914, (University of Chicago); Instructor in Physics, Mount Morris College, 1912-1913; Instructor in Industrial Education, University of Chicago, summer 1914; Teacher in Industrial Education, Montana State College, summer 1914; Superintendent Manual Training, Jefferson County High School, Boulder, Montana, 1914-1916.

Professor of Industrial Education, 1916.

CHARLES STEPHEN MORRIS, A. M.

A. B., 1913, (Manchester College); Professor of Physics and Chemistry, Blue Ridge College, 1913-1914; Graduate Assistant in Physics, Ohio State University, 1914-1915; A. M., 1915, (Ohio State University); Graduate student, University of Chicago, summer 1916; Professor of Mathematics and Physics, Mount Morris College, 1916-1917.

Professor of Mathematics and Physics, 1917.

JOHN WILLARD HERSHEY, M. S.

B. S., 1907; M. S., 1910 (Pennsylvania College); Graduate student in Harvard, Johns Hopkins and Chicago.
 Professor of Chemistry, 1918.

JOHN WILBY DEETER, A. B., B. D.

A. B., 1913, (McPherson College); B. D., 1918, (Yale University).
 Professor of Theology and Director of Religious Extension, 1919; 1918.

MARY EDITH McGAFFEY, A. M.

A. B., 1918 (McPherson College); A. M., 1919 (University of Kansas.)
 Professor of English, 1919

MRS. J. W. DEETER, B. S. D.

B. S. D., 1913, (McPherson College); Student in Charcoal and China Painting (1915-1918) in New Haven, Conn.; Special student in Art, Chicago, summer 1919.
 Instructor in Art, 1919.

MAURICE A. HESS, A. M.,

Graduate Cumberland Valley Normal, 1908; A. B., 1914 (Ursinus College); A. M., 1917 (University of Pa.).
 Principal of Academy, 1921; 1919.

A. RAY LAUER

Graduate (1917) of four year course, Palmer College Conservatory, Albany, Mo. One summer with Wort B. Morse, Kansas City, Mo. One summer with Arcule Sheasby, Highland Park College, Des Moines, Ia. Post graduate work (1917-1918 and 1919-1920) under Arthur E. Uho, Bethany College, Lindsborg, Kan. Four months under Armand Parent at Schola Cantorum, Paris. Composition under Vincent d'Indy, Paris. Two years assistant instructor of Violin Palmer College. One summer head of Violin department, Creston School of Music, Creston, Ia.
 Professor of Violin, 1919.

DAVID HENRY HOOVER, A. M., M. S., B. D., Th. D.

B. E., 1910; A. B., 1913; A. M., 1914 (Bridgewater College); M. S., 1916 (Vanderbilt University); B. D., 1918 (University of Chicago); Th. D., 1920 (Southern Baptist Theological Seminary).
 Professor of Social Science, 1920.

HARVEY HARLOW NININGER, A. M.

A. B., 1914 (McPherson College); A. M., 1917 (Pomona College). Professor of Biology, 1920.

ALMA GLADYS ANDERSON, A. B.

A. B., 1920 (McPherson College).
 Professor of Public Speaking, 1921.

PAULINE VANIMAN, R. M.

B. M., 1917 (McPherson College); B. M., 1919 (Bethany College); student in Oberlin Conservatory, 1920-1921.
 Instructor in Piano and History of Music.

E. J. UNRUH

Instructor in Shorthand and Typewriting, 1921.

FORREST WILLIAM GAW

Diploma from David Grosch School of Music, Kansas City, Mo., 1918; Private instructor three years; Student in New York under A. Phillips, Madame Valeri, and Frederick Cheeswright.
 Director of the Vocal School, 1921.

LOLA M. HILL, A. B.

Instructor in German, 1921.

OLIVER H. AUSTIN, A. B., B. D.

A. B., 1915, B. D., 1920, (McPherson College.)
 College Evangelist, 1915.

MRS. HAZEL AUSTIN, A. B.

A. B., 1920, (McPherson College.)
 Evangelistic Singer, 1915.

MARGUERITE MOHLER

Librarian, 1920.

RUTH KILMER

Assistant Librarian, 1920.

LORA TROSTLE

Matron, 1915.

ARTHUR C. LONBORG, LL. B.

LL. B., 1921, (University of Kansas); Assistant Coach University of Kansas; Coach, 1921.

COMMITTEES OF THE FACULTY

Administration—Kurtz, Yoder, Harnly

Publications—Craik, Blair, McGaffey.

Classification—Harnly, Blair, Craik.

Library—Kurtz, Craik, Nininger, Hess.

Athletics—Mohler, McGaffey, Fries.

Advertising—Beckner, Blair, Yoder.

Social—Swope, Mrs. Deeter, the Matron.

Discipline—Yoder, Harnly, Mohler, the Matron.

Student Welfare—Morris, Hoover, Hershey.

Fahnestock,

Literary Societies—Hess, Ebel, Anderson.

Appointments—Blair, Swope.

Student Council—Swope, Hershey.

Health—Nininger, Harnly, Walters.

Schedule—Morris, Craik.

Chapel—Deeter, Hershey, Studebaker.

Lecture Course—Kurtz.

Director of Religious Extension—Deeter.

Registrar—Blair.

The President of the college is ex-officio a member of all committees.

GENERAL INFORMATION

LOCATION AND ACCESSIBILITY

McPherson, Kansas, is not far from the center of the state whose geographical and material advantages have been made famous in Governor Hoch's celebrated metaphor, "The rich, juicy meat in the heart of the national sandwich." It is a thriving little city of forty-four hundred people and is the seat of government of McPherson County. It is a city of prosperous merchants, beautiful homes, parks, and shade trees, and is surrounded by waving fields of wheat, corn and alfalfa. The climate is mild and healthful.

McPherson is easily accessible from all parts of the country. The El Paso division of the Rock Island system, over which run daily through trains between Chicago and California, passes through it. A branch of the Santa Fe system connects McPherson with the main line at Florence and at Ellinwood. The Union Pacific connects McPherson with Salina, and the Missouri Pacific at El Dorado and Newton.

The College is beautifully situated on an elevation at the eastern end of Euclid street, the principal east and west thoroughfare of the city. The campus is dotted with growing maples, elms and evergreens, and is far enough from the center of business to insure an environment most favorable to student life.

The city sewer system has been extended to College Hill. It runs up Kansas Avenue and has four laterals extending north, one of them through the campus, and connection has been made with the buildings.

East Euclid Street is paved up to the campus with asphaltic concrete pavement, which makes it one of the favorite driveways of the city.

HISTORY

The history of McPherson College dates back to the year 1887, when at the Annual Conference of the Church of the Brethren held at Ottawa, Kansas, a committee was appointed at an educational meeting to locate and organize a college and industrial institute. The officers of the movement were: S. Z. Sharp, Pres.; M. M. Eshelman, Sec.; and George E. Studebaker, Business Manager.

September 5, 1888, school was opened in Fahnestock Hall, and the enrollment of the year reached almost 200. Owing to a financial crisis, a re-organization took place in 1895. Outstanding indebtedness was soon cancelled and in 1898 the Sharp Administration building was completed. The name "McPherson College," was adopted in 1898 when a new charter was secured.

IMPORTANT DATES

- 1887—School Committee appointed at Annual Conference.
- 1888—Fahnestock Hall built and foundation laid for Sharp Administration building.
- 1888—School opened.
- 1895—Reorganization.
- 1898—Sharp Administration building completed.
- 1898—Institution named "McPherson College."
- 1906—Carnegie Library built.
- 1909—College farm bought.
- 1909—James Richardson donated farm for agricultural purposes.
- 1911—Alumni gymnasium built.
- 1912—Board of Trustees increased to 15.
- 1913—Election of Trustees by District Conferences.
- 1913—Departments of Agriculture and Home Economics organized.

- 1915—New Heating Plant built.
 1916—Arnold Hall built.
 1917—Completion of \$225,000 endowment.
 1919—Erection of second dormitory for ladies.
 1921—Accredited with North Central Association
 of Colleges and Secondary Schools.

PRESIDENTS OF McPHERSON COLLEGE

- S. Z. Sharp, A. M., 1888—1896.
 C. E. Arnold, A. M., 1896—1902.
 Edward Frantz, A. M., D. D., 1902—1910.
 S. J. Miller, A. M., L. H. D., 1910—1911 (acting
 President.)
 John A. Clement, Ph. D., 1911—1913.
 H. J. Harnly, Ph. D., 1913—1914 (acting Presi-
 dent.)
 Daniel Webster Kurtz, A. M., B. D., D.D., 1914.

CONTROL OF THE COLLEGE

McPherson College is the property of the Church of the Brethren and is under the direct control of the following state districts: S. W. Kansas and S. E. Colorado, N. E. Kansas, S. E. Kansas, N. W. Kansas and N. E. Colorado, Nebraska, Northern Missouri, Middle Missouri, Southern Missouri, Oklahoma, Western Colorado and Utah, and Idaho and Western Montana. The trustees, seventeen in number, are all members of the Church of the Brethren, who are influential and aggressive in education. Of the Board, five, constituting an executive committee, have immediate supervision of the school. The president of the college is ex-officio a member of the Board. The Alumni of the college elect one member of the Board.

PURPOSE AND IDEALS

McPherson College was established in order to provide the young people of the Church of the Brethren with facilities for a thorough Christian educa-

tion. However, there is no denominational test for admission, and its doors are open to all persons of good moral character who are in sympathy with the general spirit of the institution.

The College considers education a development of the whole being—body, mind, and spirit. While the most thorough and exacting intellectual discipline is demanded, special care is taken that the whole atmosphere of the school shall be favorable to spiritual culture also. High ideals of character are constantly held forth, for true education includes both the acquisition of power and the direction of this power to worthy ends. Training for honorable service for humanity and for appreciation of the best things life affords, are ideals distinctly taught.

The institution stands definitely for the doctrine of "The Simple Life." Modesty in dress and deportment, general simplicity of life, the dignity of all honest labor, are popular ideas. No aristocracy, save that of character, is known.

BRETHREN EDUCATIONAL BOARD

The Annual Conference has appointed a General Educational Board of five members. Committees of the Board are sent to each of the Brethren schools to promote co-operation between the church and the schools. The visit of the committee has always been helpful to our school.

MORAL AND RELIGIOUS INFLUENCES

The high ideals and principles for which the college itself stands, together with most favorable surroundings, combine to impart to the student life a moral tone of an exceptionally high order. McPherson has two colleges, many live churches, a large and active Y. M. C. A., a public library, and other uplifting agencies. It is freer than the average city or

town, from vices which are likely to prove pitfalls for young people. McPherson depends for its prosperity upon the rich agricultural community which surrounds it, and consequently, the city is free from the less desirable classes of inhabitants. It is an ideal college town; just the kind of place in which it is a pleasure to live, and to which it is safe for parents to send their sons and daughters.

In the college, chapel exercises are held each school day, and regular evening devotion in the dormitory. The morning watch is observed, and systematic daily Bible study pursued by many. There are Sunday School and two preaching services in the college chapel each Lord's day. Active young people's societies exert a strong Christian influence upon the students. The teachers, who always determine the religious tone of an educational institution, are Christian men and women, and their daily work is permeated by the Christian spirit.

MATERIAL EQUIPMENT

SHARP ADMINISTRATION BUILDING

The Main Building, finished in 1898, is ninety-four feet wide by one hundred seventeen long, and contains three stories. In this building are the chapel, recitation rooms, commercial hall, laboratories, Irving Society hall, the book room, and the Administration offices.

FAHNESTOCK HALL

The Men's Dormitory, built in 1888, is a three-story building, 40 by 100 feet, with basement. The students' rooms are large and well lighted, and are equipped with steam heat and electric lights. Water can be had on any of the three floors. There is a well furnished lobby on the first floor. There are baths and lavatories in the building. In accord-

ance with the state law, fire escapes are conveniently arranged on the building.

ARNOLD HALL.

The Ladies' Dormitory is built of pressed brick, trimmed in Bedford limestone and is a model of beauty and convenience. It is 32 by 70 feet with a wing 32 by 40 feet, three stories and basement. Kitchen and dining room are in the basement.

There are large parlors, matron's rooms, baths, and toilet on each floor, and thirty-five students' rooms. The rooms are large with large closets and are furnished with most comfortable and substantial furniture. This is an ideal home for the girls.

NEW DORMITORY FOR LADIES

This is the seventh building to be erected on the campus. It is a commodious three story brick building and contains seven suites of two rooms each and eleven single rooms. It is modern in every respect.

ALUMNI GYMNASIUM.

The Gymnasium was erected in 1911. It is a cement block building, 48x76, with basement, main floor and gallery. It contains one office, one large gymnasium floor 46x64, two well equipped dressing rooms, two class rooms, one laundry, and a furnace room.

LIBRARY

The Carnegie Library, erected in 1906, is a building of two stories. The main floor and one large room in the basement are used for library purposes. There are about 7,000 books besides pamphlets and magazines in the stack rooms. The reading rooms are amply equipped for the needs of students. They are furnished with mission furniture, and the walls decorated with pictures donated by the King of

Italy. Additional shelving has been put in, convenient to study tables, providing room for reference books for the various departments. During the year many volumes have been added, practically all being the latest and best in each department. The library is especially well equipped in reference and encyclopedic works and card indexes and the entire library is catalogued by the Dewey Universal System, thus making it easily and readily available. The Readers' Guide Index to periodical Literature has also been added. The library hours are from 8:00 a. m. to 5:30 p. m. every day except Sunday and Monday, and from 1:30 to 5:30 p. m. on Monday.

THE MUSEUM

The museum occupies the basement of the library and consists of:

- (a.) A collection of local mammals.
- (b.) A collection of local birds and birds' skins.
- (c.) A collection of birds' eggs.
- (d.) A collection of local cretaceous fossils, also carboniferous fossils from Illinois.
- (e.) A collection of Indian, Cliff Dweller, and Moundbuilder relics.
- (f.) A collection of minerals.
- (g.) A collection of rocks.
- (h.) A collection of missionary relics from India, China, and South America.
- (i.) A collection of corals, sea shells, and seaweeds.
- (j.) A collection of miscellaneous relics.

The college is dependent largely upon its friends for the enlargement of these collections and solicits donations. Due recognition will be given to donors.

AGRICULTURE

The School of Agriculture is organized to meet the needs of the young man who may need instruction closely identified with the life of the farm, home, and shop. Its sole purpose is to fit men for life in the open country, and to make country life more attractive; to make the work shop more efficient; in short, to dignify and improve industrial life. It is for those of every walk of life who wish a larger view and greater skill in doing the world's work.

McPherson has conditions that especially fit it for the location of an agricultural college. It is located in the heart of a great agricultural region noted for its wheat, corn, kaffir corn, alfalfa, etc. Its soil conditions are the very best, many types being available for study. Located near the college are some of the best cattle feeders of the state, modern dairies, and pure bred herds of various kinds of livestock. All these are available for student observation and study.

The equipment of the department is fast becoming what is expected of modern agricultural colleges. Aside from the improvement that has recently been placed in the form of equipment, many companies have found it to their advantage to place their products in our laboratory for student study and observation. The last named equipment consists of such pieces as gasoline engines, cream separators, incubators, etc. The department is well equipped to do first-class work.

THE COLLEGE FARMS

The Demonstration Farm, consisting of 150 acres, is located just south of the college campus. It is one of the finest farms in this part of the

county; the location is ideal, and the surface is just sloping enough to drain. A number of acres located on the north side of the farm are used for experimental purposes. We purpose in our experimental work to repeat but little of the very expensive work carried on by the state, but rather to profit by their suggestions, planting varieties of grain considered by them to be especially good, using methods of culture that they recommend, and in all our efforts striving to find the best for this region. Reports are published from time to time in our bulletins as to the results which we are securing.

RICHARDSON FARM

The Richardson farm, consisting of 160 acres, is located several miles east of the College. This farm is a gift of the late James H. Richardson. Mr. Richardson, while not a member of the Brethren Church and in no way connected with the College, felt the need of better facilities for the teaching of agriculture. The gift of this farm for the promotion of the study and teaching of agriculture is his response to this need.

SMITH FARM

Rev. C. B. Smith and wife, formerly of Morrill, Kansas, in 1919 transferred the title to their 320 acre farm located in Osborne County, Kansas, to McPherson College. This farm is located in the heart of the wheat belt and is considered a very valuable gift.

WAGONER FARM

The original Wagoner homestead, located near Red Cloud, Nebraska, in 1920 became the property of McPherson College. This farm is the gift of Miss Amanda Catharine Wagoner of Scottville, Michigan, and Miss Anna Wagoner of Seattle, Wash.

DOMESTIC SCIENCE

The Domestic Science department is equipped with all the necessary apparatus for the practical teaching of cooking, sewing, and allied studies. The cooking department is equipped with tables, 5 oil stoves, hot and cold water, and a complete outfit of cooking utensils, dishes, etc., (to accommodate 12 girls), a dining table, chairs, china and silverware which are used for teaching the girls how to prepare the tables and how to serve the meals properly.

The Sewing department has three sewing machines, sewing tables, drafting outfit, and everything for the use and convenience of the young ladies in this department.

INDUSTRIAL EDUCATION.

The manual training shops are located on the lower floor of Fahnstock Hall. The main shop is a room 40 by 16 feet, well heated and lighted from one side. In addition to this there is a well lighted finishing room, a tool room, and a large stock room. On the same floor are two large lecture rooms and several smaller rooms which will be used by the department.

The shop is equipped with ten student benches of the cabinet type and one instructor's bench. The room is supplied with water, steam heat, and electricity. The machines of the department are operated by individual motor drive.

In the finishing room will be found the best brands of fillers, dyes, and finishing materials.

The tool room contains a classified assortment of general shop tools and a variety of special tools. The tools are of a standard make.

The stock room is supplied with hard and soft

wood, selected and kiln dried. A small quantity of three-ply material and foreign woods is kept on hand.

Each bench is equipped with necessary tools, a vise, lockers, etc.

The equipment of the department makes possible the construction and finishing of many different projects in elementary and advanced woodworking, cane and reed work, upholstery, metal decoration, etc.

APPARATUS

AGRICULTURE

The laboratory is sufficiently equipped to give courses in Soil Physics, Dairying, Farm Mechanics, and Farm Crops. The following rather expensive pieces of equipment are to be found: Soils shakers for mechanical analysis, babcock tester, gasoline engine, cream separators, incubators, electric oven, seed tester, dynamometer, colorometer, soil tubes, and great quantities of glass ware, and numerous other smaller items, such as must be found in a modern laboratory.

BIOLOGY

The material equipment consists of thirty-two modern microscopes, projection microscopes, stereopticon, balopticon, microtome, paraffine baths, electric incubator and sterilizer, and other general apparatus, microscopic and lantern slides, latest maps and charts, collections of birds, mammals, and insects for systematic study, herbarium, etc. The department has a good reference library.

There is a large collection of stuffed animals and preserved material for illustration, several hundred slides, drawings of all types of animals, tables, pans, and a complete supply for laboratory work;

also, Dr. Fr. Sigmund's *Physiological Histology of Man and Mammalian animals* and his microscopic preparations in eight parts, each part consisting of from ten to twelve of the most perfect preparations that modern German histologic technique has made possible. There has recently been added quite a collection of lepidoptera and coleoptera, besides a general collection of insects for class work in classification. In Botany there are herbarium, slides, and other necessary things for efficient laboratory work. There is a large number of recent and valuable books in the library for reference work. McPherson county is rich in flora and fauna, since in it there are four or five geologic formations. The basin area is especially rich in protozoa, while two rivers and several running streams and many springs are rich in cryptogams and lower animal forms.

LABORATORIES.

THE CHEMISTRY LABORATORY.

The chemistry laboratories occupy a part of the basement of Sharp Hall. One of the two main laboratories is given over to the Freshman and Sophomore courses and the other to advanced work. Besides these two there is a lecture room adjoining the elementary laboratory, a stock room, and the professor's office and laboratory. The elementary laboratory will accommodate fifty-six students working at one time and the advanced laboratory twenty-four. Each student's working place is provided with water and gas. The laboratories are equipped with all necessary apparatus for all the courses offered, with hoods, water, gas, distilled water, and air under pressure.

GEOLOGY

The department possesses a complete set of cyrs-

tal models imported from Germany, a collection of minerals, rocks, and fossils, sufficient to illustrate the fundamentals of the science. The collections are especially rich in local minerals, rocks, and fossils.

PHYSICS

All of the apparatus is at hand to give properly courses in college and academy physics. Several sets of apparatus for each experiment are provided in academy physics, but in the other courses such duplication is not practiced. The laboratory fees in these courses are based on ordinary wear, tear, and breakage and are as low as they can be made.

There are several first class stereopticons with microscopic projections, also the latest improved Balopticon for opaque projection.

COLLEGE ACTIVITIES

THE STUDENT COUNCIL

The Student Council of McPherson College is the body governing all the student activities of the school. Its membership is made up of two representatives from each of the College classes, one from each of the Academy classes, and one each from the Commercial and Fine Arts departments. The faculty is represented by two members.

THE RELIGIOUS ORGANIZATIONS.

The Y. M. C. A. and Y. W. C. A. of the college are active and engage the efforts of the best students in the school. Under their auspices are conducted weekly Bible and Mission classes, prayer meetings, deputation work, etc. Their numerous committees give place to many of the younger students to engage in religious work.

The United Student Volunteers, commonly called the Mission Band, were organized under the auspices

of the Brethren Church in 1916. Those preparing for either home or foreign missionary work are eligible to this organization.

The Student Volunteer Movement for Foreign Missions has no organic connection with the above named missionary organization, but consists of those students who are expecting to spend their lives in missionary activity in foreign lands.

The Students' Christian Extension Department was organized in 1919. It is composed of representatives of six organizations of the school; namely, the Y. M. C. A., the Y. W. C. A., the Anti-Tobacco Association, the Foreign Volunteer Band, the Home Mission Band, and the Student Ministers' Association, the aim being to unify the efforts of these bodies. The deputation work of the students is managed thru this department.

CONTESTS

McPherson College believes in the highest development of self-expression through oratory and debate. The College is a charter member of the Kansas Intercollegiate Debating League, organized in 1919. This organization includes the fifteen leading colleges of the state. The champion debating team of the state is determined by a series of elimination contests.

Our Academy maintains debating relations with the Academy departments of Bethel and Tabor Colleges.

McPherson College is a member of the Kansas Intercollegiate Oratorical Association. Under this association yearly contests are held on any subject that may appeal to the contestant. The prizes range from three to ten dollars.

McPherson College is a member of the Kansas Inter-Collegiate Anti-Tobacco Association which was organized in McPherson in 1917. The object of the association is to interest students in the scientific study of the effects of tobacco and to create sentiment against its use. Annual local and inter-collegiate oratorical contests are held and prizes are awarded to the winners.

THE BULLETIN

The College Bulletin is published quarterly by the College in February, May, August and November. The May number is the catalogue. The publication contains much news from the school and is a great help toward keeping patrons and prospective students in touch with the institution. Copies will be sent on application to the president.

LITERARY ORGANIZATIONS

There are two literary societies in the College, Irving and Iconoclast; and two in the Academy, Emersonian and Ciceronian. These societies meet every two weeks during the school year on Saturday evening at 8:00 o'clock, the College societies alternating with the Academy societies. All programs are open to the public.

No student meeting or public meetings that would interfere with society attendance may be arranged for except with the consent of the faculty literary society committee and the president of the institution.

There are two debating clubs; one in the College and one in the Academy. These clubs meet every two weeks during the school year on Friday evening at 7:30 o'clock; alternating with each other in weeks. Membership in the debating clubs is limited

to twenty-five each. Members are elected by the clubs on the approval of the faculty literary committee.

THE ALUMNI ASSOCIATION

The Alumni Association of McPherson College is composed of all persons who have received diplomas from any department of McPherson College. At the present time it numbers about 800. The purpose of the Association is to bind closer together those that were at one time members of the school, but are now engaged in the active duties of life.

The Association attempts as far as possible to keep the addresses of all members, and several times during the year to inform all concerning the activities of the college.

The affairs of the Association are conducted by an executive board composed of fifteen members. The officers for the year 1920-1921 were R. E. Mohler, president; Edith McGaffey, vice president; Alma G. Anderson, treasurer; E. L. Craik, secretary.

ATHLETICS

The Athletic Department is managed by a committee composed of the Coach, Physical Director, students, and faculty members. The chairman of the committee is a faculty member. The student members are appointed by the College Y. M. C. A. and Y. W. C. A.

All College Freshmen are required to take Physical Training in one of the regularly organized gymnasium classes. Two semesters of class work are required for graduation from the College department. All Academy students are required to take Physical Training. Four semesters of training are

required for graduation from the Academy. Students may be excused from Physical Training work only upon written recommendation from parents or faculty.

The athletic work for men is under the supervision of a Coach. The outdoor work consists of tennis, base ball, foot ball, and track. During the winter months the indoor work includes basket ball, volley ball, tennis, and other indoor games in addition to the regular organized class work.

Professor Mohler is general manager of athletics for 1921-1922.

The physical work for girls is under the direction of a trained woman. It consists of the Emerson system—Indian club and wand exercises, rhythmic work and games. Special attention is given to constructive and corrective work.

The Gymnasium is large and well equipped, including two large and well furnished dressing rooms. The athletic field is large, including a track and base ball diamond. A sufficient number of tennis courts are well kept to meet the needs of all.

McPherson College is a member of the Kansas Inter-Collegiate Athletic Conference.

All competitive athletic games are under the direct supervision of the Director of Physical Training, and only those physically able are allowed to compete. A student must do passing work in twelve hours to play on any College team.

Limitations On College Activities.

In order to obviate the hardship incident to the holding by the student of several offices at the same time, the faculty has made the following groups, in-

dicating the number of such honors which one student may receive.

GROUP 1.

President Student Council.
 President Y. M. C. A.
 President Y. W. C. A.
 President Volunteer Band.
 Editor College Paper.
 Business Manager College Paper

GROUP 2.

Associate Editor College Paper.
 Treasurer Student Council.
 Y. M. C. A. Cabinet members.
 Y. W. C. A. Cabinet members.
 President of Oratorical or Debating clubs or musical organizations.
 Participants in debating contests.
 Student teachers or assistants.

GROUP 3.

Members Student Council.
 Gospel Team worker.
 Minister doing active outside work.
 Participants in oratorical contests.
 Athletic Association.

RULES.

1. No student may hold more than one position in group 1.
2. A student holding a position in group 1 may also hold one position in group 2 and one position in group 3.
3. A student holding one position in group 1 may also hold two positions in group 3, in case he does not also hold a position in group 2.
4. A student may hold two positions in group 2

and one in group 3, or three in group 3 and one in group 2.

5. It is suggested that so far as possible officers do not succeed themselves.

THE EXTENSION DEPARTMENT

McPherson College is attempting through this department to be of service to the surrounding communities and churches in three different lines, namely: revivals, institutes, and lecture courses.

Several members of our faculty go out during the holidays and occasionally at other times for short institutes. A limited number of institutes in the following lines may be had: Bible, music, and agriculture.

We have been assisting a number of churches and communities for several years in arranging lecture courses. Those who wish aid along this line should call early.

Address all calls for revivals, institutes, and lectures to John W. Deeter, McPherson, Kansas.

THE DORMITORIES

The dormitories are in charge of the matrons who are employed by the Board of Trustees, and devote their time to the welfare and comfort of the students. They are constant friends and advisers to the young people who come to the college.

Every effort is made to surround the students with wholesome, helpful influences, as nearly like those found in the home as possible.

The rules of conduct in these buildings are made as simple and as few as possible, but careful observance of the same is required of all, and the authority of the matrons must be respected.

Each student shall be held responsible for any damage done to furniture and buildings.

The men's dormitory is governed by a committee of ten students elected by the men themselves from their own number. These men, in connection with the Dean of Men, constitute the governing body. The plan is entirely democratic and has proved very effective in dealing with problems such as present themselves in a rooming house of this nature. The committee above mentioned attempts in every way to make the men's dormitory a real home for the men of McPherson College.

RULES OF CONDUCT.

The use of tobacco in any form, or intoxicating liquors, card-playing, gambling, unbecoming language and conduct, and dancing are prohibited.

No secret societies are tolerated.

Realizing the importance of the simple life as manifested in dress in its relation to the general well-being of the student and to the financial, physical, mental, and moral aspects of college life, the college insists upon simple, modest apparel which makes for economy, comfort, mental poise, and health.

All students are expected to exercise self-control and to put themselves under the restraints which are necessary to maintain the dignity and purpose of the College.

The student whose deportment is such as to hinder others in their moral and scholastic attainments cannot be permitted to remain connected with the College.

All students not residents of McPherson are required to room and board in the college dormitories unless special permission is obtained from the Board of Trustees to board elsewhere.

All students are expected to attend chapel exercises regularly. In exceptional cases the faculty may

grant an excuse, but no work, study, or practice of any kind will be accepted as excuse for non-attendance at these exercises.

Students are expected to attend Sunday School and preaching services each Sunday.

Students are not allowed to arrange for socials, class parties, or gatherings of any kind without first obtaining permission from the Social Committee and the President and having provided a suitable chaperon.

By order of the Board of Trustees, the official study hours are as follows: 8:00 a. m. to 12:30 p. m.; 1:30 to 4:30 p. m.; 7:30 to 10:00 p. m. All students are expected to retire at 10:30.

MISCELLANEOUS INFORMATION

Students will find it to their advantage to enter at the beginning of the school year.

Students registering late will pay \$1.00 extra.

Students are registered at the beginning of each semester. Monday and Tuesday are used for enrollment. The first semester for 1921-1922 will begin on September 12-13, 1921.

Students entering the college are requested to send to the Registrar or to bring with them their transcripts showing a record of work done in other schools.

Students entering school late or leaving early will be reduced in their credit to the extent of one hour for each week thus missed.

Each teacher has a conference hour when the students may come for assistance or for friendly interviews.

Students desiring to change courses first secure the consent of the teacher of the course from which

they wish to withdraw and next from the teacher of the course they desire to enter. The consent of these teachers having been secured, the change may be made, if in the mind of the president it is for the best interest of the student. A fee of one dollar must be paid for any change in course after the end of the second week.

Students boarding with families are subject to the same rules as students living in the college dormitory in regard to study hours, attendance at chapel and Sunday services, receiving company, and all matters pertaining to their department. Men and women may not room in the same home. Families wishing to take students as roomers or boarders MUST arrange with the college management beforehand, and agree to see to it that the rules and regulations are observed.

A contingent deposit, to insure against damage to property, is required of each student. After deducting charges, the balance will be returned at the end of the year, on return of deposit receipt. Room deposit receipt is good for one year only. Students are urged to deposit their money in a bank down town so as to prevent loss.

Parents are urged to keep in touch with the school, and to assist the faculty in bringing about the best results possible in the education and discipline of their children.

Visitors are always welcome. Guests of the institution should apply at the office of the president so that they may be entertained.

All students of the academy and of the freshman and sophomore classes of the College are assigned to members of the faculty who act as their advisers.

The President of the college is ex-officio adviser of the college senior class and the Principal of the academy serves in the same capacity to the senior academy class.

Junior and senior college students choose as advisers the teachers of their respective major subjects.

No student shall be permitted to engage in extra-institutional activities other than regular church activities, without the consent of the President of the college.

An official emblem and seal have been adopted by the college and it is expected that all classes and organizations shall restrict themselves to the use of the same. No class pins other than the college pin are permitted.

The college charges one dollar for each special examination given, such fee to be devoted to the library fund. Students required to take special examinations apply first to the Treasurer of the college for a permit and present this to the teacher under whom the examination is to be taken.

A fee of one dollar is charged all undergraduate students who apply for state certificates. A similar fee is charged all students for duplicate copies of transcripts of credits.

Students representing the college on Gospel teams will first be approved by the Director of Religious Extension.

Agents and solicitors will not be permitted to operate among the students on the college campus.

Students should inform their correspondents that all letters and other mail intended for students of the college should be plainly marked "McPherson College", since there are two colleges in McPherson.

All articles necessary for the student's comfort except such as are listed in the expense items will be furnished by the student himself. The student should bring quilts and comforts, blankets, sheets, pillows, pillow cases, napkins, rugs, etc.

A pamphlet containing suggestions for a suitable wardrobe for women students has been prepared for free distribution to all girls who consider enrolling in McPherson College. Girls are requested to write to the Dean of Women, McPherson College, for a copy of the same.

FELLOWSHIPS AND SCHOLARSHIPS

The University of Kansas offers annually a fellowship valued at \$350 to one member of the Collegiate graduating class. Only students who have spent at least two years in residence in McPherson College are eligible. The candidate is chosen by our faculty on the basis of scholarship and general ability and is recommended to the Graduate School of the University for election. The fellowship for the year 1921-1922 is held by Paul R. Yoder, of Sabetha, Kans.

To be eligible to the University fellowship a student must have spent at least two years in residence in McPherson College.

Other fellowships can be obtained at the University by ambitious graduates of our institution.

PRIZES

Through kindness of friends of the college, the following prizes are made available:

Irving - Iconoclast Oratorical Prizes.—Open to the members of strictly college rank. First prize, five dollars, the gift of F. A. Vaniman; second prize, three dollars.

Discussion Contest.—Open to students of strictly college rank. First prize, seven dollars; second prize, three dollars. Both prizes are the gift of W. E. Ray.

The rules of contest for the above prizes are administered by the faculty literary society committee.

Expositors Prize.—Fifteen dollars worth of books will be given to the ministerial student delivering the best expository sermon. The contest is open to both academy and college students. Sermon must be outlined and written out in full manuscript form before it is finally delivered.

SCHOLARSHIPS

There are always some students who must have financial help if they are to be able to continue education. It is hoped that generous hearted men and women will open the way through giving scholarships (\$70. each) for this purpose. Some Sunday School classes help in this way and we hope many others will do so.

Special offerings which are lifted on Educational Sunday, are, by vote of the Trustees, applied to the scholarship fund.

McPherson College also, in common with other denominational colleges of Kansas, offers free tuition during the first semester of the Freshman and Sophomore years to any highest honor graduate of any high school or academy of Kansas. The academy senior class of McPherson College shares in these scholarships.

The college further invites country school graduates into its Academy and offers a year's tuition free to the honor country school graduate of any county in its territory.

Further information regarding any of the above scholarships will be gladly furnished by the college to any one interested.

REPORTS TO PARENTS AND GUARDIANS

Recognizing the anxiety of parents and guardians respecting the progress of the young people whom they are sending us, the college makes a report each semester. The report contains the student's class record.

EXPENSES

One study, one-third tuition; two studies, two-thirds; and three studies full tuition. A semester is 18 weeks.

Bookkeeping and Stenography are each equivalent to two studies.

Tuition, a semester, including library and incidental fees	\$37.50
Tuition, a week for less than a semester.....	2.25
Typewriting, a semester, extra.....	10.00
Tuition in the above is for all courses except Music and Art.	
Special examination fee	1.00
Board only, a week	6.00
Board and room, a week	7.50
Board, fuel, room rent, tuition, incidental fees and light (not including electric bulb) a semester	\$150.00
Total paid in advance for full year	295.00

Because of present uncertainties we reserve the right, if necessary, to change above prices during the year.

Expenses are payable by the semester, cash in advance. Settlement is required before a student is enrolled for class work.

Students voluntarily rooming alone will be charged extra.

Holiday vacation at week rates in the dormitory.

Students leaving on account of sickness will be charged at week rates for less than a semester and the balance will be refunded.

Students who are suspended or expelled will receive no refund.

Those who discontinue their work for other causes will be charged at week rates, and will receive a refund, provided satisfactory reasons are given for withdrawing.

When a refund is given, tuition is charged for at least one-half semester; when a semester is more than half expired, no rebate will be given for the remainder of that semester.

Text books and stationery are kept on sale at the college book store and are sold for cash only. Students should bring with them any text books that they may have on hand.

LABORATORY FEES

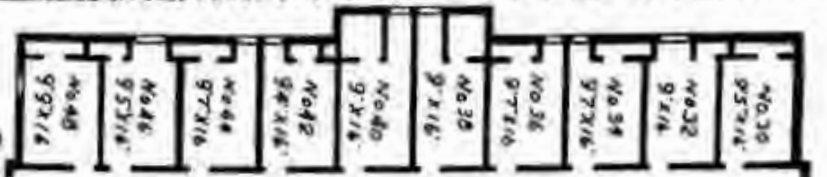
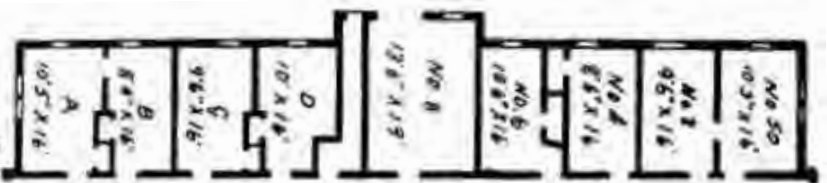
All courses in Chemistry, other than those in Organic, each a semester.....	\$5.00
Courses in Organic Chemistry, each a semester	6.50
Household Chemistry.....	2.00
Academy Physics, a semester	2.00
Elementary Physics, a semester	2.50
College Physics, a semester.....	3.00
Advanced Laboratory Physics, a semester, (2 hrs.)	4.00
Astronomy, a semester50
Surveying, a semester	2.00
Physiology, a semester	1.00
Biological courses, a semester	2.50
Academy Botany, a semester	1.00
Academy Zoology, a semester	2.00
General Science, a semester50
Shop fee (Manual Training), a semester	4.00
Wood Turning, a semester	3.00

LABORATORY FEES FOR AGRICULTURE.

Horticulture 2	\$1.00 a semester
Agronomy 1	1.00 a semester
Agronomy 2	1.00 a semester
Teachers' Agric	2.00 a semester
Animal Husbandry 5	2.50 a semester
Agronomy 5	1.00 a semester

LABORATORY FEES FOR DOMESTIC SCIENCE AND ART.

Hand sewing	\$2.00 a semester
Machine sewing	2.00 a semester
Embroidery.....	1.00 a semester
Food preparation.....	7.00 a semester



First Floor

FLOOR PLANS, FAHNESTOCK HALL

Second Floor

Third Floor



Third Floor

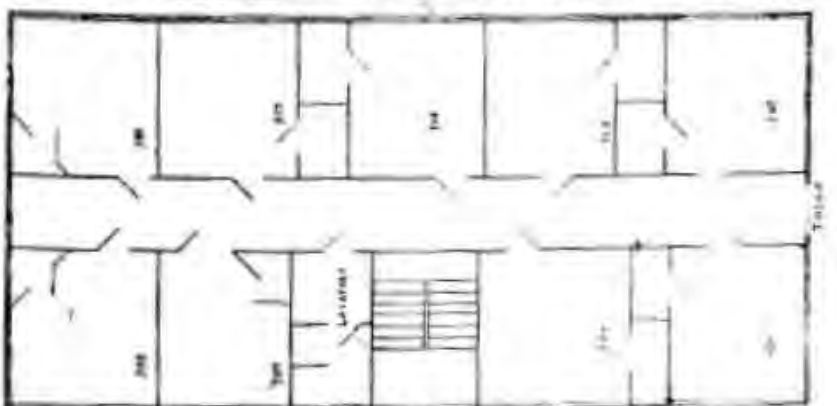
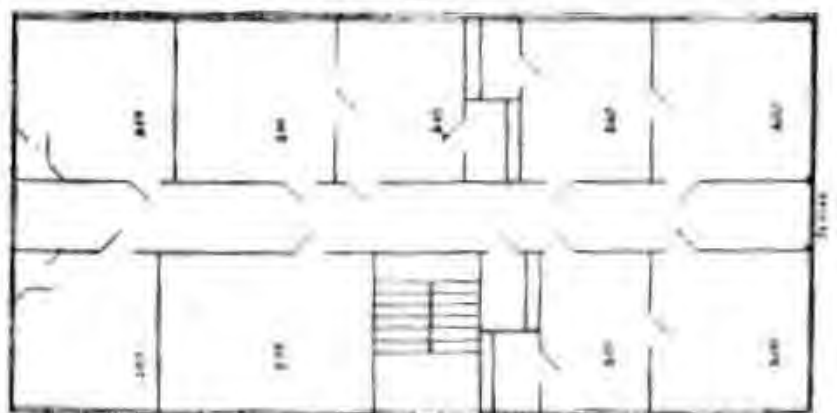
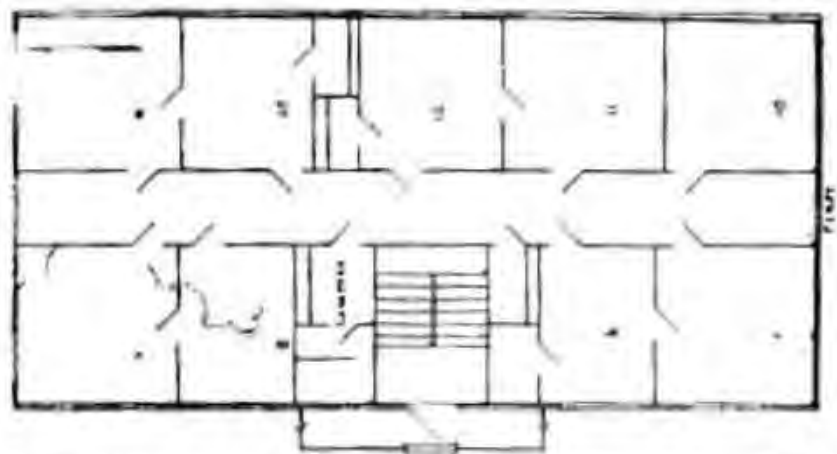


Second Floor



First Floor

FLOOR PLANS, ARNOLD HALL



FLOOR PLANS NEW LADIES' DORMITORY

THE COLLEGE REQUIREMENTS FOR ENTRANCE

The total requirements for admission shall be 15 units, 7 of which shall be chosen from groups I. to IV., as indicated below. The remaining 8 units may be chosen from the subjects outlined in the six groups.

Group I.—English: Minimum, 3 units; maximum, 4 units.

Group II.—Mathematics: Minimum, 2 units; maximum, 4 units.

When the minimum requirement only is presented it shall be elementary Algebra, 1 unit, and Plane Geometry, 1 unit.

Group III.—Science: Minimum, 1 unit; maximum, 4 units. General Science, 1 unit; Botany, 1 unit; Zoology, 1 unit; Entomology, $\frac{1}{2}$ unit; Physics, 1 unit.

Group IV.—History and Social Science: Minimum, 1 unit; maximum, 4 units. Ancient and Medieval History, 1 unit; Modern History, 1 unit; American History, 1 unit; Civics, 1 unit.

The order in which the History shall be taught is that outlined in the manual of the State Board of Education.

Group V.—Foreign Languages: Minimum, none; maximum, 6 units.

Group VI.—Miscellaneous: Maximum, 5 units. Agriculture, 3 units; Bookkeeping, $\frac{1}{2}$ or 1 unit;

Commercial Law, $\frac{1}{2}$ unit; Stenography, 1 unit; Domestic Science, 1 unit; Domestic Art, 1 unit; Music, 2 units; Drawing, 1 unit; Manual Training, 2 units; Methods and Management, $\frac{1}{2}$ unit; Psychology, $\frac{1}{2}$ unit; Commercial Geography, $\frac{1}{2}$ unit; Bible, 2 units.

REQUIREMENTS FOR GRADUATION

In order to be a candidate for the degree of Bachelor of Arts, or Bachelor of Science, the student must have completed 120 semester hours of class work, and two semesters of physical training. A semester hour consists of one hour recitation or two hours laboratory work a week for eighteen weeks.

Students who enter without a foreign language must take three years of foreign language before receiving the A. B. degree. This may consist of three years of one language or two years of one language and one of another.

A candidate for a bachelor's degree must have secured at least thirty hours credit in residence.

COLLEGE GROUPS

I. English—11 hours required.

English Language and Literature
Public Speaking

II. Mathematics and Physical Science—10 hours required.

Chemistry	Astronomy
Physics	Surveying
Geology	Mathematics

III. Biological Sciences—10 hours required.

Botany	Physiology
Zoology	Agriculture

IV. Philosophy and Theology—7 hours required.

V. Bible—6 hours required.

VI. Social Sciences—10 hours required.

History	Sociology
Political Science	Economics

VII. Education and Psychology—3 hours required.

VIII. Ancient Languages.

Greek	Latin
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IX. Modern Languages.

French	German
Spanish	

X. Miscellaneous.

Art	Home Economics
Music	

- Five hours of College Rhetoric are required of all Freshmen not offering it as a fourth year of entrance English.
- Freshmen and Sophomores may not carry more than ten hours in one group at a time.
- General Psychology is a pre-requisite to all courses in Education.
- Five hours of Physiology is required of all students not offering Physiology as entrance credit.
- Majors may be selected from the above groups. A major shall consist of not fewer than 24 hours nor more than 36 hours. Not fewer than 30 hours nor more than 48 hours may be selected from the group from which the major is selected. Majors must be selected by the beginning of the Junior year.
- In addition to the 120 hours required for graduation each student is required to take one year of physical training.
- In order to be accepted as a candidate for the bachelor's degree a student must have received a grade of A, B, or C in at least 80 hours of the 120 submitted.

INCOMPLETE GRADES AND FAILURES

The work of a student who fails to report for final examination is graded I or F. If his class standing has been above passing he is graded I, but if his class standing has been below passing he is graded F. If the work has been of passing quality but some part remains unfinished he is graded I.

Grade I may be removed by passing a special examination upon the payment of a fee of one dollar, but unless removed before the beginning of the cor-

responding semester of the following year it becomes a failure and the student must re-enroll in the course.

Grade **F** may be removed only by such re-enrollment.

THE COLLEGE PURPOSE.

The above requirements for graduation are believed to furnish a broad cultural education and at the same time permit the student, by his selection of electives, to make definite preparation for later work in strictly professional schools. The credits secured receive due recognition when presented to the University of Kansas and other graduate schools.

STATE TEACHERS' CERTIFICATES.

1. McPherson College fulfills the requirements of the laws of Kansas and the State Board of Education for the certification of teachers. Any graduate of the Arts Course who shall have met the minimum state requirement of eighteen hours of education, including three hours of General Psychology, three hours of School Administration, and three hours of either Philosophy of Education or Educational Psychology, may receive the three year renewable state teacher's certificate. This certificate is valid in any high school or elementary school in the state. At the completion of two years of successful teaching before the expiration of the certificate, the holder of the certificate may have the certificate renewed for life. This renewal may be obtained by application to the State Board of Education.

2. Graduates of any approved four-year high school who complete two years' work at McPherson College and include in the two years the professional branches required by the State Board of Educa-

tion, namely, three hours of **Methods in Education** and three hours of **School Management**, are entitled to a three-year certificate without examination. This certificate is valid in any elementary school or junior high school and two-year course high school in the state. This certificate is renewable for three-year periods.

Membership in the North Central Association.

In March, 1921, McPherson College was fully accredited by the North Central Association of Colleges, thus securing recognized standing among all the leading colleges and universities in the United States.

STANDARDS.

Fifteen hours a semester constitute regular work. Students desiring to carry more than eighteen hours must confer with the classification committee.

Application for college credit on work done in other schools must be made during the first semester in residence.

Students may not drop studies or change courses except by consent of the classification committee.

SCALE OF GRADING

The letter **A** indicates high honor and is reserved for very distinguished work.

The letter **B** indicates very good work of much more than average quality.

The letter **C** indicates that the work has been of good average quality.

The letter **D** indicates that the work has been the lowest in quality that will enable the student to pass the course.

The letter **I** indicates that the work is incomplete.

The letter **F** indicates failure.

THE COLLEGE FACULTY.

Daniel Webster Kurtz, A. M., B. D., D. D.

President of the College and Professor of Philosophy.

Henry Jacob Harnly, A. M., Ph. D., Dean of the College.

Professor of Physiology and Bionomics.

Joseph J. Yoder, A. B.

Professor of Rural Sociology.

Amanda Fahnestock, A. B., B. D.

Instructor in Bible.

Elmer LeRoy Craik, A. M.

Professor of History and Political Science.

John Alvin Blair, A. M.

Professor of Education and Psychology.

Ellis M. Studebaker, A. B.

Professor of Greek and Bible.

Robert Ellsworth Mohler, M. S.

Professor of Agriculture.

Ammon Swope, A. M.

Professor of Industrial Education.

Bartel Edward Ebel, A. M.

Professor of Ancient and Modern Languages.

Charles Stephen Morris, A. M.

Professor of Mathematics and Physics.

John Willard Hershey, M. S.

Professor of Chemistry.

Minnie Walters, B. S.

Professor of Home Economics.

John Wilby Deeter, A. B., B. D.

Professor of Biblical Theology.

Mary Edith McGaffey, A. M.

Professor of English.

Harvey Harlow Nininger, A. M.

Professor of Biology.

David Henry Hoover, A. M., Th. D.

Professor of Sociology and Economics.

Alma Gladys Anderson, A. B.

Professor of Expression.

COURSES OF INSTRUCTION.

AGRICULTURE

PROFESSOR MOHLER

Agronomy 3.—Farm Crops 3. This course is a scientific study of the grain crops. Special emphasis is placed upon the leading cereal crops of this region, the best methods of production, preparation of the seed bed, and methods of improvement. Each student is expected to do some original work in crop improvement. This course consists of class work, lectures, field trips, and observation work on the experiment plots. **First semester, 4 hours.**

Agronomy 4.—Farm Crops 4. This course is a continuation of Farm Crops 3, but deals with forage crops instead of the grains. The plan of the course is the same as the above. **Second semester, 4 hours.**

Agronomy 5.—Soils. A general course. The first quarter's work centers around tilth, and moisture as limiting factors in crop production, and such consideration is given the origin, texture, properties, and physical constants of the soil as will develop judgment as to the proper method of cultivation. In the second quarter we study the chemistry of the soil, as related to crop production, and emphasize the proper use of manures and crop rotation to maintain the nitrogen and humus content of the soil. The nature, use, and needs of commercial fertilizers are considered. Field and laboratory study is required in connection with class work. **First semester, 4 hours.**

Agronomy 6.—Farm Management. This course is a general study of farm life from an economic

standpoint. The purpose of the course is to consider the farm as a business proposition. Such subjects as the following are considered, size of the farm, number and shape of fields, crop rotation, marketing of crops, farm records and accounts, roads, schools, churches, etc. A survey is made of some of the more successful farms in the community with a view of determining labor incomes, methods of carrying on business, etc. **Second semester, 4 hours.**

Agronomy 7.—Problems in Agronomy. An advanced study of the problems of crops and soils. Students sufficiently advanced and capable of doing research work will be admitted into the course.

Animal Husbandry 4.—Feeds and Feeding. The course in Feeds and Feeding makes a careful study of nutrition and digestion, the composition of the body of the animal, and the composition of various animal products. A knowledge of these makes possible an intelligent study of the relation existing between the food consumed and the products produced. A careful study is made of the records of the feeding experiments carried on at different stations. Some practical work will be done. Students who take this course should have had courses in Physiology and Chemistry. **Second semester, 4 hours.**

Animal Husbandry 5.—Dairying. This course deals with a study of the various types and breeds of dairy cattle. Attention is given to the development, care, and handling of the dairy herd. The laboratory work of the course consists of work with the Babcock Test in all of its phases, the operation of the cream separator, the detection of adulteration in dairy products, and the scoring of butter, cheese, etc. An observation trip is required in this course. **First semester, 4 hours.**

Animal Husbandry 6.—Animal Pathology.—In this course a study is made of the diseases of farm animals. The purpose of the course is to make it possible for a student having taken the work to diagnose the common diseases met with on the farm, to understand thoroughly the nature and effect of each, and to administer such remedies as are within the province of the well trained farmer. The course is exceedingly practical and interesting.

Farm Mechanics.—Agricultural Engineering. This course is a study of the machinery used on the farm. The first half of the course is a study of the physics of agriculture. It includes work with machinery of all classes, dealing particularly with their construction and operation. The last half of the course deals with farm motors. It involves a study of both the principles and operation of the steam and gasoline engines, together with such accessories, as the lubricator, injector, etc. Special attention is given to the operation of the gasoline engine and the trouble common to the same. **First semester, 4 hours.**

Genetics.—(See Course 3, page 50.)

Agricultural Chemistry.—(See Course 10 on page 53.)

HERKLE WAMPLER, LABORATORY ASSISTANT.

BIOLOGY

PROFESSOR NININGER

PROFESSOR MOHLER

1. **General Zoology.**—A general course in morphology, physiology, habits, distribution, and classification of invertebrates. Two lectures and one laboratory period a week. **First semester, 3 hours.**

2. **General Zoology.**—A continuation of course

1. Same plan of study applied to vertebrates. **Second semester, 3 hours.**

3. **Invertebrate Zoology.**—A systematic study of invertebrates. Largely individual work. Lectures once each week. Prerequisite, course 1. Both semesters. Credit in proportion to work done, with a maximum of three hours a semester.

4. **Vertebrate Morphology.**—A comparative study of the various classes of vertebrates. Laboratory work and one conference a week. **Second semester, 3 hours.**

5. **Osteology.**—A comparative study of the vertebrate skeleton with laboratory exercise in the cleaning and mounting of the same.

6. **General Botany.**—A general course in the thallophytes, bryophytes, and pteridophytes. Two lectures and one laboratory period each week. **First semester, 3 hours.**

7. **General Botany.**—A continuation of course 6, dealing with spermatophytes. **Second semester, 3 hours.**

8. **Systematic Botany.**—A course in collecting, preserving, and classifying the local flora. Individual work with conferences. Maximum of 3 hours credit a semester.

9. **Entomology.**—A general course in anatomy, physiology, economic importance, and classification of insects. **First semester, 3 hours.**

10. **Birds of Kansas.**—A study of birds in their natural haunts, with lectures once a week. **Second semester, 2 hours.**

11. **Microtechnique.**—A course in the prepara-

tion of botanical slides. Includes work in killing, fixing, imbedding, cutting, staining, and mounting of material for microscopic study. Laboratory. **First semester, 2 hours.**

BIONOMICS, PHYSIOLOGY AND GEOLOGY

DOCTOR HARNLY
PROFESSOR MOHLER

The physiological department is equipped with modern apparatus for demonstration and experimental work. The apparatus consists of microscopes, charts, manikins, skeletons, slides, etc. The department has a good reference library.

1. **Physiology.**—Open to freshman college students. Lectures, text-book and reference readings, laboratory work including the study and drawing of the principal tissues of the body. Notes and outline required. **First semester, 3 hours.**

2. **Physiology**—Continuation of course 1. The last twelve weeks will be devoted to the subjects of reproduction and sex, personal hygiene, public health and sanitation. **Second semester, 2 hours.**

3. **Genetics**—This subject involves a study of variation and heredity as applied to the breeding and improving of plants and animals. Careful attention is given to the behavior of hybrids. A study of pedigrees is made, together with a survey of the practical results that have been attained in the improvement of breeds and varieties. Such subjects as breed associations, advanced registry, grading, cross breeding, line breeding, inbreeding, etc. are considered. A portion of the time of this course is devoted to a study of eugenics. **Second semester, 4 hours.**

4. Bionomics—A lecture and reference reading course in the study of life, with special reference to ecological, developmental, and historic problems. **Second semester, 4 hours.**

5. Histology.—The physiological histology of man and mammalian animals based upon the texts, drawings, and preparations of Professor Dr. Fr. Sigmund of Teshen, Austria. Four hours laboratory, one hour recitation. **First semester, 3 hours.**

6. Histology—Continuation of course 5. **Second semester, 3 hours.**

7. Geology—The department has a good collection of minerals, fossils, and rocks, as well as a good reference library. McPherson county is especially rich in geological formations and fossils.

The course consists of a study of the most important minerals and rocks, the elements of crystallography, lectures, text-book, reference readings, notes on lectures, field work. A collection of rocks, minerals, and fossils, and a thesis are required. **First semester, 4 hours.**

CHEMISTRY

PROFESSOR HERSHEY.

1. General Chemistry.—This course is designed as a prerequisite to all other courses in chemistry and as a subject of general culture. Lectures and quizzes, three hours; laboratory work, four hours. **First semester, 5 hours.**

2. General Chemistry and Qualitative Analysis.—Continuation of Course 1. The last ten weeks are devoted to Qualitative Analysis. Lectures and quizzes, three hours; laboratory, four hours. **Second semester, 5 hours.**

3. Quantitative Analysis.—Chiefly a laboratory course in gravimetric and volumetric determinations. Such lectures as are desirable will be given. Laboratory, six or ten hours a week. Prerequisite, Course 2. **First semester, 3 or 5 hours.**

4. Organic Chemistry (Elementary).—A brief course designed for a general course in Organic Chemistry, including both the aliphatic and aromatic compounds for students in Domestic Science, and preliminary to advanced Organic Chemistry. Lectures and quizzes, three hours; laboratory four hours a week. Prerequisite Course 2. **Second semester, 5 hours.**

5. Advanced Quantitative Analysis.—A continuation of Course 3. This course covers the general procedure of gravimetric and volumetric analysis, fundamental operations. Accuracy and speed are insisted upon. Laboratory, ten hours a week. **First semester, 5 hours.**

6. Physical Chemistry.—A general course in Physical and Theoretical Chemistry. Lecture and quizzes, three hours a week. Course 3 a prerequisite. Given in 1921-1922 and alternate years thereafter. **Second semester, 3 hours.**

7. Organic Chemistry (Advanced).—A study of the aliphatic compounds with a thorough drill in the organic reactions. They are studied as a system rather than as a series of isolated and independent parts. Lectures and quizzes, two hours a week; laboratory, four hours a week. Prerequisite, Course 4. **First semester, 4 hours.**

8. Organic Chemistry (Advanced).—A continuation of Course 7. This course is a study of the aroma-

tic compounds. Courses 7 and 8 will be given in alternate years. **Second semester, 4 hours.**

9. Household Chemistry.—This is a course designed to give students in home economics some work related directly to their household life. It includes a study of air, water, fuels, sewage, soap, cleaning, dyeing, textiles and foods. Recitations, three hours a week; laboratory, four hours a week. Prerequisites, Chemistry 2. **First semester, 5 hours.**

10. Agricultural Chemistry.—A course primarily designed for the students who are majoring in Agriculture. Analytical Chemistry applied to analysis of farm products, etc., such as grains, fertilizers, soils, dairy products, water, etc. Prerequisite, Chemistry 3. Laboratory about seven or eleven hours a week. **Either semester, 3 or 5 hours.**

Note:—A breakage fee of \$2.00 is required in all courses accompanied by laboratory work. The unused portion will be returned to the student at the close of the year. Students whose breakage exceeds the amount of their breakage deposit must settle for same before receiving credit for their work.

MR. BLACKMAN, LABORATORY ASSISTANT.

MR. SLGER, LABORATORY ASSISTANT.

MISS KULAH CRUMPACKER, LABORATORY ASST.

ECONOMICS AND SOCIOLOGY

DOCTOR HOOVER
PROFESSOR YODER

1. Economics.—A general course. The principles of economic life are studied with constant reference to the economic aspects of legal and political problems and to the development of the United States. Factors in production, consumption, distribution, exchange, value, labor, capital, monopolies.

taxation, etc., are considered. **First semester, 3 hours.**

2. Modern Industrial Conditions.—A study of social and economic problems of modern industrialism, giving emphasis to the human factors, such as social justice and representation in industry; a basis of reconstruction and present tendencies in the industrial world. **Second semester, 4 hours.**

3. Rural Economics.—See under Agriculture, pages 46 and 47.

4. Sociology.—An introductory course setting forth the scope and function of Sociology, considering the causes which affect the life of society, the nature and analysis of the life of society, social evolution, and social control. The aim of the course is to give the student a distinct and consistent attitude or point of view. **First semester, 4 hours.**

5. The Family.—A brief historical survey; the family, as an institution, the basis of the social order, and its individual members; its economic and social functions; tendencies and deteriorating influences in family life. **Second semester, 3 hours.**

6. Rural Sociology.—In this course is taken an inventory of the conditions of life in rural communities. Tendencies and deficiencies are noted, special problems are mapped out, and ways of betterment are indicated according to the best ideals of social life. The course aims to be practical and to lead the student to a right policy and to useful action. **First semester, 3 hours.**

7. Social Pathology.—An analysis of pathological conditions, statistically and by the "case method". Study of the causes and the extent of patho-

logical conditions and the means and methods of prevention. **Second semester, 3 hours.**

8. Pure Sociology.—In contrast to applied sociology—"the origin and spontaneous development of society." Stress is laid upon the genetic and the natural factors of social development and the socialization of achievement. **Second semester, 4 hours.**

9. Contemporary Socialism.—A review of the progress of Socialism and its present position. A study of the theories of Lasalle, Karl Marx, Carl Marlo, and others. Christian Socialism, Anarchism, Russian Nihilism, and an historical survey of state Socialism. **Second semester, 4 hours.**

10. Delinquents, Dependents, and Socializing Methods of Treatment.—Causes, hereditary and environmental. Extent of delinquency and dependency. Corrective and punitive measures used and their relative value. **First semester, 3 hours.**

11. Criminality, Pauperism, Punishment, and Prison Reform.—Causes of crime are studied and relation of crime to pauperism. The ineffective methods of penal and corrective institutions. Some results of parole, probation, and prison reform. **Second semester, 3 hours.**

EDUCATION AND PSYCHOLOGY

PROFESSOR BLAIR

(General Psychology is a prerequisite for courses in Education.)

1. History of Education.—In this course attention is given to the motives and methods of the leading educators of the world, ancient and modern. Essential features of educational development are

emphasized to serve as a basis for an intelligent understanding of present-day theory and practice. Open to seniors. **First semester, 3 hours.**

2. School Administration—This course is a study of the problems of organization and supervision of school systems, including state, county, city and local units. Open to Seniors. **Second semester, 3 hours.**

3. Psychology of Education—A general course in the study of mental development as related to education. Open to Juniors. **First semester, 3 hours.**

4. Philosophy of Education—A study of the principles underlying education and their application in a democratic society. Open to Juniors. **Second semester, 3 hours.**

5. Adolescence.—A course based upon psychology dealing with the development of the adolescent mind. It seeks to explain the behavior peculiar to individuals at this period of life as well as to suggest rational methods of instruction and discipline. Prerequisite, general psychology. **Second semester, 2 hours.**

6. Methods in Education.—A course designed to provide training in general method followed by special methods. Open to Sophomores. **First semester, 3 hours.**

7. School Management.—A course which attempts to give the student, in the light of accepted principles, a knowledge of the technique of successful school management. The following and kindred topics are discussed in detail: the problem of attention, the conduct of the recitation, school government, order and discipline, school incentives, offenses

and penalties, routine and habit, and testing results. Open to Sophomores. **Second semester, 3 hours.**

8. General Psychology.—A Freshman course giving a general survey of the field of Psychology. Following a brief consideration of animal, individual, abnormal, and social psychology, a careful study is made of the field of normal human Psychology. It is required of all Freshmen and is a pre-requisite for all courses in the Department of Education. Text-book, with lectures, discussions, and reports. **Second semester, 3 hours.**

9. Experimental Psychology.—A three-hour course in this subject will be offered which is open to all who have had the course in General Psychology or its equivalent. This course will combine the regular experiments in Psychology with applied Psychology in education. **Second semester, 3 hours.**

N. B. General Psychology (3 hours) should be taken preceding any of the above courses in Education. These courses satisfy the requirements of the State Board of Education for the "Three Year Certificate Renewable for Life" and the "Three Year Certificate Renewable for Three Year Periods." See Secs. 7 and 14, State Teachers' Certificates, Bul. 1917. Students who expect to apply for either of the above certificates should consult with the head of the department before enrolling.

INDUSTRIAL EDUCATION.

PROFESSOR SWOPE.

1. Mechanical Drawing. — An introductory course, including the use of instruments, lettering, geometrical problems, and projections. Prerequisite, Plane Geometry. **First semester, 2 hours.**

2. **Machine Drawing.**—A course in machine parts and shop drawings. Prerequisite, course 1. **Second semester, 2 hours.**
3. **Free-Hand Drawing.**—See Art School.
4. **Architectural Drawing I.**—Plan and elevation drawing of simple structures. Prerequisite, Mechanical Drawing. **First semester, 2 hours.**
5. **Architectural Drawing II.**—Continuation of course 4, but including perspective, shades, and shadows, etc. **Second semester, 2 hours.**
6. **Bench Work I.**—An introductory course in the use of hand tools. Emphasis is placed on design and construction and the care of tools. **First semester, 4 hours.**
7. **Bench Work II.**—Continuation of course 6. **Second semester, 4 hours.**
8. **Carpentry.**—Lectures and practice. Prerequisite, Bench Work I and Architectural Drawing I. **First semester, 2 hours.**
9. **Wood Finishing.**—Lectures and practice. Interior and exterior. Prerequisite, Bench Work I and II. **Second semester, 2 hours.**
10. **Wood Turning.**—Prerequisite, Bench Work I and II. **Either semester, 2 hours.**
11. **Cabinet Making I.**—Advanced work in design, joinery, and finishing. Prerequisite, Bench Work I and II, and Wood Turning. **First semester, 4 hours.**
12. **Cabinet Making II.**—A continuation of course 11. **Second semester, 4 hours.**
13. **Vocational Guidance.**—A study of the prob-

lems and methods of vocational direction. **First semester, 2 hours.** (Not offered in 1921-1922.)

ENGLISH LANGUAGE AND LITERATURE

PROFESSOR MCGAFFEY

7. Rhetoric and Composition.—This course aims at the mastery of the fundamentals of Rhetoric through their practical application in oral and written themes, and in class room discussions. Required of all Freshmen. **First semester, 3 hours.**

8. Rhetoric and Composition.—A continuation of course 7. Required of all Freshmen. **Second semester, 2 hours.**

9. Advanced Composition.—Description and Narration will form the basis of themes, supplemented by detailed analysis of literary masterpieces. Courses 7 and 8 prerequisite. **First semester, 3 hours.**

10. History of English Literature.—A study of the periods of English literature, a definition of the main types, and the reading of typical works illustrating both. Recitations on assigned reading, reports on outside reading, lectures, and supplemental text-book work. Open to Sophomores. **First semester, 3 hours.**

11. History of English Literature.—A continuation of Course 10. **Second semester, 3 hours.**

12. History of American Literature.—This course is planned to show the various forms and movements in American literature. It includes the reading of typical works, recitation and reports on assigned reading, and lectures. Course 10 Prerequisite. Open to Sophomores. **Second semester, 3 hours.** (Not offered in 1921-1922.)

13. Browning and Tennyson.—The poems that

are most typical of Browning and Tennyson are studied in this course. Enough of the drama is included to enable the student to learn the dramatic method of both authors. Open to Juniors and Seniors. **Second semester, 2 hours.**

14. Shakespeare.—This course is planned to give a general introduction to the study of Shakespeare; an acquaintance with the plays themselves, as well as with the relation of Shakespeare to his age. **First semester, 3 hours.**

15. Contemporary Literature.—A study of the modern drama and the contemporary verse of England and America. Open to juniors and seniors. **Second semester, 3 hours.**

16. Nineteenth Century Poets.—A study of selections from the chief English poets, with special attention to Wordsworth, Coleridge, Byron, Shelley, Keats. **First semester, 3 hours.** (Not offered 1921-1922.)

GERMAN

PROFESSOR EBEL

5. German Classics.—Selected works from Goethe, Lessing and Schiller. **First Semester, 4 hours.**

6. German Classics.—Continuation of Course 5. **Second Semester, 4 hours.**

7. Wallenstein.—**First Semester, 4 hours.**

8. Goethe's Lyrics. **Second Semester, 4 hours.**

GREEK

PROFESSOR STUDEBAKER.

1. Greek I.—Allen's First Year of Greek; lessons I-II. **First semester.**

2. Greek II.—Allen's First Year of Greek; lessons XLI-LXXX. **Second semester.** Students who

complete Greek I. and II. will receive **8 hours credit.**

3. Greek III.—A review of the vocabulary, grammar, and syntax of Allen's First Year of Greek and selected readings. **First semester, 4 hours.**

4. Greek IV.—The Greek of the New Testament. A study of Robertson's Grammar of the Greek of the New Testament in the light of historical research and a translation of the Gospel according to Luke. **Second semester, 4 hours.**

5-6. Greek V. and VI.—Electives. Offered upon demand by a sufficient number of students. **First and second semesters, 8 hours.**

HISTORY AND POLITICAL SCIENCE.

PROFESSOR CRAIK

DOCTOR HOOVER

1. Greek and Roman History.—A brief survey of the classical nations with special emphasis on social, economic, and political progress and contributions. Open to Freshmen and Sophomores. **First semester, 3 hours.**

2. Medieval History.—A study of European civilization from the fall of Rome to the fifteenth century. The study centers about such subjects as the barbarian invasions, the medieval church, the rise of the states of Europe, the universities, the Crusades, and other large movements of the times. Open to Freshmen and Sophomores. **First semester, 3 hours.**

3. Modern History.—A continuation of course 2. Emphasis is laid on the development of the various movements and institutions that have made the nations of Europe really modern. Open to Freshmen and Sophomores. **Second semester, 3 hours.**

4. English History.—A rather detailed study of

the history of the English nation and its dependencies from the earliest times to the present. The relation of England's constitutional progress to the world's advance furnishes an instructive study. Open to Freshmen and Sophomores. (Not offered 1921-1922.) **First semester, 3 hours.**

5. American History.—An extensive and detailed course covering the entire field of American history. An effort is made to present the very latest interpretation of men and events. Only Juniors and Seniors are admitted to the course. **First and second semesters, 8 hours.**

6. Reformation and French Revolution.—A survey of two of the most important epochs of the world's history. Medieval and Modern History are prerequisites. Open to Juniors and Seniors. (Not offered 1921-1922.) **Second semester, 4 hours.**

7. Church History.—The origin, problems, schisms, triumphs, and general progress of the Christian church. The first semester covers the period to the Reformation, and the second from that time to the present. Medieval and Modern History are prerequisites. **First and second semesters, 6 hours.**

8. American Government.—An appreciative inquiry into the origin, purpose, and functions of the various organs of the American government. Particularly is the course concerned with the present day reaction of our governmental system to the problems of modern life. Open to Freshmen and Sophomores. **First semester, 3 hours.** (Not offered in 1921-1922.)

9. Political Science.—An introduction to the study of political theory since the beginning of the state. The study is not confined to any one state but

deals with such questions as the origin of the state, its justification, an analysis of its constitution, and the proper functions for its exercise. Open to Juniors and Seniors. **First semester, 3 hours.**

10. **European Governments.**—This course deals with the constitutions and the political life of the various important states of Europe, the greater stress being laid on England, France, and Germany. Open to Juniors and Seniors. **Second semester, 3 hours.**

HOME ECONOMICS

PROFESSOR WALTERS

1. **Sewing III.**—Class work 2 hours, laboratory 4 hours. Class work includes study of origin, manufacture, properties, and identification of textiles, methods of making seams, finishes, buttonholes, plackets, and ornamental stitches. **First semester, 4 hours.**

2. **Sewing IV.**—Continuation of course 1. **Second semester, 4 hours.**

3. **Sewing V.**—Class work 1 hour, laboratory 4 or 6 hours. Study of the principles of costume designing. Prerequisite, Sewing III and IV. **First semester, 3 or 4 hours.**

4. **Sewing VI.**—Class work 1 hour, laboratory 4 or 6 hours. Continuation of course 3. **Second semester, 3 hours.**

5. **Foods III.**—Class work 2 hours, laboratory 4 hours. Class work consists of study of principles of cookery as applied to various materials. Chemical characteristics of food stuffs. Students should have studied or should be studying General Chemistry in order to enter this course. **First semester, 4 hours.**

6. Foods IV.—Class work 2 hours, laboratory 4 hours. Study of origin, manufacture, composition, and nutritive value of the principal food materials. Prerequisite, course 5 or its equivalent. **Second semester, 4 hours.**

7. Foods V.—Class work 2 hours, laboratory 4 hours. This course is an application of the principles of human nutrition as applied to the feeding of individuals under various physiological and economic conditions. Calculation of the nutritive value of dietaries. Prerequisite, course 5 or its equivalent, **First semester, 4 hours.**

8. Dietetics.—Class work 2 hours. Study of the principles of human nutrition. Emphasis on feeding of small children and the diet in various diseases. **Second semester, 4 hours.**

9. Household Management.—Class work 2 hours. Study of house plans and house furnishings from the aesthetic and economic points of view. Management of family income and keeping of accounts. **Second semester, 4 hours.**

10. Home Nursing.—Class work 2 hours. This course is intended to prepare a woman to care intelligently for minor illnesses and for invalids. Class work and demonstrations on the care of the sick and first aid methods. **Second semester, 4 hours.**

LATIN

PROFESSOR EBEL.

Note:—Three years of Latin are required before taking Course 9. For the third year either Cicero or Vergil may be counted. No combination of Caesar, Cicero, and Vergil will be accepted.

9. **Cicero**—De Amicitia or De Senectute.
Ovid.—Selected passages. **First semester, 4 hours.**
10. **Tacitus**.—Germania or Agricola.
Terence.—Phormio or Andria. **Second semester, 4 hours.**
11. **Horace**.—Odes and Epodes.
Livy.—Book XXI. **First semester, 4 hours.**
12. **Pliny**.—Selected Letters.
Juvenal.—Satires. **Second semester, 4 hours.**

MATHEMATICS, ASTRONOMY, AND SURVEYING.

PROFESSOR MORRIS

7. **Solid Geometry**.—The methods and theorems of Plane Geometry, extended to three dimensions. Open to those students who do not offer Solid Geometry for entrance credit. **Second semester, 2 hours.**

8. **College Algebra**.—This course is prefaced by a review of the important principles of academic algebra. Then follows a general consideration of progressions, permutations, combinations, probability, the binomial theorem, logarithms, elements of theory of equations, and kindred topics. Emphasis is placed upon the illustration of Algebraic principles by the solution of practical problems from the sciences. **First semester, 3 hours.**

9. **Trigonometry**.—Development of trigonometric formulas and a study of their relations, solution of right and oblique triangles, both with and without the use of logarithms, applications of trigonometry. A brief introduction to Spherical Trigonometry. **Second semester, 3 hours.**

10. **Analytical Geometry**.—Properties of the point, straight line, circle, parabola, ellipse, and hy-

perbola. Tangents and normals, polar co-ordinates, and transformation of co-ordinates. Numerous exercises. **First semester, 4 hours.**

11. Solid Analytical Geometry.—This course follows course 10. Analytical Geometry of the straight line, plane, and the conoids applied to three dimensions. **Second semester, 2 hours.**

12. Differential Calculus.—Development of formulas for the differentiation of algebraic, logarithmic, exponential, and trigonometric functions. Successive and partial differentiation, maxima and minima. Application to the conics and higher plane curves of Analytic Geometry. **First semester, 3 hours.**

13. Integral Calculus.—Continuation of Course 12. Integration is in general the inverse of differentiation. Constant application to problems of geometry and physics, involving the determination of irregular areas and volumes, moments of inertia, center of gravity, etc. Courses 12 and 13 are indispensable to those students who wish to lay a good foundation in mathematics or science while pursuing college work. **Second semester, 3 hours.**

14. Advanced Calculus.—This course will be opened with a brief review of the type forms of differentiation and integration and continue with a consideration of the topics not fully discussed in courses 12 and 13, together with as many practical problems as time permits. **First semester, 3 hours.**

15. Astronomy.—Naked eye observation of the heavens is begun in the early part of this course and continued throughout. The student becomes familiar with the names and location of the important constellations and stars, and visible planets. The facts and theories regarding the heavenly bodies are ob-

tained from text-book work. Elementary mathematics of astronomy introduced. The course is continued throughout the year in order to increase opportunities for observation. No credit for less than year's work. **First semester, 2 hours—second semester, 2 hours.**

16. Surveying.—First part of course is devoted to text-book work; last part almost exclusively to field work. The student is brought face to face with the practical problems in surveying. Prerequisite—Trigonometry. **Second semester, 2 hours.**

Advanced Work.—Upon demand by a sufficient number of qualified students, or by those doing major work in this department, courses may be selected from the following: Advanced Analytics, Differential Equations, Theory of Equations, and History and Teaching of Mathematics.

PHILOSOPHY

DOCTOR KURTZ

1. Introduction to Philosophy—This course aims to acquaint the student with the meaning of the fundamental concepts of Philosophy, such as Metaphysics, Epistemology, and Ethics; and to define and evaluate the specific theories of Philosophy such as materialism, idealism, realism, pragmatism, etc. Reference will be made to various texts on the subject, such as Paulsen, Marvin, Russell, Kuelpe, Fletcher, Fullerton, Ladd, Hibben and the histories of Philosophy. **First semester, 3 hours.**

2. History of Philosophy—The purpose of this course is to study the history and development of philosophic thought from Thales to Bergson, and to study also the lives and systems of the individual

philosophers. In addition to the text book, constant use will be made of Bakewell's Source Book, and Rand's Modern Philosophers. The library is well supplied with the best histories of philosophy. **First and second semesters, 6 hours.** (Not offered in 1921-1922.)

3. Seminar in Bergson and Eucken.—A seminar course of two hours each week will be offered in the two greatest philosophers as the basis for the study of present day philosophy. This course will also discuss the various philosophical systems usually treated in an introduction to Philosophy. **First semester, 2 hours.** (Not offered in 1921-1922.)

4. Philosophical Seminar.—James and Royce. A two hours seminar in the study of Philosophy of James's Pragmatism, Will to Believe and Pluralism; also a study of Royce's Philosophy of Loyalty, Sources of Religious Insight and other writings. **Second semester, 2 hours.**

5. Theism.—This course purposes to show the grounds for faith in a personal God from the point of view of science and philosophy. Theistic faith is like a rope made up of many strands. These strands are biological, psychological, ethical, metaphysical, anthropological, historical, and religious.

One period each week is devoted to a general discussion of the problems of religion and life and Biblical interpretation raised by the students. A wide reading is required. **Second semester, 4 hours.**

6. Logic.—Inductive and deductive logic with special emphasis on formal logic rather than the problem of ultimate truth. **Second semester, 2 hours.**

7. Ethics.—The course in Ethics will be a study of: (1) The Evolution of Morality, (2) The Theory of Morality, (3) Personal Morality, and (4) Public

Morality. "The Problem of Conduct," by Drake, will be used as a text, and reference will be made to Palmer, Paulsen, Seth, Fite, Dewey and Tufts, Muirhead, and others. Constant use of Rand's "Classical Moralists" will be required. **First semester, 3 hours.**

8. Philosophy of Living.—A course of lectures on the problems of the individual in his relation to science, philosophy, economics, society, industry, religion, oratory, art, etc. This course is intended to help the student find himself and relate himself to truth and life. Open to all college students. Freshmen are urged to enter the course. **First semester, 1 hour.**

PHYSICS

PROFESSOR MOREIS

1. Elementary Physics.—This course is intended for those students who have not had Physics in the Academy. The subjects of Mechanics, Molecular Physics, Heat, Magnetism, Electricity, Sound, and Light are covered in lectures and quizzes. Three recitations and one laboratory period a week throughout the year. 5 hours credit for year's work. No credit for less than a year's work. **First and second semesters.**

2. General College Physics.—Mechanics, molecular physics, and heat. This is a general college course giving a basis for advanced work in science of engineering, and also designed to meet the Physics requirements of medical schools. Recitations and lectures *free hours a week. Laboratory, two double periods a week. Prerequisites, elementary physics and mathematics 8 and 9. **First semester, 5 hours.**

3. General College Physics.—Magnetism, el-

ectricity, sound and light. Course is a continuation of course 2. Recitations and lectures three hours a week. Laboratory, 2 double periods a week. **Second semester, 5 hours.**

4. Laboratory Physics.—The physics laboratory is now sufficiently equipped to offer a course in laboratory work in advance of that required in courses 2 and 3. Determination of various physical constants are made. Accurate record is kept. Standard texts are consulted. **First Semester, 2 hours.**

5. Physics Problems.—This course affords a thorough review of general Physics by the solution of problems involving the fundamental formulas and principles of Mechanics, Heat, Sound, Magnetism, Electricity and Light. **Second Semester, 2 hours.**

MR. HERVEY McCLELLAND, LABORATORY ASSISTANT
MR. EARL FISHER, LABORATORY ASSISTANT
MR. JAY ELLER, LABORATORY ASSISTANT

PUBLIC SPEAKING.

PROFESSOR ANDERSON.

1. Public Speaking.—Frequent practice in extempore speech is given with the view that the student may acquire an easy, fluent, and effective manner of speaking. **First semester, 3 hours.**

2. Argumentation and Debate.—A study of the principles of argumentation with practice in application by oral argumentation and written briefs. Practice in parliamentary procedure and formal debate is given. **First semester, 3 hours.**

3. Oratory.—In this course attention is given to the study of orations. It deals not only with delivery but with the composition, structure, style, logic, and thought of speech. **Second semester, 3 hours.**

4. **Expression.**—The fundamental principles of expression, oral interpretation, repertoire, and story-telling are taught in this course. **Each semester, 3 hours.**

5. **Private lessons.**—Private lessons in Expression may be arranged for in consultation with the instructor.

ROMANCE LANGUAGES.

PROFESSOR EBEL

FRENCH

1. **Elementary French.**—The essentials of grammar. Text: Fraser and Squair. Careful drill in pronunciation, accidence, and syntax. Daily exercises in translation and elementary composition, together with easy exercises in conversation. **First semester, 4 hours.**

2. **Elementary French.**—Continuation of Course 1. Reading of simple prose with exercises in composition and conversation based upon the same. All essentials of grammar are carefully outlined and committed to memory. Special attention is devoted to the acquisition of a fundamental vocabulary. **Second semester, 4 hours.**

3. **French Prose Writers.**—A thorough review of the essentials of grammar. Reading and translation of selections from the works of Victor Hugo, George Sand, Anatole France, René, Bazin, Daudet, and La-Fontaine. Exercises in dictation, composition, and conversation. **First semester, 4 hours.**

4. **French Prose and Poetry.**—Continuation of course 3. Selections from representative works in prose and poetry. Students receive special training in relating stories, leading conversation, and discuss-

ing subjects before the class. **Second semester, 4 hours.**

5. French Composition.—The purpose of this course is to give special training in writing and speaking French. Systematic studies in advanced grammar and syntax. The instructions of grammar are wholly in French. **First and second semesters, 1 hour each.**

SPANISH

1. Elementary Spanish.—Careful attention is given to the Castilian pronunciation. The essentials of grammar and syntax are carefully outlined and committed to memory and constantly applied in written and oral exercises. **First semester, 4 hours.**

2. Spanish Grammar and Reading.—Continuation of course 1. Reading and translation of easy prose with exercises in composition and conversation based on the same. Special attention is given to the preparation and committing of vocabulary lists. **Second semester, 4 hours.**

3. Modern Spanish Writers.—A thorough review of the grammar. Careful attention is given to correct reading, accurate translation, and the grammatical constructions of the writings of modern authors. Exercises in composition and conversation. **First semester, 4 hours.**

4. Modern Spanish Writers.—Continuation of course 3, with exercises in oral composition. Discussions of grammatical constructions and syntax are conducted in Spanish. **Second semester, 4 hours.**

THE BIBLE SCHOOL

FACULTY

DANIEL WEBSTER KURTZ, A. M., B. D., D. D.
President of the College.

JOHN WILBY DEFTER, A. B., B. D.,
Professor of Biblical Theology and Director of Religious Ex-
tension; Acting Dean of the Bible School.

JOSEPH J. YODER, A. B.
Professor of New Testament.

ELLIS M. STUDEBAKER, A. B.
Professor of Greek.

AMANDA FAHNESTOCK, B. S. L., A. B., B. D.,
Instructor in Bible.

EDITH MCGAFFEY, A. M.,
Professor of English

DAVID H. HOOVER, A. M., Th. D.
Professor of Church History.

ALMA GLADYS ANDERSON, A. B.
Professor of Public Speaking

PURPOSE AND SPIRIT

The effort in all the Bible courses, both the graduate courses in Divinity, as well as others, is the enrichment of the student's own spiritual experience and equipment for the most efficient Christian service. The immediate purpose is to understand the message of God to mankind as given in Holy Scripture. The Bible itself is the subject of study rather than books about it. The point of view is practical rather than speculative, the method is historical and scholarly, animated by the deep desire to know the Bible as it is and to extend that knowledge to others.

The crisis of today demands religious leaders as never before. The need for world Christian democracy is given an unparalleled challenge to college men for a larger Christian service. A thorough Bible training is indispensable in one's college education for every man of affairs and a special training for the minister and religious leader.

By action of the State Board of Education twelve hours in accredited Bible Study may be presented toward the requirements of graduates applying for the State Teacher's Certificate. The subjects should be selected by the aid of the professors of the Bible School.

GRADUATE COURSES IN DIVINITY.

These are two in number: (1) The Divinity Course leading to degree of Bachelor of Divinity (B. D.) (2) The course leading to Master of Arts in Biblical Theology.

These courses are intended for college graduates or advanced students and are intended to equip them

for the work of pastors, teachers, and leaders in church work. The standards in entrance requirements and courses given are equal to the best in American Bible Schools and seminaries. Special opportunities are given for research work along Biblical, theological, or other lines of study. A wide range of electives is offered to meet the varied needs of students.

Affiliation with Bethany Bible School.

In common with other Brethren schools, McPherson College is affiliated with Bethany Bible School, whereby courses taken in that institution which fit in with our system of courses are given full credit; likewise Bethany gives full credit to such courses taken in McPherson as fit into the program of studies at Bethany.

REQUIREMENTS FOR DEGREES.

I. Bachelor of Divinity.

1. The course shall consist of four year's work or its equivalent equal to 120 hours.
2. Entrance requirements shall consist of preparation equal to the completion of the Sophomore year of College.
3. College graduates having taken proper electives can complete the work for the degree in two years or an equivalent of 60 hours over and above the A. B. degree.
4. The work of the last two years shall be of a graduate grade. Wide choice of electives is given but should be taken in consultation with the Dean.

5. A satisfactory thesis is required for which a credit of two hours will be granted.

II. Master of Arts.

1. This degree will be granted to student having A. B. degree upon completion of one year's work of 30 hours of a graduate grade.

2. Twelve hours in one of the departments shall be required as a major subject.

3. A satisfactory thesis shall be required.

4. This degree may be received without the above courses in Greek.

OUTLINE OF COURSES OF STUDY.

Courses numbered under 100 are of college grade; courses above 100 are graduate.

Courses with odd numbers are given in the first semester; those with even numbers in the second semester.

Old Testament.

1-2. History of the Hebrew People; their literature and religion. Structure, date, authorship, historical setting, and contents of the Old Testament books. 6 hours. Mrs. Fahnestock.

3. Old Testament Laws and Institutions. 3 hrs. Mrs. Fahnestock.

4. Old Testament Wisdom Literature. 3 hrs. Mrs. Fahnestock.

101-102. Old Testament Literature; its growth and development. Each book is studied critically in the light of the times that produced it. Special attention is given to the various documents found in the Old Testament. The first half year deals with pre-prophetic literature and the second half with prophetic and exilic literature. 6 hours. Professor Deeter.

106. **Messianic Concepts.** A study in Messianic Doctrines found in the apocalyptic literature of the Old and New Testaments. Isaiah, Ezekiel, Daniel, and Revelation furnish the Biblical basis for this course. 2 hours, Professor Deeter.

New Testament.

21. **Life and Times of Jesus.** 4 hrs. Professor Yoder.

22. **Life and Times of Paul.** 4 hrs. Professor Yoder.

23-4. **New Testament Greek.** Rapid reading and syntax, 8 hrs. Professor Studebaker. One year in Greek a prerequisite.

121-2. **Greek Exegesis,** 4 hrs. Professor Studebaker.

123. **The Epistle to the Romans.**—Historical situation; analysis and interpretation of the epistle; modern value. 3 hrs. Professor Studebaker.

124. **The Epistles to the Corinthians.**—Interpretation of the epistles in the light of political, social, and religious life in the Graeco-Roman world. 3 hrs. Professor Studebaker.

125-6. **New Testament Theology.** Special reference to the controlling conception of Jesus and Paul and the influence of Greek and Jewish thought upon the thought of early Christianity. 6 hrs. Professor Deeter. (Not offered 1921-1922.)

127-128. **New Testament Epistles.** This course makes a survey of the entire epistolary writings of the New Testament. Studies in the life and times of Paul, authorship, date, occasion, and historical materials are emphasized. A thorough analysis is made of the contents of each epistle. All important sections and texts are studied exegetically. First half

year Pauline Epistles, second half year Pastoral and Catholic epistles. 6 hours, Professor Deeter. (Not given in 1921-22.)

129. The Gospels. A course dealing with the Synoptic Problem and also the Gospel of John. Mark is used as a basis of comparison in the synoptic study. Attention will be given to Gospel origins and transmission in the early church. The Gospel of John is compared in detail with the Synoptic Gospels. The aim is to gain a clear understanding of the author's aim and message. 4 hours, Professor Deeter. (Not offered in 1921-1922.)

131. Teaching of Jesus.—Sources of information; the world in which Jesus lived as reflected in these sources; thought and teaching of Jesus. 3 hrs. Professor Studebaker.

133. Beginnings of Christianity. — Political, social, and religious conditions among both Jews and Gentiles from 167 B. C. to about 180 A. D. A careful study will be made of the early development of Christianity, the history of the movement in Palestine, and its spread over the Graeco-Roman world. 3 hrs. Professor Studebaker.

135. Early Christianity and Contemporary Religions.—A study of religious movements within the Mediterranean world at the beginning of the Christian Era; Christianity's relation to such rival religions and its final triumph over them. Prerequisite, Beginnings of Christianity or its equivalent. 3 hrs. Professor Studebaker.

136. Early Christianity and Contemporary Philosophies.—A study of typical phases of philosophical thought current in the Mediterranean world at the beginning of the Christian Era; an examination of the Christian movement in relation to its contem-

porary thought-world. Prerequisite, a general knowledge of the history of philosophy. 3 hrs. Professor Studebaker.

Church History.

41-2. Church History. Period I. The Ancient Church; Period II. The Mediaeval Church; Period III. The Modern Church. 6 hrs. Dr. Hoover.

141-2. History of Christian Doctrine. The design is to trace the rise and development of the controlling religious conceptions of the Primitive, Catholic, and Protestant Church. 6 hrs. (Not offered 1921-1922.)

Philosophy of Religion.

51. *Ethics. 3 hrs. Dr. Kurtz.

52. *History of Philosophy, 4 hrs. Dr. Kurtz. (Not offered 1921-1922.)

151. *Philosophical Seminar. 2 hrs. Dr. Kurtz.

152. *Theism, 4 hrs. Dr. Kurtz.

154. Psychology of Religion, Seminar. 2 hrs. being an inductive and critical study of religious experience. Dr. Kurtz. (Not offered 1921-1922.)

Theology.

62. Fundamentals of Faith. Course open to all Bible students on the doctrines of the faith with especial reference to Brethren faith and polity. 2 hrs. Dr. Kurtz. (Not offered 1921-1922.)

162. Systematic Theology. Prerequisites, 51, 52, and 152. Includes study of the ideas and problems of Christian Faith. 6 hours. Dr. Kurtz (Not offered 1921-1922.)

163. Christian Doctrine of Salvation. With special reference to the work of Christ. Seminar, 2 hours.

165-6. Comparative Religion. A critical study of non-Christian and ethnic faiths with comparisons with Christianity. 6 hours. (Not offered 1921-1922.)

Practical Theology.

82. Practical Preaching. Each student is required to outline textual, expository, and topical sermons, to preach before the class, and to study homiletic theory. 2 hours, Professor Deeter.

83. *Sociology. 4 hours. Dr. Hoover.

84. Rural Sociology. 3 hours. Dr. Hoover.

THE COLLEGIATE BIBLE COURSE

This course of three years leads to the degree of B. S. L., (Bachelor of Sacred Literature.) Students entering it are expected to have a preparation equivalent to the requirements for College entrance. All who complete the required and sufficient hours of elective work will be admitted as candidates for graduation. Students in this course are urged to elect New Testament Greek. Hebrew is offered as an elective. This course is especially adapted for those who expect to devote their lives to the ministry and missionary work.

A wide range of elective work is given to meet the needs of all students. Electives will be granted in Vocal Music, Hebrew, Greek Sociology and Economics, Sciences, Philosophy, Psychology and Education, History, etc., as well as special courses in Biblical, theological and other phases of work for more efficient church work.

ENGLISH BIBLE COURSE

This course of two years is designed to meet the needs of the constantly increasing number of those

*See College Department

who wish to prepare themselves for more efficient Sunday School and Church work. It includes subjects helpful in mastering and presenting Biblical truth. No special preparation is required for entrance, and all who complete the required work in a satisfactory manner will be granted a certificate of graduation. Electives shall be chosen upon consultation with the Faculty of the Bible School. Specially qualified students may upon permission elect from the advanced Bible Courses.

ENGLISH BIBLE COURSE

		FIRST YEAR	SECOND YEAR
FIRST SEMESTER	First Quarter	O. T. History, 4 hrs. English, 4 hrs. Exegesis, 4 hrs. Expression, 4 hrs.	Church History, 4 hrs. Gospel of Mark, 4 hrs. Missions, 4 hrs. Elective, 4 hrs.
	Second Quarter	O. T. History, 4 hrs. English, 4 hrs. Exegesis, 4 hrs. Expression, 4 hrs.	Church History, 4 hrs. Life and Epistles of Paul, 4 hrs. Church Doctrine, 4 hrs. Elective, 4 hrs.
SECOND SEMESTER	Third Quarter	N. T. History, 4 hrs. English, 4 hrs. Exegesis, 4 hrs. Elective, 4 hrs.	Life & Epistles of Paul, 4 hrs. Church Doctrine, 4 hrs. Elective, 4 hrs. Elective, 4 hrs.
	Fourth Quarter	N. T. History, 4 hrs. English, 4 hrs. Exegesis, 4 hrs. Elective, 4 hrs.	General Epistles, 4 hrs. Sunday School Training, 4 hrs. Elective, 4 hrs. Elective, 4 hrs.

COLLEGIATE BIBLE COURSE

		FIRST YEAR	SECOND YEAR	THIRD YEAR
FIRST SEMESTER	First Quarter	Life and Teachings of Jesus, 4 hrs. College Eng., 4 hrs. O. T. Introduction and History, 3 hrs. Elective, 4 hrs.	Church History, 3 hrs. O. T. Prophets, 3 hrs. Homiletics, 2 hrs. History and Development of Missions, 3 hrs. Elective, 4 hrs.	Ethics, 3 hrs. Systematic Theology, 3 hrs. Rural Problems, 3 hrs. Elective, 5 hrs.
	Second Quarter	Life and Teachings of Jesus, 4 hrs. College Eng., 4 hrs. O. T. Introduction and History, 3 hrs. Elective, 4 hrs.	Church History, 3 hrs. O. T. Prophets, 3 hrs. Homiletics, 2 hrs. History and Development of Missions, 3 hrs. Elective, 4 hrs.	Ethics, 3 hrs. Systematic Theology, 3 hrs. Rural Problems, 3 hrs. Elective, 5 hrs.
	Third Quarter	Life and Teachings of Paul, 4 hrs. College English, 4 hrs. O. T. Introduction and History, 3 hrs. Elective, 4 hrs.	Church History, 3 hrs. S. S. Pedagogy, 3 hrs. O. T. Prophets, 3 hrs. Homiletics, 2 hrs. Elective, 4 hrs.	Sociology, 3 hrs. Systematic Theology, 3 hrs. Pastoral Prob., 2 hrs. Elective, 7 hrs.
	Fourth Quarter	Life and Teachings of Paul, 4 hrs. College Eng., 4 hrs. O. T. Introduction and History, 3 hrs. Elective, 4 hrs.	Church History, 3 hrs. S. S. Pedagogy, 3 hrs. O. T. Prophets, 3 hrs. Homiletics, 2 hrs. Elective, 4 hrs.	Sociology, 3 hrs. Systematic Theology, 3 hrs. Pastoral Prob., 2 hrs. Elective, 7 hrs.
SECOND SEMESTER				

THE ACADEMY

FACULTY

DANIEL WEBSTER KURTZ, A. M., B. D., D. D.,
President of the College.

MAURICE A. HESS, A. M.,
Principal of the Academy.

HENRY JACOB HARNLY, A. M., Ph. D.,
General Science and Physiology.

AMMON SWOPE, A. M.,
Industrial Education.

CHAS. S. MORRIS, A. M.,
Physics

ROBERT ELLSWORTH MOHLER, M. S.,
Agriculture, Botany and Zoology.
Bible History.

J. HOWARD FRIES,
Commercial

MINNIE WALTERS, B. S.,
Home Economics.

FORREST W. GAW
Voice.

BARTEL E. EBEL, A. M.,
German and Spanish.

JESSIE BROWN, B. M.,
Piano.

E. J. UNRUH
Shorthand and Typewriting

JOHN WILBY DEETER, A. B., B. D.,
Bible

MRS. J. W. DEETER, B. S. D.,
Art.

ALMA G. ANDERSON, A. B.,
Public Speaking

A. RAY LAUER
Violin

✓ PAULINE VANIMAN, B. M.
Piano

✓ LOLA M. HILL, A. B.
German

PURPOSE

The Academy is intended to prepare students for the corresponding courses in the college. For those who are unable to pursue their education further, these courses will serve as the best preparation for practical life.

ADMISSION

Students may be admitted without examination by presenting a county diploma, or an equivalent promotion card to high school, or a certificate to teach. They may also be admitted by examination in such of the common branches as are of special importance in pursuing academic studies.

Students may be admitted to advanced classes on presenting certificates of honorable dismissal from approved schools together with a statement of work done, signed by the proper authority.

The Academy of McPherson College is a member of the North Central Association.

REQUIRED WORK

Students in the academy carry four courses of regular study, reciting four times a week. A year's work in one study is counted one unit. Students are entitled to graduate when they have completed 15 units together with one year of Vocal Music.

All Academy seniors must graduate to be advanced to Freshman College standing.

STUDY

At the beginning of each semester a schedule card is filled out for each student, showing the studies and the hours for recitation for each day in the week. From this program the student is expected to arrange a study program which he will follow. Large and well equipped study rooms are provided in the library.

ORGANIZATIONS

Two Literary Societies of the school are open to the academy student—Emersonian and Ciceronian.

The Academy debating club is open to active members in good standing in the above societies. (See Page 23.)

Students of the academy are eligible to membership in the Christian organizations of the young men and the young women and to the mission study classes of the college.

The Anti-Tobacco Association offers an excellent opportunity to become acquainted with the tobacco problem. An oratorical contest is held each year to which any student in the academy is eligible.

DIPLOMAS

Students completing the academy courses will be granted diplomas.

COURSES OF STUDY

AGRICULTURE

change
Agronomy I.—Farm Crops. This course deals with the production of field crops. Special emphasis

is placed upon their history, importance, culture, and improvement. **First semester, $\frac{1}{2}$ unit.**

Agronomy 2.—Farm Crops 2. Agronomy 2 is a continuation of Agronomy 1. At the conclusion of the work with the cereals an elementary course in soils is given. The soils study is supplemented by field trips, excursions, etc. The student in this course gets a fair understanding of the relation different types of soil have to the production of crops, of the origin of soils, soil physics, and the use of fertilizers. **Second semester, $\frac{1}{2}$ unit.**

Animal Husbandry 2.—General Animal Husbandry. It is the purpose of this course to give the beginner in Animal Husbandry a fair understanding of the subject. Great care is taken to properly lay the foundation for the courses that are to follow. **First semester, $\frac{1}{2}$ unit.**

Animal Husbandry 3.—Poultry. Animal Husbandry 3 deals with the fundamental problems that confront the poultryman, such as incubation, care of chicks, housing, yarding, feeding, and mating. **Second semester, $\frac{1}{2}$ unit.**

Economics.—Rural Economics. This course makes special application of economic principles of the problems of agriculture. A study of farm organization, farm types, choice of farm enterprises, rotation systems, farm administration, distribution of capital, renting, credit, markets, the choice of the farm, etc. **First semester, $\frac{1}{2}$ unit.**

Forestry.—Farm Forestry. An elementary course in forestry, dealing with the forest trees of the middle west, their importance, distribution, etc. **Second semester, $\frac{1}{2}$ unit.**

Horticulture 1.—Fruit Growing. This is a gener-

an introductory course, special emphasis being placed upon the leading fruits of this region. The course includes demonstration work in thinning, pruning, spraying, and grafting. The selection of the orchard site, and marketing is studied. **First semester, $\frac{1}{2}$ unit.**

Horticulture 2.—Gardening. This course comprises a study of the problems and possibilities of the market and home garden. Laboratory work includes plans for gardens, construction of hot beds, seed testing, etc. **Second semester, $\frac{1}{2}$ unit.**

Agriculture 1.—A general course in the fundamentals of Agriculture, open to Academy students. A survey of the entire field of Agriculture is made. Careful study is made of the practical problems confronting the farmer of this region. Recitation three hours. Laboratory two hours. **First and second semesters, 1 unit.**

Shirley M. King

BIBLE

1. **Elementary Introduction to the New Testament.** A survey of the entire field of New Testament literature, starting with the writings of Paul and taking each book up in chronological order. The purpose of the course is to give the student a glimpse of the forces and agencies that developed our New Testament and how it came about. Special emphasis is placed upon the messages of each book and the value of the New Testament to us as a book of religion. **First and second semesters, 1 unit.**

2. **Hebrew History.**—This course seeks to make clear the important place of the Hebrew people in the history of nations, to acquaint the student with

Hebrew life and literature, and to set forth the significance of Hebrew and Jewish religious history to the world. **First and second semesters, 1 unit.**

ENGLISH

These courses are planned to give command of clear correct English, and to cultivate a taste for good literature. The reading-study outline of the uniform Entrance Requirements for English is followed.

English 1.—Rhetoric and Composition. A study of the elementary principles of rhetoric with practice in oral and written composition. **First semester, $\frac{1}{2}$ unit.**

English 2.—Continuation of English 1. Classics such as *Silas Marner* and *Ivanhoe* will be studied. Collateral reading. **Second semester, $\frac{1}{2}$ unit.**

English 3.—Rhetoric and Composition. A study of the various forms of discourse. Oral and written work required. **First semester, $\frac{1}{2}$ unit.**

English 4.—American Literature. A study of American authors and their best writings. **Second semester, $\frac{1}{2}$ unit.**

English 5 and 6.—A course in English literature is taken up by periods with a careful study of authors and their writings. **First and second semesters, 1 unit.**

GERMAN

1. **Elementary German.**—Grammar and easy reading. Drill on pronunciation. Texts: *Spanhoofd*, *Elementarbuch der deutschen Sprache*; for reading, *Vorwärts*. **First semester, $\frac{1}{2}$ unit.**

2. **Elementary German.**—Continuation of Course 1. **Second semester, $\frac{1}{2}$ unit.**

3. German Reading and Grammar Review.—Texts to be selected from the following: *Alle Fünf*, *Der Weg zum Glück*. *Moni der Geissbub*, Carruth's Reader, Garmelshausen, Immensee, Dictation and Composition. **First semester, $\frac{1}{2}$ unit.**

4. German Reading and Grammar Review.—Continuation of Course 3. **Second semester, $\frac{1}{2}$ unit.**

HISTORY

(Note.—Courses 1 and 2 are offered in alternate years.)

1. Ancient and Medieval History.—A course basic in its nature for any future historical work. The work of the first semester deals with the rise of civilization in the ancient countries of the Orient and in Europe; that of the second with a survey of the medieval period in Europe. **First and second semesters, 1 unit.**

2. Modern History.—A study of the leading nations of Europe, following course 1, and bringing the course of events up to the present time. **First and second semesters, 1 unit.**

3. American History.—The purpose of this course is to give to students a thorough study of the history of their own nation. Special emphasis will be given to the institutional development, westward movement, sectional controversy, and industrial development. **First and second semesters, 1 unit.**

4. English History.—A general course covering the entire history of England and the British Empire up to the present time. **First semester, $\frac{1}{2}$ unit.**

5. American Government.—A study of the organization and functions of our government. **First and second semesters, 1 unit.**

HOME ECONOMICS

1. **Foods I.**—Classwork 2 hours, laboratory 4 hours. Class work consists of study of the principles of cooking as applied to the different types of food materials. Laboratory work includes application of these principles to the cooking of foods of all kinds. **First semester, $\frac{1}{2}$ unit.**

2. **Foods II.**—Continuation of course I, with work in the calculation of nutritive value of foods and the preparation and serving of meals. **Second semester, $\frac{1}{2}$ unit.**

3. **Sewing I.**—Class work 2 hours, laboratory 4 hours. Class work consists of study of origin and manufacture of textile fibres, fundamental stitches, seams, finishes, plackets, buttonholes, and ornamental stitches. **First semester, $\frac{1}{2}$ unit.**

4. **Sewing II.**—Continuation of course I. Laboratory consists of making of tailored shirt waist or middy, and tailored wash skirt. **Second semester, $\frac{1}{2}$ unit.**

5. **Home Nursing.**—2 hours a week; second semester. Care for cases of sudden illness or accident; use of disinfectants and the laws controlling the spread of disease; demonstrations of how to treat wounds, poisons, sprains, fractures, and use of bandages. **$\frac{1}{4}$ unit.**

LATIN

1. **Beginning Latin.**—Smith, Latin Lessons. Both written and oral work. The Roman system of pronunciation is used, and in all written exercises the marking of the syllables is emphasized. Four hours a week. **First semester, $\frac{1}{2}$ unit.**

2. **Beginning Latin.**—Continuation of Course 1. Four hours a week. **Second semester, $\frac{1}{2}$ unit.**

3. **Latin.**—Caesar. Text, Bennett. First two books of the Gallic War, with an hour a week in prose composition in Bennett's Latin Composition. Drill on constructions and vocabulary of Caesar. A review of the historical setting, including the life and work of Caesar. The grammar is studied systematically and the principles of Latin syntax are constantly reviewed. Four hours a week. **First semester, $\frac{1}{2}$ unit.**

4. **Latin.**—Continuation of Course 3. The second two books of Caesar are taken up in a similar way. Four hours a week. **Second semester, $\frac{1}{2}$ unit.**

5. **Latin.**—Cicero. Text, Bennett. The first three orations against Catiline are read. A study of Cicero's style and diction, an outline of each oration, and a comprehensive analysis of the sociological and political background. Syntactical drill and constant reference to the grammar coupled with prose composition once a week. 4 hours a week. **First semester, $\frac{1}{2}$ unit.**

6. **Latin.**—Continuation of Course 5. Reading of the fourth oration against Catiline, the one on the Manilian law, and the Pro Archia. 4 hours a week. **Second semester, $\frac{1}{2}$ unit.**

7. **Latin.**—Vergil. Text, Bennett. Three books of the Aeneid are read, and prose composition is assigned once a week. Stress is laid upon the Aeneid as an epic, upon scansion, and upon Roman mythology, Murray being the reference in the last named. Special attention is paid to figures of speech, archaic forms, and the constant intermingling of facts with fiction. Four hours a week. **First semester, $\frac{1}{2}$ unit.**

8. **Latin.**—Continuation of Course 7. Books IV., V., and VI. are read. The student is expected to be

familiar with the literary merit of the production. Four hours a week. **Second semester, $\frac{1}{2}$ unit.**

MANUAL TRAINING.

1. **Bench Work I.**—Design and construction of simple objects involving the use of the common tools. **First semester, $\frac{1}{2}$ unit.**

2. **Bench Work II.**—Continuation of course 1. **Second semester, $\frac{1}{2}$ unit.**

MATHEMATICS

The Kansas State Board of Education requires two units in Mathematics as a minimum for an approved High School course. This requirement is met by the courses numbered 1-4 below.

1. **Algebra.**—The usual course in beginning algebra. The fundamental operations of Arithmetic are here generalized. Factoring, fractions, solution of equations graphically and by the ordinary method, etc. **First semester, $\frac{1}{2}$ unit.**

2. **Algebra.**—Continuation of course 1. The student is led thru solution of equations, ratio and proportion, quadratic equations and as many of the additional subjects of elementary algebra as time and conditions permit. **Second semester, $\frac{1}{2}$ unit.**

3. **Plane Geometry.**—A study of lines, angles, and plane figures. Special care is taken to introduce the course so that the student may feel at its completion a definite increase in his reasoning powers and in his ability to handle truth. **First semester, $\frac{1}{2}$ unit.**

4. **Plane Geometry.**—Continuation of course 3. Thruout the year stress is placed on the original solution of exercises and supplementary theorems. **Second semester, $\frac{1}{2}$ unit.**

5. **Arithmetic.**—This course is offered on request of a sufficient number of students who are preparing to teach. It consists of the study of the principles of arithmetic, methods of teaching the same, and solution of problems. **Second semester, $\frac{1}{2}$ unit.**

6. **Algebra.**—This course is a continuation of Algebra 1 and 2 and is in special preparation for Mathematics in the college course. A rapid review of the previous work in Algebra is followed by a treatment of problems involving quadratic equations, theory of exponents, irrational equations, variations, progressions, etc. Elective at request of sufficient number of qualified students. **First semester $\frac{1}{2}$ unit.**

7. **Solid Geometry.**—The method and theorems of Plane Geometry extended to three dimensions. Solid Geometry by Wentworth and Smith or by Wells and Hart are suggested texts. Elective at request of sufficient number of qualified students. **Second semester, $\frac{1}{2}$ unit.**

PUBLIC SPEAKING.

1. **Public Speaking.**—Frequent practice in extempore speech is given with the view that the student may acquire an easy, fluent, and effective manner of speaking. **Second semester, $\frac{1}{2}$ unit.**

2. **Expression.**—The fundamental principles of Expression, oral interpretation, repertoire, and story-telling are taught in this course. **Each semester, $\frac{1}{2}$ unit.**

3. **Private lessons.**—These may be arranged for in consultation with the instructor.

SCIENCE

1. **General Science.**—The purpose of this course is to introduce first year academy students to nature. It is an elementary study of Physics, Physiography, Plants, and Animals. **First semester, $\frac{1}{2}$ unit.**

2. **General Science.**—A continuation of Course 1. **Second semester, $\frac{1}{2}$ unit.**

3. **Zoology.**—An introduction to the study of animals. Text-book, lectures, laboratory, and field work. **First and second semesters, 1 unit.**

4. **Botany.**—An introduction to the study of plants. Text-book, lectures, laboratory, and field work. **First and second semesters, 1 unit.**

5. **Academy Physics.**—This course acquaints the student with the important phenomena of nature and emphasizes the vital truths found therein. The student learns also to appreciate the direct importance of physical science to the modern world. The course deals with mechanics, molecular physics, and heat. Recitations three hours a week. Laboratory work, two hours. **First semester, $\frac{1}{2}$ unit.**

6. **Academy Physics.**—Continuation of Course 5. Includes magnetism, electricity, sound, and light. Recitations three hours a week. Laboratory two hours. **Second semester, $\frac{1}{2}$ unit.**

SUGGESTED COURSE OF STUDY FOR ACADEMY FIRST YEAR

FIRST SEMESTER

English I.
Algebra I.
Latin or German
General Science
Agriculture
Domestic Science
Domestic Art
Commercial Subjects
Bible
Manual Training
Physical Training.

SECOND SEMESTER

English II.
Algebra II.
Latin or German
General Science
Agriculture
Domestic Science
Domestic Art
Commercial Subjects
Bible
Manual Training
Physical Training

SECOND YEAR

English III.
Geometry
Latin or German
Ancient and Mod. History
Farm Crops
Commercial Subjects
Domestic Science
Domestic Art
Manual Training
Bible
Drawing
Music

English IV.
Geometry
Latin or German
Ancient and Mod. History
Farm Crops
Commercial Subjects
Domestic Science
Domestic Art
Manual Training
Bible
Drawing
Music

THIRD YEAR

English V.
Botany
Animal Husbandry
Modern History
Civics
Commercial Subjects
Domestic Science
Domestic Art
Manual Training
Drawing
Latin or German
Music

English VI.
Botany
Animal Husbandry
Modern History
Civics
Commercial Subjects
Domestic Science
Domestic Art
Manual Training
Drawing
Latin or German
Music

FOURTH YEAR

Hebrew History
Physics
American History
Entomology
Methods and Management
English VII.
Latin or German
Domestic Science
Domestic Art
Manual Training
Music

Life of Christ
Physics
American History
Rural Economics
Psychology
English VIII.
Latin or German
Domestic Science
Domestic Art
Manual Training
Music

Note—Required courses are in heavy type.

SCHOOL OF MUSIC FACULTY

JESSIE BROWN, B. M.,
Piano.

FORREST W. GAW,
Voice

A. RAY LAUER
Violin

PAULINE VANIMAN, B. M.
History and Piano

VOCAL SCHOOL

The voice instruction in brief has as its purpose the training of the human voice to respond to the desires of an individual to produce beautiful and flexible tones in the interpretation of the modern and classical compositions.

The vocal instruction is based upon the ideas of the old and modern vocal schools. The fundamentals of the art that are vital in the instruction are the following: correct breathing, free emission, pureness of intonation, resonance, and distinct enunciation.

The study of interpretation is practiced in songs and ballads from the best of American, English, German, Italian, French, and Scandinavian composers, with strict attention to phrasing, enunciation and rhythm of songs.

Strict attention to a definite length of course in vocal music cannot be followed, as special cases and talents make it vastly difficult for such a unity in requirement with respect to time spent in the development. Exercises are presented for each individual's

development as the case necessitates. Students must have a high school diploma or its equivalent and also have passed a satisfactory examination in recital before the music faculty in order to be eligible for graduation with a diploma in voice.

CHORAL SOCIETIES.

The Choral Union is an organization consisting of members from the student body and residents of the city. The organization sings creations of the oratorio and cantata type. One hour credit in the college is given for a satisfactory attendance and interest in this work. Conservatory students are urged to have a certain amount of ensemble work for graduation in the department.

The Men's Glee Club is an organization of a limited membership and consists of those who have been chosen by the process of elimination. The club studies interesting four part choruses selections of modern composers with a view of appearing in programs.

The Ladies' Glee Club shows exceptional spirit in some of the most accomplished of modern choruses. The works of Strauss, Wagner, Rubinstein, and other composers are being successfully studied. Programs are given each year in the vicinity.

B. MUSIC.

The course in B. Music is pursued thruout the school year with two class periods a week. The course offers in the first semester a general knowledge of the fundamentals of music, such as acquaintance with the staff, scales, intervals, and their modification.

In the second semester an elementary course in sight singing and conducting is offered with strict

attention to practising the knowledge concerning the elements and notation of music. One hour credit is granted to students completing this course.

TUITION.

Voice Culture, Private lessons:

Two lessons a week, a year (36 weeks)	\$70.00
The same, a semester (18 weeks)	36.00
The same, a quarter (9 weeks)	18.00
One lesson a week, a year (36 weeks)	36.00
The same, a semester (18 weeks)	18.00
The same, a quarter (9 weeks)	10.00
Fewer than nine lessons, each	1.50

All tuition is paid in advance. Lessons will be accounted for in cases of sickness.

PIANO SCHOOL

The study of the pianoforte is and must remain in a certain sense the most important part of a musical education. It is indispensable to the singer, invaluable to the composer and a great help to the organist and conductor

To begin aright is our purpose. Great stress is laid not only on SLOW PRACTICE, but much care is taken as to tone quality, and the pupil is well drilled in the different varieties of finger, wrist, and arm touches.

It is the aim of this department to be closely in touch with the most enlightened methods of instruction, to impart style and finish, poetical interpretation, rather than to waste many years under mere mechanical drudge. Pupils are not burdened with a multiplicity of useless etudes. Much time and ex-

pense may thus be saved and far better results attained.

The course of study is divided into Preparatory, Normal and Collegiate.

PREPARATORY—(Grades 1 and 2)

GRADE 1

Studies.—Elements of pianoforte playing, including hand culture, touch, notation and rhythm; technical exercises from Schmitt, elementary studies from Kohler, Czerny, Gurlitt, Bertini and others; easy selections from Lichner, Biederman, Schmoll, Rhode, Gurlitt, Spindler, etc. $\frac{1}{2}$ unit in Academy.

GRADE 2

Selected Studies from Doring, Brauer, Czerny, Bertini, Burgmuller, Concone, Gurlitt; easy sonatinas from Clementi, Reinecke, Diabelli; technical studies from Schmitt; compositions from Schumann, Wilm, Gurlitt, Kullak, Spindler, Gade, Rheinhold and others. $\frac{1}{2}$ unit in Academy.

NORMAL—(Grades 3, 4 and 5)

GRADE 3

Studies.—Bertini, Heller, Lecoupey, Leoschhorn, Czerny, Berens; sonatinas from Kuhlman, Dussek; technical exercises from Weismayer or Beringer, Hanon compositions from Mendelssohn, Scharwenka, Godard, Raff and Jadassohn. $\frac{1}{2}$ unit in Academy.

GRADE 4

Studies.—Heller; easier compositions from Bach, Czerny; easy sonatas from Haydn, Mozart; technical exercises from Beringer; Hanon compositions from

Greig, Godard, Schubert, Neupert, Mendelssohn, Schumann, and others. $\frac{1}{2}$ unit in Academy.

GRADE 5

Studies.—Special studies from Cramer, Czerny; Bach inventions; sonatas from Mozart, Beethoven; technical exercises from Phillip, compositions from Grieg, Sinding, MacDowell, Chaminade, Chopin, Haberbier, Moszkowski, Schumann and Liszt.

Musical History and the elements of Harmony included. A teacher's certificate will be given to each student who finishes this course.

$\frac{1}{2}$ unit in Academy or 4 hours in College.

COLLEGIATE (Grades 6 and 7.)

Studies.—Selections from Gradus ad Parnassum, Bach's three part inventions and Well-tempered Clavichord, Beethoven Sonatas, more difficult compositions by MacDowell, Rubinstein, Chopin, Schumann, Brahms, Debussy, Tschaikowski, Liszt, Concerto from Mozart, Beethoven, Schumann, Mendelssohn and others. 8 hours in the college.

Diplomas are awarded to those who have completed one year of the collegiate course and the degree Bachelor of Music is granted those who have completed the full collegiate course.

All pupils of this department are urged to learn the elements of vocal music and to take part in the monthly recitals, at which pupils may perform such pieces as may be assigned by the teacher for the purpose of giving self-control in public appearance.

Pupils may not play in public without rehearsals and permission from the teacher.

Pupils may receive college credit.

Practice Pianos.—All pianos used for practice by

students of the piano school or of the vocal school must be tuned at the beginning of each semester.

Pupils practicing in private homes must have practice rooms free from intrusion of any kind and if on account of sickness or for any other reason the pupil is prevented from practicing, arrangements must be made by the renter of the piano for the pupil to practice elsewhere.

EXPENSES

Preparatory, one lesson a week by assistant (9 weeks)	\$8.00
Preparatory, two lessons a week, (30 minutes each) By Assistant (9 weeks)	15.00
Prep. and Normal, Miss Brown, two lessons a week (9 weeks)	20.00
One lesson a week (9 weeks)	10.00
Collegiate, Two lessons a week (9 weeks) ..	25.00
One lesson a week (9 weeks)	13.00
Fewer than nine lessons, each	1.25
Rent of piano, per quarter (9 weeks) from	\$2.00 to \$3.00

Terms in advance; no deduction for absence. All excused lessons must be made up during the semester.

VIOLIN.

ORCHESTRA.

The Orchestra is open to all who desire to learn something of standard orchestra works and who pass suitable examinations for admission. The aim is to make this a real symphony orchestra. Special inducements are offered to cellist, flute, French horn, or bassoon players. Write for information to A. R. Lauer, Director. One hour credit is given.

CLASS INSTRUCTION IN VIOLIN.

Classes in Violin are open to students from five to twelve years of age at the following rates:

Five to eight years, six in class for one hour, thirty-five cents a lesson.

Nine to twelve years, four in class for one hour, fifty cents a lesson.

Smaller classes will be divided proportionately, based upon the rate of beginners, per half hour, ten dollars during term of nine weeks, one lesson a week.

BAND.

An opportunity is offered for those who wish to play and receive instructions on any band instrument. The band is under the same regulations and direction as the orchestra. Those who wish to play must avail themselves of the best instruments.

THEORY OF MUSIC AND COMPOSITION.**First Year.**

First semester—

1. Elementary harmony and theory. Two hours.
2. Sight Singing and practical application of course. Two hours.

Second semester—

3. Thorough course in harmony, scales, and intervals. Two hours.
4. Various chords of seventh and ninth and their inversions Practical application Two hours.

Second Year.

First semester—

5. Modulations, key relations, altered, diminished, and augmented chords. Two hours.

6. Modern harmony and non-harmonic tones. Two hours.

Second semester—

7. Harmonic analysis of standard works. Note book of chords required. Two hours.
8. Advanced harmony. Instrumental application of theoretical knowledge acquired in preceding courses. Two hours.

Third Year.

First semester—

10. Counterpoint in a detailed study of technicalities in general. Two hours.
11. Applied counterpoint and harmonic relationship to composition. Two hours.

Second semester—

12. Canon and fugue. Two hours.
13. Musical form and composition in miniature. Two hours.

Fourth Year.

First semester—

14. Study of various forms of composition and outline works of structural composition. Two hours.
15. Writing of some standard form of composition in larger form at option of student. Research and transcription. Two hours.

Second semester—

16. Thorough study of instruments in their respective order. A general understanding must be acquired of their possibilities. Study of scores and orchestration of some number to be selected by the student at the suggestion of the instructor. Three hours.
17. Original subject to be invented, developed, and worked out in some form of orchestral

composition, at the option of the student under the direction of the instructor. This course is intended to develop the initiative of the student. More time may be required for the completion of this course at the option of the teacher. Two hours.

HISTORY OF MUSIC

First Year.

A study of the general development of music from ancient to modern times; development of the opera, oratorio, pianoforte, organ, and violin. A study of the great masters. Two hours.

Second Year.

A detailed study of music of operas, oratorios, piano, and violin. One or two hours.

APPRECIATION.

A course on musical appreciation and construction designed to broaden musical culture by a study of some of the masterpieces from the viewpoint of the auditor. A Starr phonograph is used to illustrate each subject. This course is offered particularly for college students and no previous technical training is required. One hour.

EAR TRAINING.

This course includes a recognition of intervals, a study of rhythms, writing of simple melodies from dictation. The course trains the ear to hear correctly and the mind to think musically. One or two hours.

FEEES.

Theory, History of Music, or Ear Training,	
each quarter,	\$5.00
Any two or more, a quarter,	4.00
Appreciation, a semester.....	2.50

CONDUCTING

A one hour course open to all students of music, but required of all candidates for certificate, diploma, or degree. The course of conducting is based upon the best modern authorities. One hour.

The above course is outlined leading to the degree Bachelor of Music in composition. Not more than six hours in theory can be carried at once and this must be in successive courses. Only those who major in music can carry the full theory course. Those who major in composition must have supplementary work to above. Credit is given for work done previously according to work accomplished.

HISTORY OF MUSIC

First Year.

1. Study of ancient and medieval music and polyphonic schools. Folk music and ancient modes in detail. Two hours.

2. Development of oratorio, opera, and instrumental music. The Renaissance and its effect; Romantic composers; modern tendencies in music. Two hours.

Second Year.

3. A complete review of current history of music, artists, opera, orchestra, and modern composers. Lectures and research work. This course is intended to cultivate a broad knowledge of instruments and music for those who intend to make music a profession.

4. Special course to each class, especially in piano, violin, or voice. A study of recognized artists, repertoire, etc. Research work. Required of all degree or diploma students.

TUITION

Harmony courses 1, 2, 3, 4, 5, 6, 7, and 8. Conducting, and History of Music.

For each two hour subject\$4.00 a quarter.

For each one hour subject\$2.50 a quarter.

Advanced theory, counterpoint, and composition courses 9, 10, 11, 12, 13, 14, 15, and 16.

For each two hour subject\$5.00 a quarter.

For each one hour subject\$3.00 a quarter.

When two or more theory subjects are taken at once, for each hour \$2.00 a quarter. No reduction is made for lessons missed. Credit is given for theory according to hours spent in class.

TUITION FOR VIOLIN

Certificate Course, \$10.00 a quarter. For less than a semester, \$1.25 a thirty minute period.

Diploma Course, \$12.00 a quarter. For less than a semester, \$1.75 a thirty minute period.

Degree Course, \$15.00 a quarter. For less than a semester, \$2.00 a thirty minute period.

Classes for younger children are taught at much reduced rates. These classes are very satisfactory and add interest to the first year of study. Rates will depend upon the number in each class. Class method is used universally in Europe for young children. This accounts for the large number of prodigies, which are so rare in America. Credit is allowed on the same basis as for work in Piano and Voice.

COMMERCIAL DEPARTMENT

J. HOWARD FRIES, SUPERINTENDENT.

BETTER PREPARATION FOR BUSINESS IS AFFORDED AT McPHERSON COLLEGE

The purpose of this department is to furnish the student with a practical education in the principles and methods of modern business. We believe in character building as fundamental to any business training, and our aim is to render our graduates distinguishable by their manly and womanly bearing, and sound business principles.

The regular one-year course has been prepared for students who desire to enter business as book-keepers, or as general office assistants. The advanced two-year course offers a thoroughly modern course for those who are preparing to meet the demand for teachers of commercial subjects in high schools.

This department affords many valuable advantages which cannot be secured in the ordinary business college. Our commercial students take part in the various athletic and literary activities of the school. The literary societies, public programs, library and reading rooms, and gymnasium are some of the advantages which every thoughtful student will consider in selecting a school.

Each student who satisfactorily completes either the regular course or the advanced course will receive a diploma.

BOOK-KEEPING

No person can give an intelligent record of a series of business transactions without a thorough knowledge of the fundamental principles of book-keeping and accounting. We use one of the latest and most practical courses published. The forms have been drawn from actual transactions and many of them are being used today by practicing accountants. The student becomes familiar with the necessary business forms by receiving, filing and issuing all business papers.

COMMERCIAL ORTHOGRAPHY

The importance of correct spelling can hardly be overestimated. Nothing stamps one as illiterate so quickly as poor spelling. Various attempts have been made to simplify our language and reduce it to a phonetic basis but as yet nothing has been accomplished in this direction. It remains for us to spell the language as it is or suffer for our neglect.

COMMERCIAL ARITHMETIC

Next to bookkeeping this is the most practical subject in the commercial course. To be able to figure quickly and accurately problems involving interest, discount, commission, percentage, etc., is an asset of no small value.

BUSINESS ENGLISH.

The great amount of business which is transacted today by correspondence is sufficient to convince anyone of the importance of this subject. There is no difference between "good English" and "business English," but in this subject we consider as far as possible the language peculiar to business transactions.

COMMERCIAL LAW.

Although the legal maxim "Ignorance of the law excuses none" applies to all, we do not aim in this course to produce lawyers. Our purpose is to acquaint the student with his legal rights and responsibilities, and thereby enable him to avoid litigation. Some of the most costly lawsuits have been due to ignorance of simple principles of contracts.

PENMANSHIP

Good business writing is one of the most important elements in commercial training. An easy, legible rapid business hand always has commercial value. He who possesses a good business hand writing always receives the preference, provided other things are equal. We impart instruction in the very best and latest systems and improvement is certain to crown faithful efforts.

Students having mastered the fundamental principles of good business writing, will be given individual work in ornamental penmanship, lettering, flourishing, and engrossing.

COMMERCIAL GEOGRAPHY

This is a thorough study of agricultural, mineral, and manufactured products; trade centers; routes of commerce on land and sea; and general commercial conditions.

HIGHER COMMERCIAL EDUCATION

After completing the ordinary commercial course we have provided a year of advanced work in which the student receives a broad and extensive insight into the affairs of the business world. This course is designed to fit the student for the position as manager of a business.

HISTORY OF COMMERCE

A history of the world's commerce is a story of much more than international barter and sale. A nation's commerce is born of its industry and is a part of its struggle for the necessities, the comforts, and the luxuries of life. The story is taught in a systematic manner, in order that the student may get a clear-cut picture of the commercial growth and decay of nations, and an understanding of the forces, industrial, social and climatic, which have contributed to the steady expansion of the world's trade.

HIGHER ACCOUNTING

Advanced work is given in book-keeping, such as expert accounting, labor-saving methods, auditing, corporation and cost-accounting, and banking.

POLITICAL ECONOMY

A study of the laws governing wages, prices and interest, system of taxation, influence of legislation, tariff, free trade, trusts, and a host of other important items influencing commercial development.

CIVICS.

A study of our systems of national, state and municipal governments, as embodied in their legislative, judicial and executive departments; duties and obligations of citizenship.

AMERICAN NATIONAL BANKING

A practical Banking course. Especially strong in Exchange work. The "cap sheaf" of a business course.

COMMERCIAL COURSE

First Year

Second Year

First Semester	Bookkeeping (8) Commercial Arithmetic (4) English (4) Penmanship (4) Orthography (3)	Bookkeeping Political Economy Civics History of Commerce English
Second Semester	Bookkeeping (8) Commercial Law (4) Typewriting (8) English (4) Penmanship (4)	*Bookkeeping *Banking Civics Typewriting Salesmanship English

*Elective

NOTE:—The figures above in parentheses indicate the number of hours' recitation a week.

SHORTHAND

E. J. UNRUH

In no department of commercial life is there a greater demand for trained office help than in Stenography. Business is constantly increasing with the development of our country; new enterprises are being established and old ones enlarged; and business men are realizing more and more their dependence upon skillful writers of Shorthand to aid them in dispatching their daily volume of correspondence. The statement is sometimes made that the supply exceeds the demand—that there are too many shorthand writers. The same, however, can be said of any other profession, trade or calling. The old saying, "There is plenty of room at the top," is as true in stenography as in any thing else. Poor stenographers are attempting to fill positions, and, as a result, are always hunting work; GOOD ONES ARE

SCARCE AND ARE IN DEMAND AT ALL TIMES. Any stenographer who is competent, and who has sufficient energy to seek employment, can get it with little difficulty. No other clerical position offers a greater opportunity for advancement than stenography.

We teach the Gregg System of Shorthand. It is a light-line system, having neither shading nor position, and can be mastered readily. Because of the rapidity and accuracy with which it is learned, written and read, because of the satisfaction it has given in actual business, it is now regarded and adopted by the majority of the leading stenographers and teachers as the simplest and the best.

TYPEWRITING

E. J. UNRUH

This is a branch of the Stenographic course which should appeal to every student, whether in the Commercial Department or any other department of the college, as every one should know how to operate a typewriter rapidly and skillfully. Time is too precious for the busy man or woman of to-day to waste it in writing with the pen.

This department is conducted upon the most approved methods and offers the best advantages to all who desire to attain the highest degree of proficiency. Machines of the latest improved patterns are used and ample time for practice is given. The latest scientific method of fingering the key-board is taught, enabling the pupil to learn how to use his fingers correctly. Touch Typewriting is rapidly growing in the favor and estimation of the best stenographers and typewriter operators throughout the country, as it admits of much greater possibilities in the acquisition of speed and is now being taught in

all schools of recognized standing. Accuracy, neatness and speed are soon acquired by the performance of the daily work assigned. Transcripts are made from shorthand notes, strict attention being paid to spelling, punctuation, paragraphing, arrangement, etc. Students are also required to write upon the machine, hundreds of letters representing the different lines of mercantile and professional business, thus making them acquainted with the peculiar technicalities of each. Too much skill in the use of the machine cannot be acquired, as it is perhaps the most important of the many qualifications which the stenographer must possess.

SHORTHAND AND BOOK-KEEPING

The call for assistance in Business and Professional offices is for a combination of Bookkeeping and Stenography. One who is efficient in these two branches is thoroughly equipped for a successful career in the commercial world.

In addition to the regular courses in Commerce and Stenography special tests will be given to students who wish to qualify for Government positions under the civil service examinations.

STENOGRAPHY Outline of Courses

	FIRST YEAR	SECOND YEAR
Semester First	Shorthand (4)	Shorthand (6)
	English (4)	Typewriting (4)
Semester Second	Orthography (3)	English (4)
	Penmanship (4)	Commercial Arithmetic (4)
	Typewriting (4)	
	Shorthand (4)	Shorthand (4)
Semester Second	Typewriting (4)	Typewriting (4)
	English (4)	English (4)
	Bookkeeping (8)	Commercial Law (4)

NOTE.—The figures above in parentheses indicate the number of recitations a week.

CERTIFICATES AND DIPLOMAS.

Those completing the first year's course will receive certificates.

Those completing the two years' course will receive diplomas.

THE ART SCHOOL

MRS. J. W. DEETER, B. S. D.

The study of art is one of the mediums through which we learn thoroughly to know and to appreciate nature and life. We have a wonderfully wide range of subjects for interpretation and study and much stress is laid on perspective, comparison of proportions, and light and shade. Only the best of materials are used. All work must pass the inspection of the teacher before pronounced finished. The courses of study are as follows:

I. China Decorating.—Conventional, Semi-Conventional, and Naturalistic Designing. The application of Lustres and Mats. All work is retouched by the teacher so as to insure finished work of value. Class lessons, 3 hours each. Limit, 5 in a class.

II. Water Color.—Standard Studies, Nature, and Life are used in this course. Whatman's H. P. Board is used, which allows for much dampening and insures a good blending of color. The washy method is used for trees, backgrounds, and landscapes, and the Italian method for painting faces. Class lessons, 3 hours each. Limit, 5 in a class.

III. Pastel Painting.—One of the easiest and most beautiful mediums in use is pastel. A picture may be finished in less time and the colors blend more beautifully than in any other medium. If you need pictures for your home or room you will find what you are wanting in pastel. The colors are rub-

bed into sanded board. Class lessons, 3 hours each. Limit, 5 in a class.

IV. Chalk Drawing.—A good course for ministers, Sunday School teachers, and public speakers. Material is worked out in connection with songs, poems, sermons, and secular addresses, such as Anti-Tobacco lectures. Some comic studies are included to add interest. Class lessons, 3 hours.

V. Drawing and Charcoal.—This course is especially helpful to students who wish to teach art in public schools. (1) **First semester**—A few lessons are given in Poster and Letter Making, Designing, Water Color, and Modeling. This is followed by Pencil and charcoal drawing from studies.

(2) **Second semester**—Charcoal study is continued, using as studies Still Life and Human Life. Class lesson, 3 hours. (Once a week).

VI. Reed Weaving.—This is an especially interesting course open to all students, although credit is given to those in the academy only. A thorough knowledge of the different weaves is gained through the making of baskets, trays, lamps, chairs, etc. Many useful articles are made in this class. Class lessons, 4 hours (Once a week.)

VII. Oil Painting.—This will be taught if sufficient demand is made.

TUITION

Course I.	A semester, one lesson a week	\$15.00
Course II.	A semester, one lesson a week	15.00
Course III.	A semester, one lesson a week	15.00
Course IV.	A semester, one lesson (2 hours) a week	15.00
Special lessons each		\$1.00

All tuition is payable in advance. No deduction is made for absence. Excused lessons must be made up during the semester.

CREDIT

Courses V. and VI. are intended for public school teachers and are elective without special tuition. They run the entire year and give $\frac{1}{4}$ unit credit each semester in the academy. College credit is given the last semester of course V. College credit may be secured in courses I., II., III., and IV.

STUDENT REGISTER 1920-1921

POST GRADUATES.

Brubaker, Mrs. W. E.	McPherson, Kan.
Dickens, Olivia	Hoverhill, Mass.
Holsopple, Evelyn	Versailles, Missouri
Hollinger, Martha	North Manchester, Indiana

SENIOR COLLEGE.

Betts, Gilbert	Nampa, Idaho
Beckner, Ada	Overbrook, Kansas
Blickenstaff, Miles	McPherson, Kansas
Bowman, Ida	Quinter, Kansas
Bowman, Lewis	Quinter, Kansas
Boone, G. N.	McPherson, Kansas
Brubaker, Warnie	McPherson, Kansas
Burkholder, Alice	McPherson, Kansas
Cullen, Ray	McPherson, Kansas
Dean, Charles	McPherson, Kansas
Dickens, Olivia	Haverhill, Massachusetts
Engle, Howard	Ablene, Kansas
Evans, Della	McCune, Kansas
Fike, Susie	Ramona, Kansas
Frantz, Harrison	McPherson, Kansas
Frantz, Earl	McPherson, Kansas
Gnagey, Lucile	Fruita, Colorado
Holsopple, Chester	Versailles, Missouri
Hill, Lola	McPherson, Kansas
Helgen, Ida	Ruthford, Iowa
John, Rockla	Springdale, Ark
Merkey, Samuel	Cloud Chief, Okla.
Naylor, Lewis	Portia, Kansas
Stump, Maud	Wawaka, Texas
Urey, Martha	Seattle, Washington
VanPelt, Edward	Richmond, Missouri
Voth, Jacob	Buhler, Kansas
Yoder, Paul	Sabetha, Kansas
Zook, Golda	Kansas City, Kansas

JUNIOR COLLEGE.

Blackman, Leslie	McPherson, Kansas
Burkholder, Theodor	McPherson, Kansas
Brubaker, Crawford	McPherson, Kansas
Beam, Harold	Holmesville, Nebraska
Brubaker, Mrs. Crawford	McPherson, Kansas
Crist, Maud	Skidmore, Missouri
Crumpacker, Lloyd	McPherson, Kansas
Cullen, Nellie	McPherson, Kansas
Dirke, Isaac	Buhler, Kansas
Ebel, Mrs. B. E.	McPherson, Kansas
Eshelman, C. A.	McPherson, Kansas

Foutz, Homer	Guide Rock, Nebraska
Frantz, Bertha A	Conway Springs, Kansas
Geiman, Mary	Larned, Kansas
Hjehn, Fritz J	McPherson, Kansas
Holsinger, Ralph	Agra, Oklahoma
Holmes, Olive	Carthage, Missouri
John, Bernice	Springdale, Arkansas
Johnson, Josephine	McPherson, Kansas
King, Mayme	Larned, Kansas
Kilmer, Ruth	McPherson, Kansas
Martin, Scott	Wiley, Colorado
Mohler, Marguerite	Plattsburg, Missouri
Mohler, Mary	Leeton, Missouri
Morris, Mrs. C. S.	McPherson, Kansas
McClain, Clara	McPherson, Kansas
Miller, Ruth	Blackwell, Oklahoma
Miller, Mary	Blackwell, Oklahoma
Martin, Clifford	Wiley, Colorado
Mohler, Florence	Leeton, Missouri
Muse, Marguerite	McPherson, Kansas
Miller, Grace	Galva, Kansas
Martin, Rodney	Wiley, Colorado
Miller, Mrs. M. L.	Blackwell, Oklahoma
Nininger, Mrs. H. H.	McPherson, Kansas
Neher, S. J.	McPherson, Kansas
Neher, Roy	McCune, Kansas
Pair, Paul	Boonville, Nebraska
Rupp, Elmer	Flowella, Texas
Strohm, Ralph	Redfield, Kansas
Studebaker, Iva	McPherson, Kansas
Slifer, Fahrney	Nickerson, Kansas
Sager, DeWitt	McPherson, Kansas
Strickler, Glenn	Ramona, Kansas
Stiles, Ira	McPherson, Kansas
Saylor, Galen	Carleton, Nebraska
Saylor, Edward	Ramona, Kansas
Stover, H. R.	McPherson, Kansas
Saylor, Lloyd	Carleton, Nebraska
Terflinger, Roy	Monmouth, Kansas
Tracey, Jay	Twin Falls, Idaho
Trapp, Oliver	Wichita, Kansas
Tice, Galen	Summerfield, Kansas
Teter, Melvin	McPherson, Kansas
Tousley, Emma	Scottville, Michigan
VanPelt, Bessie	McPherson, Kansas
Witmore, Irma	McPherson, Kansas
Wine, Eme. J.	Woodside, Delaware
Whitmer, Ethel	Zenda, Kansas

SOPHOMORE COLLEGE.

Anderson, Adelyn	McPherson, Kansas
Barnes, Harold	McPherson, Kansas
Bowman, Stella	Quinter, Kansas
Brammell, Ira	Ozawkie, Kansas

Brammell, Paris Roy	Ozawkie, Kansas
Brammell, Everett	Ozawkie, Kansas
Brunk, Elmer	McPherson, Kansas
Bish, Margaret	Rocky Ford, Colo.
Bowers, Harry	Salina, Kansas
Correll, Ada	Abilene, Kansas
Crumpacker, Earl	McPherson, Kansas
Carter, Jessie	Lyons, Kansas
Curtis, Iva	McPherson, Kansas
Crumpacker, Grace	McPherson, Kansas
Cripe, Ruth	McPherson, Kansas
Cullen, Marie	McPherson, Kansas
Crumpacker, Eulah	McPherson, Kansas
Daggett, John	Osborne, Kansas
Dell, Carl	Beatrice, Nebraska
Davenport, Willa	McPherson, Kansas
Ebbert, Golda	McPherson, Kansas
Enriken, Grace	McPherson, Kansas
Engle, Estella	Hope, Kansas
Eshelman, Mrs. Carrie	McPherson, Kansas
Evans, Nora	McCune, Kansas
Florman, Lewis	McPherson, Kansas
Fisher, Earl	Fruitland, Idaho
Fasnacht, Naomi	Wiley, Colorado
Garvey, Jess	McPherson, Kansas
Gieckler, Gertrude	McPherson, Kansas
Hawley, Irene	McPherson, Kansas
Heckman, Letha	McPherson, Kansas
Hope, Marie	Adrian, Missouri
Holcomb, Floyd	Canton, Kansas
Hoover, Foster	Lone Star, Kansas
Heaston, Inez	McPherson, Kansas
Harnly, Betty	Chicago, Illinois
Hiebert, J. W.	McPherson, Kansas
Hylton, Roy	Protection, Kansas
Johnson, Glenn	McPherson, Kansas
Jones, Herman	Avery, Missouri
Keyes, Mary	McPherson, Kansas
Kurtz, Harold	Glendale, Arizona
Lehman, Ralph	Carlton, Kansas
Lundeen, Bertha	McPherson, Kansas
Mohler, John	Leston, Missouri
Meyer, Marguerite	McPherson, Kansas
McClelland, Hervey	McPherson, Kansas
Martin, Cecile	McPherson, Kansas
Nice, Milo	Columbus, Kansas
Neher, Edna	McCune, Kansas
Neher, Lota	McCune, Kansas
Naylor, Gladys	Portis, Kansas
Price, John	LaVerne, California
Pote, Orville	Ripley, Oklahoma
Penland, Wilson	McPherson, Kansas
Rupp, Clyde	Flowella, Texas
Rump, August	Conway, Kansas

Stratton, Rachel	Ray, North Dakota
Stantz, Arthur	McPherson, Kansas
Showalter, Clarence	McPherson, Kansas
Smothers, Howard	McPherson, Kansas
Stover, Mrs. H. R.	McPherson, Kansas
Schermerhorn, Ernest	Cassopolis, Michigan
Schermerhorn, Albert	Cassopolis, Michigan
Vaniman, Victor	Cordell, Oklahoma
Vaniman, Rowena	McPherson, Kansas
Winger, Mrs. Roger	McPherson, Kansas
Wales, Jesse	Pond Creek, Oklahoma
Yoder, Jacob	Carleton, Nebraska

FRESHMAN COLLEGE.

Almen, Eunice	McPherson, Kansas
Brubaker, Gladys	McPherson, Kansas
Betts, Vilas	Nampa, Idaho
Bishop, W. E.	Sterling, Kansas
Brubaker, David	Conway Springs, Kansas
Brubaker, Gilbert	McPherson, Kansas
Boone, Olive	McPherson, Kansas
Brubaker, Elmer	McPherson, Kansas
Brubaker, Everett	Wichita, Kansas
Barker, Marguerite	McPherson, Kansas
Carver, Toy	Canadian, Texas
Crumpacker, Sanger	McPherson, Kansas
Crumpacker, Clyde	McPherson, Kansas
Crumpacker, Leonard	McPherson, Kansas
Correll, Harold	Abilene, Kansas
Crumpacker, Mrs. Leonard	McPherson, Kansas
Crumpacker, Mrs. Lloyd	McPherson, Kansas
Clark, Raymond	McPherson, Kansas
Curtis, Myrl	McPherson, Kansas
Daggett, Rufus	Osborne, Kansas
Davisson, Vera	Burr Oak, Kansas
Draeger, Carl	Thornburg, Iowa
Dennis, Marie	Bucklin, Kansas
Delzell, William	Pond Creek, Oklahoma
Elliott, Helen	McPherson, Kansas
Ebaugh, Grace	McPherson, Kansas
Edwards, Gladys	Chanute, Kansas
Eshelman, Sumner	Red Cloud, Oklahoma
Ellenberger, Golda	Longmont, Colorado
Frantz, Ruth	Conway Springs, Kansas
Fast, Rhea	Ashland, Ohio
Hiebert, Theodore	McPherson, Kansas
Hawley, Lloyd	McPherson, Kansas
Hodges, George	McPherson, Kansas
Hayes, Cecil	Manzanola, Colorado
Ikenberry, Christian	McPherson, Kansas
Ilsey, Haddon	McPherson, Kansas
Irtig, Irvin	McPherson, Kansas
Ikenberry, Bertha	Quinter, Kansas
Ikenberry, Mrs. Ruth	McPherson, Kansas

Jacobs, Helen	McPherson, Kansas
Johnson, Ida	Wichita, Kansas
Jones, Roland	McPherson, Kansas
Loshbaugh, Ralph	Hollow, Oklahoma
Loshbaugh, Mrs. Ralph	Hollow, Oklahoma
Lingenfelter, George	McPherson, Kansas
Maust, Samuel	Waterloo, Iowa
McKittrick, Iva	Wiley, Colorado
Marchand, Earl	Thomas, Oklahoma
Moyer, Dora	Wiley, Colorado
Myers, Anna	McPherson, Kansas
McGaffey, Winona	Abilene, Kansas
Merkey, Maude	Portis, Kansas
Muse, Edith	McPherson, Kansas
Moors, Eunice	McPherson, Kansas
Neher, Mark E.	Leeton, Missouri
Nachtigal, G. A.	Buhler, Kansas
Norman, Marion	McPherson, Kansas
Pentecost, Ruth	Leeton, Missouri
Prather, Elvis	Mound City, Missouri
Peckover, Walter	Adams, Kansas
Robb, Theodore	McPherson, Kansas
Strickler, Harold	El Centro, California
Scarborough, Goldie	Plattsmouth, Nebraska
Spitzer, Ben. R.	Wiley, Colorado
Spurgeon, Blanche	Adel, Iowa
Strickler, Dale	Ramona, Kansas
Smith, Norma	Minneola, Kansas
Spurgeon, Beulah	Adel, Iowa
Schneider, Carl	Liberal, Kansas
Shirky, Robert	Hardin, Missouri
Tice, Harold	Summerfield, Kansas
Tharrington, Bruce	McPherson, Kansas
Thornton, Dorothy	McPherson, Kansas
Vanman, David Ray	Cordell, Oklahoma
Vogt, Hazel	Versailles, Missouri
Vanscoyoc, Omer	Mont Ida, Kansas
Waas, Mary	Fredonia, Kansas
Winder, Jessie	Waldo, Kansas
Yoder, Harlan	McPherson, Kansas
Young, Gene	Sebring, Florida

SENIOR ACADEMY.

Boone, Frank	McPherson, Kansas
Boggs, Calvin	Larwell, Indiana
Brammell, Iva	Ozawka, Kansas
Crumpacker, Laura	McPherson, Kansas
Correll, Sada	Abilene, Kansas
Correll, Frank	Abilene, Kansas
Crist, Lee	Skidmore, Missouri
Daron, Garman	McPherson, Kansas
Daron, Zelma	McPherson, Kansas
Dirks, Helen	Buhler, Kansas
Eller, Jay	Arriba, Colorado

Fox, Lee	Larned, Kansas
Fleming, Avery	McPherson, Kansas
Fleming, Mabel	McPherson, Kansas
Garman, Dale	Cambridge, Nebraska
Gish, W. W.	Belleville, Kansas
Garst, Helen	Watson, Missouri
Goering, Peter	Moundridge, Kansas
Himes, Addie	Hope, Kansas
Hutchison, Haven	Thomas, Oklahoma
Himes, Ralph	Hope, Kansas
Johnson, Carl	McPherson, Kansas
Kinzie, Lila	Nickerson, Kansas
Lauver, Eva	Omega, Oklahoma
Lauver, E. L.	Omega, Oklahoma
Lengel, Anna	Burlington, Colorado
Lingle, Lauvera	McPherson, Kansas
Landis, Nellie	Conway Springs, Kansas
Long, Vivian	McPherson, Kansas
McGaffey, Maxine	Abilene, Kansas
Merkey, David	Cloud Chief, Oklahoma
Moors, Esther	McPherson, Kansas
Mugler, Minnie	McPherson, Kansas
Mikow, Louis	Elyria, Kansas
Mohler, Samuel	Warrensburg, Missouri
Nielson, Peter	McPherson, Kansas
Neher, Simon	Wenatchee, Washington
Okerlund, Mabel	Galva, Kansas
Pitzer, Marie	Cordell, Oklahoma
Rexroad, Ruth	Fowler, Kansas
Rhodes, Arno	Clovis, N., Mexico
Schroeder, Victor	Canton, Kansas
Shirk, Elva	Elgin, Oklahoma
Stansbury, Clara	McPherson, Kansas
Slifer, Edith	Hagerstown, Maryland
Slabaugh, Adria	Conway, Kansas
Turcotte, Thelma	Pampa, Texas
Turcotte, Rose	Pampa, Texas
Witmore, Gertrude	McPherson, Kansas
Waas, B. F.	Fredonia, Kansas
Wampler, Herkie	McPherson, Kansas

JUNIOR ACADEMY.

Amos, Jennie	McClave, Colorado
Adamson, Gladys	McPherson, Kansas
Brubaker, Maggie	Cordell, Oklahoma
Blickenstaff, Susie	Quinter, Kansas
Bowman, Laura	Hardin, Missouri
Brand, Russell	McPherson, Kansas
Burgin, William	Burr Oak, Kansas
Crumpacker, Lillie	McPherson, Kansas
Crumpacker, Leo	McPherson, Kansas
Dell, Milton	Beatrice, Nebraska
Edgecomb, Minnie	McPherson, Kansas
Ellenberger, Emmett	McClave, Colorado

Howard, Olive	Holmesville, Nebraska
Howell, Price	Cloud Chief, Oklahoma
Ikenberrg, Mrs. Julia	Quinter, Kansas
Johnson, Irene	McPherson, Kansas
Leighty, Yozelle	Hutchinson, Kansas
Mohler, Helen	Quinter, Kansas
McKee, Irma	Conway Springs, Kansas
Parry, Rowland	Larned, Kansas
Quinn, Arthur	Kansas City, Missouri
Rhodes, Floye	McPherson, Kansas
Shrk, Vada	Elgin, Oklahoma
Stanbury, Mabel	McPherson, Kansas
Sorenson, Matilda	Cambridge, Nebraska
Unruh, John	Goessel, Kansas
VanPelt, Etta	Richmond, Missouri
Vanman, Anita	Cordell, Oklahoma
Wray, Eunice	Pomona, Kansas
Weigand, Florence	Inman, Kansas
Weybright, Cleo	Cambridge, Nebraska
Yoder, Neva	Conway, Kansas

SOPHOMORE ACADEMY

Beal, Alice	Conway Springs, Kansas
Brown, Howard	Valley Falls, Kansas
Birkin, Alice	McPherson, Kansas
Birkin, Leonard	McPherson, Kansas
Campbell, Emma	Enid, Oklahoma
Carlson, Lois	Gypsum, Kansas
Dawson, Ines	Hutchinson, Kansas
Dawson, Hollis	Hutchinson, Kansas
Edgecomb, Anna	McPherson, Kansas
Fleming, Mrs. Avery	McPherson, Kansas
Finfrock, Norma	Darlow, Kansas
Freeburg, Carl	McPherson, Kansas
Gelman, N. B.	Larned, Kansas
Gelman, A. I.	Larned, Kansas
Grant, Jonas	McPherson, Kansas
Hill, Ethel	Partridge, Kansas
Ihrig, Porter	Fairfield, Missouri
Johnson, Edna	Elyria, Kansas
Lyons, Evelyn	McPherson, Kansas
Lockett, W. T.	McPherson, Kansas
Lingle, Anna	McPherson, Kansas
Lockett, Bessie	McPherson, Kansas
Lengel, Charles	Burlington, Colorado
Lehman, Harvey	Carlton, Kansas
Lehman, Harry	Carlton, Kansas
Loshbaugh, Orpha	Hollow, Oklahoma
Lengel, John	Burlington, Colorado
Martin, Ralph	Wiley, Colorado
Miller, Silas	McPherson, Kansas
Miller, M. L.	Blackwell, Oklahoma
Murray, Clyde	Oneida, Kansas

Olsen, Alice	Navarre, Kansas
Okerlund, Oliver	Galva, Kansas
Ratzlaff, Jacob	Buhler, Kansas
Spicer, Charles	Abilene, Kansas
Spicer, John	Abilene, Kansas
Teeter, Grace	Conway, Kansas
Ullom, Ruth	Lamar, Colorado
Voth, Walter	Moundridge, Kansas
Vanscoyoc, May	Mont Ida, Kansas
Watkins, Edith	Mont Ida, Kansas
Westrick, Floyd	Belleville, Kansas

FRESHMAN ACADEMY

Brown, Elvin	Larned, Kansas
Brown, Howard	Larned, Kansas
Daniel, W. E.	McPherson, Kansas
Eschmann, Minnie	McPherson, Kansas
Eschmann, Henrietta	McPherson, Kansas
Evans, Frankie	Kearney, Nebraska
Flessa, Ralph	Gypsum, Kansas
Hawkins, Clarence	Helena, Oklahoma
Hawkins, Henry	Helena, Oklahoma
Hoover, Ralph	Rocky Ford, Colorado
Hupp, Elizabeth	Newton, Kansas
Kondall, Carl	North Topeka, Kansas
Keedy, Beulah	Darlow, Kansas
Lehman, John	Carlton, Kansas
Lengel, Ida	Burlington, Colorado
McGonigle, Elmer	Nickerson, Kansas
Mudra, William	Cicero, Illinois
Slabach, Ina	Conway, Kansas
Swoveland, Ida	Burr Oak, Kansas
Ullom, Victor	Lamar, Colorado
Whiteneck, Mary	Aline, Oklahoma
Watkins, Ruth	Mont Ida, Kansas
Wellington, Glenn	Skidmore, Missouri

BIBLE STUDENTS,
College.

Beckner, Ada E.	Overbrook, Kan.
Betts, Gilbert	Nampa, Ida.
Bish, Margaret	Rocky Ford, Colo.
Bowman, Ida	Quinter, Kan.
Bowman, Louis	Quinter, Kan.
Boone, George	McPherson, Kan.
Blickenstaff, Miles	Quinter, Kan.
Brubaker, Warnie E.	McPherson, Kan.
Brubaker, Crawford	McPherson, Kan.
Burkholder, Alice	McPherson, Kan.
Brunk, Elmer	McPherson, Kan.
Carter, Jessie	Lyons, Kan.
Correll, Ada	Abilene, Kan.
Crist, Maud	Skidmore, Mo.
Crumpacker, Banger	McPherson, Kan.

Cullen, Marie	McPherson, Kan.
Cullen, Ray	McPherson, Kan.
Davissou, Vera	Burr Oak, Kan.
Dean, Charles	McPherson, Kan.
Dickens, Olivia	Haverhill, Mass.
Ebbert, Golda	McPherson, Kan.
Ebel, Mrs. B. E.	McPherson, Kan.
Engle, Estella	Abilene, Kan.
Engle, J. Howard	Abilene, Kan.
Entriken, Grace	McPherson, Kan.
Eshelman, C. A.	McPherson, Kan.
Fasnacht, Naomi	Wiley, Colo.
Fast, Rhea	Ashland, Ohio
Frantz, Earl M.	McPherson, Kan.
Frantz, H. A.	McPherson, Kan.
Garvey, Jesse H.	Leeton, Mo.
Geiman, Mary	Larned, Kan.
Gleckler, Gertrude	McPherson, Kan.
Harnly, Betty	Chicago, Ill.
Heckman, D. H.	McPherson, Kan.
Hayes, Cecil B.	Manzanola, Colo.
Holsinger, Ralph	Agra, Okla.
Hylton, Roy	McPherson, Kan.
Ihrig, Irvin	McPherson, Kan.
Ikenberry, Christian	McPherson, Kan.
John, Bernice	Springdale, Ark.
John, Rockla	Springdale, Ark.
Johnson, Josephine	McPherson, Kan.
Kinzie, Lila	Nickerson, Kan.
Kilmer, Ruth	McPherson, Kan.
Koyes, Mary	McPherson, Kan.
King, Mayme	Larned, Kan.
Kurtz, Harold	Glendale, Ariz.
Lehman, Ralph	Cariton, Kan.
Long, Mrs. H. C.	McPherson, Kan.
Martin, Cecile	McPherson, Kan.
Martin, Clifford	Wiley, Colo.
Maust, Samuel	Waterloo, Iowa
Martin, Scott	Wiley, Colo.
Merkey, Maude	Portis, Kan.
Martin, Rodney	Wiley, Colo.
Meyer, Marguerite	McPherson, Kan.
Miller, Mrs. M. L.	Blackwell, Okla.
Moyer, Dora	Wiley, Colo.
Muse, Marguerite	McPherson, Kan.
Mohler, Marguerite	Plattsburg, Mo.
Mohler, Florence	Leeton, Mo.
Mohler, Mary	Leeton, Mo.
Morris, Mrs. C. S.	McPherson, Kan.
Naylor, Lewis	Portis, Kan.
Neher, Mark E.	Leeton, Mo.
Neher, Roy	McCune, Kan.
Neher, S. J.	McPherson, Kan.
Neher, Lota	McCune, Kan.

Paiz, Paul	Beatrice, Neb.
Peekover, Walter	Adams, Kan.
Penland, Wilson	McPherson, Kan.
Price, John C.	LaVern, Calif.
Rexroad, Ruth	Fowler, Kan.
Rump, August	Conway, Kan.
Rupp, Clyde	Flowella, Texas
Saylor, Galen	Carleton, Neb.
Slifer, Fahrney	Nickerson, Kan.
Showalter, Clarence	McPherson, Kan.
Stiles, Ira	McPherson, Kan.
Strickler, Glenn	Ramona, Kan.
Stover, Henry	McPherson, Kan.
Stover, Mrs. Henry	McPherson, Kan.
Stratton, Rael	Ray, N. D.
Scarborough, Goldie	Plattsmouth, Neb.
Terflinger, Roy	Monmouth, Kan.
Teter, Melvin	Carleton, Neb.
Tharrington, Bruce	McPherson, Kan.
Tracey, Jay W.	Twin Falls, Ida.
Tice, Galen	Summerfield, Kan.
Trapp, Oliver	Wichita, Kan.
Tousley, Emma	Scottville, Mich.
Urey, Martha	Seattle, Wash.
Vogt, Hazel	Versailles, Mo.
Whitmer, Ethel	Zenda, Kan.
Wine, Emery C.	Woodside, Dela.
Yoder, Jacob H.	Carleton, Neb.

ACADEMY BIBLE STUDENTS

Adamson, Gladys	McPherson, Kan.
Amos, Jennie	McClave, Colo.
Birkin, Leonard	McPherson, Kan.
Birkin, Alice	McPherson, Kan.
Boone, Frank	McPherson, Kan.
Brammell, Iva	Ozawkie, Kan.
Brown, Howard	Larned, Kan.
Correll, Frank E.	Abilene, Kan.
Correll, Sada	Abilene, Kan.
Crist, Lee	Skidmore, Mo.
Curtis, Myrrel	McPherson, Kan.
Crumpacker, Lillie	McPherson, Kan.
Daniel, W. E.	McPherson, Kan.
Dirks, Benjamin	Buhler, Kan.
Dirks, Helen	Buhler, Kan.
Daron, Garman H.	McPherson, Kan.
Ellenberger, Emmett	Wiley, Colo.
Fries, Mary	Shady Grove, Pa.
Forney, Mrs. F. W.	McPherson, Kan.
Fleming, Mable	McPherson, Kan.
Fleming, Avery	McPherson, Kan.
Fleming, Mrs. Avery	McPherson, Kan.
Freeberg, Carl	McPherson, Kan.
Garman, Dale	Cambridge, Neb.

Garst, Helen	Watson, Mo.
Hutchison, Haven	Thomas, Okla.
Hoover, Ralph	Rocky Ford, Colo.
Hylton, R. P.	Protection, Kan.
Johnson, Irene	McPherson, Kan.
Johnson, Carl V.	McPherson, Kan.
Long, H. C.	McPherson, Kan.
Long, Vivian A.	McPherson, Kan.
Luckett, W. T.	McPherson, Kan.
Lengel, Ida C.	Burlington, Colo.
Lawver, Edward L.	Omega, Okla.
Lawver, Eva M.	Omega, Okla.
Leighty, Yozelle	Hutchinson, Kan.
Loebhaugh, Ralph	Hollow, Okla.
Miller, M. L.	Blackwell, Okla.
Merkey, David	Cloud Chief, Okla.
Moors, Eunice	McPherson, Kan.
Mugler, Minnie	McPherson, Kan.
Neher, Simon	Wenatchee, Wash.
Okerlund, Mable L.	Galva, Kan.
Rezroad, Ruth	Fowler, Kan.
Schroeder, Victor	Canton, Kan.
Swoveland, Ida	Burr Oak, Kan.
Shirk, Elva	Elgin, Okla.
Stansbury, Clara	McPherson, Kan.
Turcotte, Thelma	Pampa, Texas
Turcotte, Rose	Pampa, Texas
Vanscoyoc, Maye	Mont Ida, Kansas
Witmore, Gertrude	McPherson, Kan.
Wellington, A. G.	Skidmore, Mo.
Waas, B. F.	Fredonta, Kan.
Wray, Eunice	Pomona, Kan.

PIANO.

(Under Miss Brown.)

Adamson, Gladys	McPherson, Kan.
Almen, Eunice	McPherson, Kan.
Anderson, Cordella	McPherson, Kan.
Beckner, Mrs. W. O.	McPherson, Kan.
Brammell, Iva	Ozawkie, Kan.
Bowers, Harry	Salina, Kan.
Chamberlain, Jean Betty	McPherson, Kan.
Cullen, Nellie	McPherson, Kan.
Dawson, Inez	Hutchinson, Kan.
Engstrom, Selma	McPherson, Kan.
Feldt, Robena	McPherson, Kan.
Frantz, Mrs. H. A.	McPherson, Kan.
Frantz, Nellie	McPherson, Kan.
Frantz, Ruth	Conway Springs, Kan.
Frantz, Bertha A.	Conway Springs, Kan.
Freeburg, Inez	McPherson, Kan.
Gish, Mrs. W. W.	Belleville, Kan.
Garst, Helen	Watson, Mo.
Hill, Lois M.	McPherson, Kan.

Harnly, Nellie.....	McPherson, Kan.
Harnly, Mary.....	McPherson, Kan.
Jones, Mrs. J. E.	McPherson, Kan.
Klinkerman, Elsie.....Canton, Kan.
Kinzie, Lila.....	Nickerson, Kan.
Keedy, Beulah.....	Darlow, Kan.
Ledell, Hildegardo.....	McPherson, Kan.
Lingle, Anna.....	McPherson, Kan.
Lengel, Anna.....	Burlington, Colo.
Lindbloom, Autumn.....	McPherson, Kan.
Mohler, Marguerite.....	Plattsburg Mo.
McBride, Helen.....	McPherson, Kan.
McPherson, Mary.....	McPherson, Kan.
McVicker, Edith.....	McPherson, Kan.
Miller, Mariel.....	McPherson, Kan.
Miller, Ruth.....	Blackwell, Okla.
Mugler, Minnie.....	McPherson, Kan.
Meyer, Marguerite.....	McPherson, Kan.
Moors, Eunice.....	McPherson, Kan.
Neher, Edna.....	McCune, Kan.
Poe, Ruth.....	McPherson, Kan.
Quantius, Lucena.....	McPherson, Kan.
Rexroad, Ruth.....Fowler, Kan.
Rhodes, Lela.....	McPherson, Kan.
Ring, Doris.....	McPherson, Kan.
Raffensberger, Ruth.....	McPherson, Kan.
Sager, DeWitt.....	McPherson, Kan.
Studebaker, Isaiah	McPherson, Kan.
Studebaker, Hazel.....	McPherson, Kan.
Studebaker, Opal.....	McPherson, Kan.
Slabaugh, Ina.....Conway, Kan.
Slabaugh, Adria.....Conway, Kan.
Stansbury, Mabel.....	McPherson, Kan.
Simpson, Frances.....	McPherson, Kan.
Stump, Nora.....	Wawaka, Texas
Smith, Norma.....Minneola, Kan.
Turcotte, Thelma.....Pampa, Texas
Toeys, Phyllis.....	McPherson, Kan.
Vaniman, Elberta.....	McPherson, Kan.
Wall, Margaret.....	McPherson, Kan.
Wagoner, Carrie.....	Burr Oak, Kan.
White, Rosalia.....	McPherson, Kan.
White, Ruth.....	McPherson, Kan.

PIANO.

(Under Miss Daniels.)

Boona, Olive.....	McPherson, Kan.
Carver, Toy.....	Canadian, Texas
Colburn, Carl.....	McPherson, Kan.
Crumpacker, Elmer.....	McPherson, Kan.
Crumpacker, Grace.....	McPherson, Kan.
Culler, Delbert.....	McPherson, Kan.
Edgecomb, Minnie.....	McPherson, Kan.

Entriiken, Grace.....	McPherson, Kan.
Eshelman, Byron.....	McPherson, Kan.
Frantz, Russell.....	McPherson, Kan.
Flessa, Ralph.....	Gypsum, Kan.
Hawkins, Clarence.....	Helena, Okla.
Hope, Marie.....	Adrian, Mo.
Hutchison, Haven.....	Thomas, Okla.
Ikenberry, Mrs. C. L.....	McPherson, Kan.
John, Bernice.....	Springdale, Ark.
Johnson, Glenn.....	McPherson, Kan.
Jones, Darrell.....	McPherson, Kan.
Kaufman, Martha.....	McPherson, Kan.
Kurtz, Royce.....	McPherson, Kan.
Lehman, John.....	Carlton, Kan.
Lengel, Ida.....	Burlington, Colo.
Lundeen, Bertha.....	McPherson, Kan.
McPherson, Mary.....	McPherson, Kan.
Miller, Mary.....	Blackwell, Okla.
Muse, Marguerite.....	McPherson, Kan.
Mudra, William.....	Cicero, Ill.
Schrag, Alvin.....	Moundridge, Kan.
Sharp, Margaret.....	McPherson, Kan.
Sorensen, Matilda.....	Cambridge, Neb.
Spurgeon, Beulah.....	Adel, Iowa
Spurgeon, Blanche.....	Adel, Iowa
Robinson, Mrs. George.....	Galva, Kan.
Teeter, Grace.....	Conway, Kan.
Ullom, Ruth.....	Lamar, Colo.
Vanman, Victor.....	Cordell, Okla.
Wray, Eunice.....	Pomona, Kan.

AGRICULTURE STUDENTS

Amos, Jennie.....	McClave, Colo.
Betts, Gilbert.....	Nampa, Ida.
Betts, Vilas.....	Nampa, Ida.
Boone, Frank.....	McPherson, Kan.
Brammell, Everett.....	Ozawkie, Kan.
Brand, Russell.....	McPherson, Kan.
Brown, Howard.....	Valley Falls, Kan.
Brubaker, David.....	Conway Springs, Kan.
Brubaker, Elmer.....	McPherson, Kan.
Brubaker, Everett.....	Wichita, Kan.
Brunk, Elmer.....	McPherson, Kan.
Correll, Harold.....	Abilene, Kan.
Crumpacker, Sanger.....	McPherson, Kan.
Curtis, Myrrel.....	McPherson, Kan.
Daggett, John W.....	Osborne, Kan.
Dawson, Hollis.....	Hutchinson, Kan.
Dawson, Inez.....	Hutchinson, Kan.
Dell, Carl.....	Beatrice, Neb.
Dell, Milton.....	Beatrice, Neb.
Evans, Franklin.....	Kearney, Neb.
Flessa, Ralph.....	Gypsum, Kan.
Fox, Lee E.....	Larned, Kan.

Garman, Dale	Cambridge, Neb.
Garvey, Jeas H.	Leeton, Mo.
Gelman, A. I.	Larned, Kan.
Gelman, N. B.	Larned, Kan.
Hawley, Lloyd	McPherson, Kan.
Hawkins, Clarence	Helena, Okla.
Hawkins, Henry	Helena, Okla.
Hays, Cecil	Manzinola, Colo.
Hodges, George	McPherson, Kan.
Howell, Price	Cordell, Okla.
Ihrig, Porter	Fairfield, Mo.
Jones, Roland	McPherson, Kan.
Kurtz, Harold	Glendale, Ariz.
Lehman, Harvey	Carlton, Kan.
Lehman, Harry	Carlton, Kan.
Lehman, Ralph	Carlton, Kan.
Lengel, John	Burlington, Colo.
McGonigle, Elmer	Nickerson, Kan.
Marchand, Earl	Thomas, Okla.
Martin, Clifford	Wiley, Colo.
Miller, M. L.	Blackwell, Okla.
Miller, Silas	McPherson, Kan.
Merkey, David	Cloud Chief, Okla.
Mohler, John L.	Leeton, Mo.
Neher, Mark E.	Leeton, Mo.
Neher, Roy H.	McCune, Kan.
Neher, Simon	Wenatchee, Wash.
Okerlund, Oliver	Galva, Kan.
Parry, Rawland	Larned, Kan.
Price, John	LaVerne, Calif.
Rump, August	Inman, Kan.
Rodes, Arno	Clovis, N. M.
Saylor, Galen	Carleton, Neb.
Schroeder, Victor	Canton, Kan.
Shirky, Robert	Norborne, Mo.
Showalter, Clarence	McPherson, Kan.
Spicer, Charles	Abilene, Kan.
Spicer, John	Abilene, Kan.
Slifer, Edith	Hagerstown, Md.
Slifer, J. Fahrney	Nickerson, Kan.
Strickler, Harold	El Centro, Calif.
Strohm, Ralph	Redfield, Kan.
Trapp, Oliver	Wichita, Kan.
Ullom, Ruth	Lamar, Colo.
Ullom, Victor	Lamar, Colo.
Vaniman, Ray	Cordell, Okla.
Vaniman, Victor	Cordell, Okla.
Van Pelt, Edward B.	Richmond, Mo.
Voth, Jacob	Buhler, Kan.
Wnas, B. F.	Fredonia, Kan.
Wampler, Herkie	McPherson, Kan.
Weybright, Cleo	Cambridge, Neb.
Wine, Emery C.	Woodside, Dela.
Yoder, Jacob	Carleton, Neb.

VOICE.

Beam, Harold.....	Holmesville, Neb.
Bowman, Louis.....	Quinter, Kan.
Eowers, Harry.....	Salina, Kan.
Bowman, Laura.....	Hardin, Mo.
Erammell, Ira.....	Ozawkie, Kan.
Erammell, Iva.....	Ozawkie, Kan.
Erammell, Roy.....	Ozawkie, Kan.
Brubaker, David.....	Conway Springs, Kan.
Burkholder, Theodor.....	McPherson, Kan.
Carver, Toy.....	Canadian, Texas
Crist, Lee.....	Skidmore, Mo.
Crumpacker, Lillie.....	McPherson, Kan.
Crumpacker, Sanger.....	McPherson, Kan.
Cullen, Marie.....	McPherson, Kan.
Curtis, Myri.....	McPherson, Kan.
Daggett, John W.....	Osborne, Kan.
Dell, Carl.....	Beatrice, Neb.
Edgcomb, Minnie.....	McPherson, Kan.
Ellenberger, Emmett.....	Wiley, Colo.
Eler, Jay.....	Arriba, Colo.
Engle, J. Howard.....	Abilene, Kan.
Feldt, Rubens.....	McPherson, Kan.
Gilbert, Harry.....	Canton, Kan.
Quagey, Lucile.....	Fruita, Colo.
Hayes, Cecil.....	Manzanola, Colo.
Hiebert, J. W.....	McPherson, Kan.
Hiebert, Theodore.....	McPherson, Kan.
Himes, Ralph.....	Hope, Kan.
Hope, Marie.....	Adrian, Mo.
Ikenberry, Christian.....	McPherson, Kan.
Ikenberry, Mrs. Christian.....	McPherson, Kan.
John, Bernice.....	Springdale, Ark.
John, Rockla.....	Springdale, Ark.
Kaufman, Martha.....	McPherson, Kan.
Kinzie, Lila.....	Nickerson, Kan.
Larson, Elmer.....	McPherson, Kan.
Loshbaugh, Ralph.....	Hollow, Okla.
Loshbaugh, Mrs. Ralph.....	Hollow, Okla.
Lockett, Mrs. W. T.....	McClave, Colo.
Lyons, Evelyn.....	McPherson, Kan.
Martin, Rodney.....	Wiley, Colo.
Martin, Scott.....	Wiley, Colo.
McKinney, Rose.....	McPherson, Kan.
Naylor, Mrs. Lewis.....	Portis, Kan.
Naber, Roy.....	McCune, Kan.
Naber, Saylor J.....	McPherson, Kan.
Patr, Paul.....	Beatrice, Neb.
Rodes, Arbo.....	Clovis, N. M.
Schrag, Alvina.....	Moundridge, Kan.
Shirky, Robert.....	Hardin, Mo.
Slabaugh, Adria.....	Conway, Kan.
Slifer, Fabrney.....	Nickerson, Kan.

Smith, Norma.....	Minneola, Kan.
Spurgeon, Beulah.....	Adel, Iowa
Spurgeon, Blanche.....	Adel, Iowa
Turcotte, Thelma.....	Pampa, Texas
Unruh, Abraham.....	Lehigh, Kan.
Urey, Martha.....	Seattle, Wash.
Wagoner, Carrie.....	Burr Oak, Kan.
Weddle, Mr.....	Galva, Kan.
Weddle, Miss.....	Galva, Kan.
Whitmer, Ethel.....	Zenda, Kan.
Wiegand, Florence.....	Inman, Kan.

VIOLIN.

Aurell, Herbert.....	McPherson, Kan.
Brubaker, Warnie.....	McPherson, Kan.
Bowers, Harry.....	Salina, Kan.
Caldwell, Eleanor.....	McPherson, Kan.
Craik, Warren.....	McPherson, Kan.
Draegart, Carl.....	Thornburg, Iowa
Deeter, J. W.....	McPherson, Kan.
Deeter, Wendell.....	McPherson, Kan.
Ebel, Oliver.....	McPherson, Kan.
Gleckler, Bryce.....	McPherson, Kan.
Hastriter, Iva.....	McPherson, Kan.
Hawkins, Henry.....	Helena, Okla.
Hawley, Alverta.....	McPherson, Kan.
Linnel, Arthur.....	McPherson, Kan.
Mikow, Louis.....	McPherson, Kan.
Martin, Loyd.....	McPherson, Kan.
Martin, Ralph.....	Wiley, Colo.
Martin, Scott.....	Wiley, Colo.
Meyer, Helen.....	McPherson, Kan.
McColloch, Vina.....	McPherson, Kan.
McCoy, Claude.....	McPherson, Kan.
Probasco, Lola.....	McPherson, Kan.
Robinson, Leora.....	Garden City, Kan.
Schroeder, Victor.....	Canton, Kan.
Studebaker, Lloyd.....	McPherson, Kan.
Thacker, Irene.....	McPherson, Kan.
Walton, Paul.....	McPherson, Kan.
Webb, Glenn.....	McPherson, Kan.
Yoder, Jacob.....	Carleton, Neb.

TYPEWRITING STUDENTS.

Andrea, Kathryn.....	McPherson, Kansas
Blickenstaff, Carl.....	Quinter, Kansas
Brand, Russell.....	McPherson, Kansas
Brammell, Everett.....	Ozawkie, Kansas
Crumpacker, Clyde.....	McPherson, Kansas
Crumpacker, Laura.....	McPherson, Kansas
Carlson, Lola.....	Gypsum, Kansas
Carley, Dalsy.....	Wiley, Colorado
Dell, Milton.....	Beatrice, Nebraska
Fleming, Avery.....	McPherson, Kansas

Fleming, Mabel	McPherson, Kansas
Funderburg, Edna	Morrill, Kansas
Fox, Lee	Larned, Kansas
Hanson, Mildred	McPherson, Kansas
Himes, Ralph	Hope, Kansas
Hayes, Cecil	Manzanola, Colorado
Johnson, Carl	McPherson, Kansas
Johnson, Irene	McPherson, Kansas
Johnson, Esther	McPherson, Kansas
Johnson, Elroy	Lindsborg, Kansas
Johnson, Edna	Elyria, Kansas
Kasey, Lillian	McPherson, Kansas
Kilmer, Ruth	McPherson, Kansas
Lengel, Anna	Burlington, Colorado
Long, H. C.	McPherson, Kansas
Lowry, William	McPherson, Kansas
Luckett, Bessie	Yampa, Colorado
Mowbray, Luke	McPherson, Kansas
Martin, Scott	Wiley, Colorado
Neher, Simon	Wenatchee, Washington
Ostlund, Emmett	McPherson, Kansas
Parr, Norvin	McPherson, Kansas
Peterson, Byron	McPherson, Kansas
Peterson, Earl	McPherson, Kansas
Quinn, Arthur	McPherson, Kansas
Rhodes, Floye	McPherson, Kansas
Schroeder, Victor	Canton, Kansas
Schroeder, Ernest	Canton, Kansas
Ullom, Ruth	Lamar, Colorado
Weybright, Cleo	Cambridge, Nebraska
Wampler, Herkie	McPherson, Kansas
Winters, Leah	Lehigh, Kansas
Zook, Golda	Kansas City, Kansas

SHORTHAND STUDENTS.

Andrew, Kathryn	McPherson, Kansas
Beaver, Nina	Kismet, Kansas
Carley, Daisy	Wiley, Colorado
Carver, Toy	Canadian, Texas
Hanson, Mildred	McPherson, Kansas
Johnson, Esther	McPherson, Kansas
Kasey, Lillian	McPherson, Kansas
Lengel, Anna	Burlington, Kansas
Moyer, Dora	Wiley, Colorado
Olsen, Alice	Navarre, Kansas
Peterson, Byron	McPherson, Kansas
Winters, Leah	Lehigh, Kansas

ART STUDENTS.

Bowman, Ida	Quinter, Kan.
Beckner, Ada E.	Overbrook, Kan.
Brammell, Iva	Ozawkie, Kan.
Brubaker, Mrs. W. E.	McPherson, Kan.
Brubaker, Gilbert	McPherson, Kan.

Carter, Jessie	Lyons, Kan.
Dickens, Olivia	Haverhill, Mass.
Ebbert, Golda	McPherson, Kan.
Eshelman, Mrs. C. A.	McPherson, Kan.
Fleming, Mabel	McPherson, Kan.
Fasnacht, Naomi	Wiley, Colo.
Frantz, Bertha A.	Conway Springs, Kan.
Frantz, Mrs. Earl M.	McPherson, Kan.
Frantz, Mrs. H. A.	McPherson, Kan.
Gilbert, Harry	Los Angeles, Calif.
Gnagey, Lucile	Fruita, Colo.
Hutchison, Haven	Thomas, Okla.
Hoover, Mrs. D. H.	McPherson, Kan.
Ikenberry, Mrs. Julia	Quinter, Kan.
Ihrig, Mrs. E. S.	McPherson, Kan.
King, Mayme	Larned, Kan.
Lockett, Mrs. W. T.	McPherson, Kan.
Lehman, John	Carlton, Kan.
Myers, Anna	McPherson, Kan.
Merkey, Maude	Portis, Kan.
Miller, Mary	Blackwell, Okla.
Miller, Ruth	Blackwell, Okla.
Miller, Mrs. M. L.	Blackwell, Okla.
Miller, Dorothy	Galva, Kan.
Mobler, Helen	Quinter, Kan.
Naylor, Mrs. Lewis	Portis, Kan.
Naylor, Gladys	Portis, Kan.
Okerlund, Mabel	Galva, Kan.
Pitzer, Marie	Cordell, Okla.
Rhodes, Floye	McPherson, Kan.
Spurgeon, Beulah	Adel, Iowa
Spurgeon, Blanche	Adel, Iowa
Smith, Norma	Minneola, Kan.
Slifer, Edith	Hagerstown, Md.
Stump, Nora	Wawaka, Texas
Swoveland, Ida	Burr Oak, Kan.
Turcotte, Rose	Pampa, Texas
Turcotte, Thelma	Pampa, Texas
Tharrington, Bruce	McPherson, Kan.
Vaniman, Anita	Cordell, Okla.
Wiegand, Florence	Inman, Kan.
Watkins, Edith	Mont Ida, Kan.

APPRECIATION OF MUSIC.

Almen, Eunice	McPherson, Kan.
Anderson, Adolyu	McPherson, Kan.
Beam, Harold	Holmesville, Neb.
Betts, Gilbert	Nampa, Ida.
Boone, Olive	McPherson, Kan.
Bowers, Harry	Salina, Kan.
Crist, Lee	Skidmore, Mo.
Eshelman, Sumner	McPherson, Kan.
Frantz, Bertha A.	Conway Springs, Kan.
Hawley, Irene	McPherson, Kan.

Hope, Marie.....	Adrian, Mo.
John, Bernice.....	Springdale, Ark.
Martin, Cecile.....	McPherson, Kan.
Miller, Gertrude.....	Elizabethtown, Pa.
Mohler, Marguerite.....	Plattsburg, Mo.
Mugler, Minnie.....	McPherson, Kan.
Pafr, Paul.....	Beatrice, Neb.
Rupp, Clyde.....	Flowella, Texas
Saylor, Galen.....	Carleton, Neb.
Smith, Norma.....	Minneola, Kan.
Spurgeon, Beulah.....	Adel, Iowa
Spurgeon, Blanche.....	Adel, Iowa
Stump, Nora.....	Wawaka, Texas
Strickler, Dale.....	Ramona, Kan.
Vogt, Hazel.....	Versailles, Mo.
Wiegand, Florence.....	Inman, Kan.
Wine, Emery C.....	Woodside, Dela.
Whitmer, Ethel.....	Zenda, Kan.

HARMONY.

Bowers, Harry.....	Salina, Kan.
Frantz, Ruth.....	Conway Springs, Kan.
Freeburg, Inez.....	McPherson, Kan.
Garst, Helen.....	Watson, Mo.
Harnly, Nellie.....	McPherson, Kan.
Lingle, Anna.....	McPherson, Kan.
Martin, Rodney.....	Wiley, Colo.
Meyer, Helen.....	McPherson, Kan.
Stump, Nora.....	Wawaka, Texas

COUNTERPOINT.

Hill, Lola M.....	McPherson, Kan.
Mugler, Minnie.....	McPherson, Kan.

HISTORY OF MUSIC.

Adamson, Gladys.....	McPherson, Kan.
Anderson, Adelyn.....	McPherson, Kan.
Crist, Lee.....	Skidmore, Mo.
Curtis, Iva.....	McPherson, Kan.
Frantz, Ruth.....	Conway Springs, Kan.
Harnly, Betty.....	Chicago, Ill.
Hawley, Irene.....	McPherson, Kan.
Heaston, Inez.....	McPherson, Kan.
Sager, DeWitt.....	McPherson, Kan.
Smith, Norma.....	Minneola, Kan.
Vaniman, Rowena.....	McPherson, Kan.

COMMERCIAL STUDENTS

Amos, Jennie.....	McClave, Colorado
Anderson, Walter.....	McPherson, Kansas
*Beaver, Dora.....	
Beaver, Nina.....	Kismet, Kansas
Blickenstaff, Carl.....	Quinter, Kansas

*Deceased.

Carley, Daisy.....	Wiley, Colorado
Correll, Frank.....	Abilene, Kansas
Crumpacker, Clyde.....	McPherson, Kansas
Crumpacker, Laura.....	McPherson, Kansas
Dirks, Benjamin.....	Buhler, Kansas
Freeburg, Carl.....	McPherson, Kansas
Funderburg, Edna.....	Morill, Kansas
Garman, Dale.....	Cambridge, Nebraska
Hanson, Mildred.....	McPherson, Kansas
Hill, Ethel.....	Nickerson, Kansas
Hoover, Ralph.....	Rocky Ford, Colorado
Howell, Price.....	Cloud Chief, Oklahoma
Hupp, Elizabeth.....	Newton, Kansas
Johnson, Esther.....	McPherson, Kansas
Johnson, Elroy.....	Lindsborg, Kansas
Lowry, William.....	McPherson, Kansas
Lyons, Evelyn.....	McPherson, Kansas
McGonigle, Elmer.....	Nickerson, Kansas
Moors, Esther.....	McPherson, Kansas
Mikow, Louis.....	Elyria, Kansas
Neher, Simon.....	Wenatchee, Washington
Overholt, C. E.....	McPherson, Kansas
Ostlind, Emmett.....	McPherson, Kansas
Parr, Norvin.....	McPherson, Kansas
Park, Irlene.....	McPherson, Kansas
Peterson, Earl.....	McPherson, Kansas
Rhodes, Floye.....	McPherson, Kansas
Rodes, Arno.....	Clovis, New Mexico
Schroeder, Victor.....	Canton, Kansas
Schroeder, Ernest.....	Canton, Kansas
Schnelder, Carl.....	Liberal, Kansas
Shelley, Reuben.....	McPherson, Kansas
Slabach, Ina.....	Conway, Kansas
Teeter, Grace.....	Conway, Kansas
Unruh, John.....	Goessel, Kansas
Ullom, Victor.....	Lamar, Colorado
VanNess, Vera.....	McPherson, Kansas
Voth, Walter.....	Moundridge, Kansas
Watkins, Ruth.....	Mont Ida, Kansas
Witmore, Gertrude.....	McPherson, Kansas
Wiegand, Florence.....	Inman, Kansas
Winters, Leah.....	Lehigh, Kansas

SUMMER SCHOOL, 1920.

Abel, Gertrude.....	McPherson, Kan.
Berkley, Lela.....	McPherson, Kan.
Blondfield, Lola.....	McPherson, Kan.
Bogges, Calvin.....	Larwell, Ind.
Bradbury, Marie.....	McPherson, Kan.
Brand, Mrs. Anna.....	McPherson, Kan.
Brown, Bertha A.....	McPherson, Kan.
Brubaker, Grace.....	McPherson, Kan.
Cartwright, Regilla.....	McPherson, Kan.
Crone, Esther.....	McPherson, Kan.

Durst, Cecil	Moundridge, Kan.
Edgecomb, Anna	McPherson, Kan.
Elbert, Maude	McPherson, Kan.
Enns, Frank	Inman, Kan.
Enriken, Grace	McPherson, Kan.
Fike, Grace	Ramona, Kan.
Fike, Minnie	McPherson, Kan.
Foer, Sarah	Ramona, Kan.
Goering, Adina	Moundridge, Kan.
Goering, Emma	Moundridge, Kan.
Goering, Joseph	Moundridge, Kan.
Hall, Mae	McPherson, Kan.
Hamilton, Paul	McPherson, Kan.
Hamilton, Mrs. Paul L.	McPherson, Kan.
Hantriter, Lewis	McPherson, Kan.
Heckman, Letha	McPherson, Kan.
Helstrom, Beulah	McPherson, Kan.
Henkle, Floyd	McPherson, Kan.
Hill, Gordon	McPherson, Kan.
Holcomb, Don	McPherson, Kan.
Hook, Edythe B.	Moundridge, Kan.
Howard, Edna	Holmesville, Neb.
Howell, Fred	Sterling, Kan.
Jensen, Mary	McPherson, Kan.
John, Ruth	McPherson, Kan.
Johnson, Irene	McPherson, Kan.
Jones, Julia	McPherson, Kan.
Jones, Russell	McPherson, Kan.
Kaufman, Bertha	Galva, Kan.
Kaufman, John E.	Moundridge, Kan.
Kittell, Jessie	McPherson, Kan.
Logbeck, Grace	McPherson, Kan.
McBride, Helen	McPherson, Kan.
McElvain, Katherine	McPherson, Kan.
McVicker, Edith	McPherson, Kan.
Messer, Lucile	McPherson, Kan.
Meyer, Dorothy	McPherson, Kan.
Meyer, Marguerite	McPherson, Kan.
Morris, Mrs. C. S.	McPherson, Kan.
Mugler, Minnie	McPherson, Kan.
Nielson, Peter	McPherson, Kan.
O'Hara, W. J.	McPherson, Kan.
Okerlund, Mabel	Galva, Kan.
Peterson, Clara	McPherson, Kan.
Proffitt, Saloma	Hardin, Mo.
Reiff, Hilda	McPherson, Kan.
Rhodes, Floye	McPherson, Kan.
Sandberg, Rosina	McPherson, Kan.
Sjoholm, Ruby	McPherson, Kan.
Smith, Edna	McPherson, Kan.
Smith, Maude	McPherson, Kan.
Sondergard, Welcome	Ramona, Kan.
Studebaker, Iva	McPherson, Kan.
Stutzman, Milo	McPherson, Kan.

Thomas, Lillian	McPherson, Kan.
Thompson, Rilla	McPherson, Kan.
Toeys, Helen	McPherson, Kan.
Toeys, Phyllis	McPherson, Kan.
Tousley, Emma	Scottsville, Mich.
Upshaw, Mary	McPherson, Kan.
Urey, Martha	Seattle, Wash.
Williams, Bruce	Plattsburg, Mo.
Wilson, Opal	Canton, Kan.

SPECIAL STUDENTS.

Blickenstaff, Carl	Quinter, Kansas
Fries, Mary	Shady Grove, Pennsylvania
Garvey, Mrs. J. H.	McPherson, Kansas
Hockman, D. H.	McPherson, Kansas
Howard, Olive	Holmesville, Nebraska
Long, Mrs. H. C.	McPherson, Kansas
Long, H. C.	McPherson, Kansas
Lingle, Anna	McPherson, Kansas
McKinney, Rose	McPherson, Kansas
Mowbray, Luke	McPherson, Kansas
Michael, H. D.	McPherson, Kansas
Nielson, Peter	McPherson, Kansas
Naylor, Mrs. Lewis	Portis, Kansas
Stump, Nora	Wawaka, Texas
Teter, Mary	McPherson, Kansas

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