

BULLETIN OF
McPherson College
CATALOGUE
NUMBER

*Published by McPherson College
McPherson, Kansas
May, 1917.*



VIEW OF FOUR OF THE BUILDINGS OF McPHERSON COLLEGE.

SERIES VI

MAY 1917.

NUMBER 2.

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OF
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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

1917

Summer Session—

May 28—Monday, Summer Session begins.

July 7—Saturday, Summer Session ends.

Sept. 10, 11—Monday and Tuesday, Registration.

Sept. 12—Wednesday, First quarter begins; Opening address.

Nov. 13—Tuesday, Second quarter begins.

Nov. 22—Thanksgiving Day.

Dec. 21 to Jan. 1—Christmas Vacation.

1918

Jan. 20 to 27 Bible Institute.

Jan. 21, 22—Monday and Tuesday, Registration for second semester.

Jan. 23—Third quarter begins.

Mar. 23—Fourth quarter begins.

May 17—Friday Evening, Piano Recital.

May 18—Saturday Evening, President's Reception to the Seniors.

May 19—Sunday Evening, Baccalaureate Sermon.

May 20, 21—Monday and Tuesday, Final Examinations.

May 20—Monday Evening, Vocal Music Recital.

May 21—Tuesday Evening, Expression Recital.

May 22—Wednesday, Field Day.

May 23—Thursday, Class Day.

May 23—Thursday Evening, Alumni Re-union.

May 24—Friday Morning, Commencement.

BRETHREN EDUCATIONAL BOARD

- D. W. Kurtz, President McPherson, Kan.
 D. M. Garver, Vice President Trotwood, Ohio
 J. H. B. Williams, Secretary-Treasurer Elgin, Ill
 John S. Flory Bridgewater, Va.
 D. C. Reber Elizabethtown, Pa.

BOARD OF TRUSTEES

S. W. Kansas and S. E. Colorado:—

- Eld. J. J. Yoder, President, McPherson.
 F. P. Detter, McPherson.
 Dr. H. J. Harnly, Secretary, McPherson.
 J. N. Drescher, McPherson.
 J. A. Flory, McPherson.
 E. Martin, Groom, Kan.

N. E. Kansas, F. E. McCune, 1200 New York St.,
 Lawrence, Kan.

S. E. Kansas, Gideon E. Shirky, Madison, Kan.

N. W. Kansas, Eld. Geo. W. Burgin, 1500 S. Pearl St.,
 Denver, Colo.

Northern Mo., Eld. E. G. Rodabaugh, Stet, Mo.

Middle Mo., Eld. Jas. M. Mohler, Leeton.

Southern Mo., C. W. Gitt, Cabool, Mo.

Nebraska, U. C. Miller, Carleton, Neb.

Oklahoma, W. P. Bosserman, Tangier, Okla.

W. Colo. and Utah, S. Z. Sharp, Fruita, Colo.

EXECUTIVE COMMITTEE OF THE BOARD

- Eld. J. J. Yoder President
 F. P. Detter Vice-President
 Dr. H. J. Harnly Secretary
 J. N. Drescher J. A. Flory

FACULTY FOR 1917-'18.

DANIEL WEBSTER KURTZ

A. B., 1906, (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 and Education, 1914.*

HENRY JACOB HARNLY

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 Biology, 1911; 1892.

ARTHUR JEROME CULLER

A. B., 1908, (Juniata College); B. D., 1911, (Union Theological Seminary); Ph. D., 1912, (Columbia University); pastor Geiger Memorial Church, Philadelphia, 1911-1914. Pastor and Professor of Theology and English, 1914.

ELDER JOSEPH J. YODER

A. B., 1913, (McPherson College).
Professor of the Bible and Social Science.
Dean of Bible School, 1910.
Business Manager of the College.

AMANDA FAHNESTOCK

B. S. L., 1903, (McPherson College); A. B., 1916, (McPherson College); B. D., 1917, (McPherson College).
Instructor in Bible.

ELMER LEROY CRAIK,

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

JOUETTE CLARK RUSSEL

B. Sc., 1911, (McPherson College); Graduate student University of Chicago, University of Nebraska, University of Minnesota, A. M., 1916, (University Minnesota).
Professor of Chemistry, 1915; 1911.

*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.

EVELYN MAE TROSTLE

A. B., 1912, (McPherson College); A. M., 1915, (University of Kansas). Graduate student in University of Chicago, summer of 1913 and 1916.

Professor of English and Latin, 1916, 1912.

ROBERT ELLSWORTH MOHLER

B. S. D., 1907, (McPherson College); A. B., 1913, (Mt. Morris College); Michigan Agricultural College, 1913; Kansas State Agricultural College, M. S., 1916.

Professor of Agriculture, 1913.

ELDER ELLIS M. STUDEBAKER

Three years in Bethany Bible School; A. B., 1915, (McPherson College).

Professor of Greek and Bible and Director of Religious Extension.

AMMON SWOPE

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 Education, 1916.

CHARLES S. MORRIS

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, Chicago University, summer 1916; Professor of Mathematics and Physics, Mount Morris College, 1915-1917.

Professor of Mathematics and Physics, 1917.

WILLIAM O. BECKNER,

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

Field Secretary, 1915.

JOHN ALVIN BLAIR

(On leave of absence for graduate study)

Superintendent of Commercial School, 1911.

J. HOWARD FRIES

(Graduate Cambrian Business College, Johnstown, Pa., 1913. Completed Course in Business Writing Zanerian in 1914, summer of 1916 student in New York University.) Taught in South Fork High School, Pa., 1913-18, Worcester, (Mass.) Business Institute, 1913-1915, principal Commercial Department, Elizabethtown College, 1915-'18 Superintendent of Commercial School, 1916

MINNIE WALTERS

B. S., 1910, (Oklahoma A. and M. College). Instructor in Domestic Science and Art, 1914.

ANNE O. McVEY

Graduate College of Oratory, 1914, (University of Southern California). Instructor in Expression, 1915.

CHARLES LUTHER ROWLAND

Blue Ridge College; Roanoke School of Music; Virginia Music Normal; Peabody Conservatory; Marks Conservatory; Special Work in Voice (Italian Method) under George Castelle (Baltimore). Private student of Robert G. Weigester of New York City, summer of 1915. Director of Vocal Music, 1913.

JESSIE BROWN

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.

(TO BE SUPPLIED.)

Professor of German and French.

DAISY P. RIDER

Three years student in the Philadelphia School of Design; Taught in Eaton College; gave a summer course to public school teachers, and for several years did the Art Work in Mr. Nutting's Gallery at Framingham, Mass.; will spend the summer in Pennsylvania State College. Director of the School of Art, 1910.

JOSEPH BRAGERS,

Graduate of the Royal Brussels Conservatory. Has taught in Brussels, Belgium, also in Chicago. Instructor in Violin.

OLIVER H. AUSTIN, A. B.

Evangelist.

H. M. BRUBAKER, A. B.

Evangelist.

EDITH McGAFFEY,

Assistant in Academy Latin

GRACE GREENWOOD,

Monitor in English.

PAUL E. DANNELLY,

Laboratory Assistant in Chemistry.

LESTER KIMMEL,

Assistant in Academy English.

LEVI STUMP, A. B.,

1917. (McPherson College); Academy Normal Assistant.

CARL REXROAD,

Assistant in Academy English

DE WITTE BRUBAKER,

Laboratory Assistant in Academy Botany and Zoology.

CURTIS BOWMAN

Laboratory Assistant in Physiology

MARGARET MUSE,

Assistant in Expression and Physical Culture.

ADRA BOONE,

Sub Academic Subjects.

LULU PEARL ULLOM,

B. S. D., 1910; A. B., 1917. (McPherson College.)
Librarian 1918.

JULIA GARST,

Assistant Librarian.

FLOYD MISHLER,

Physical Training.

LORA TROSTLE

Matron, 1915.

COMMITTEES OF THE FACULTY

Administration—Kurtz, Harnly, Yoder.

Classification—Harnly, Studebaker, Trostle.

Library—Kurtz, Culler, Yoder.

Athletics—Mohler, Trostle, Fries.

Advertising—Harnly, Beckner, Craik.

Social—McVey, Rowland, Walters.

Lecture Course—Culler, Fahnestock, Swope.

Discipline—Harnly, Yoder, Culler, the Matron.

Literary Societies—Studebaker, Swope, Morris.

Student Council—Studebaker, Russel.

Registrar—Trostle.

Curriculum—Harnly, Trostle, Studebaker.

The President 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 about fifty miles distant, both east and west. The Union Pacific and Missouri Pacific roads also have branches here.

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.

The city has paved East Euclid street 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 Stuebaker, Business Manager.

September 5, 1888, school was opened in the dormitory building 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 main 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 of 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 Meetings.
- 1913—Departments of Agriculture and Domestic Science organized.

1915—New Heating Plant built.

1916—Arnold Hall built.

1917—Completion of \$225,000 endowment.

PRESIDENTS OF McPHERSON COLLEGE

S. Z. Sharp, A. M., 1888—1896.

C. E. Arnold, A. M., 1896—1902.

Edward Frantz, A. M., 1902—1910.

S. J. Miller, A. M., 1910—1911.

John A. Clement, Ph. D., 1911—1913.

H. J. Harnly, Ph. D., 1913—1914.

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, Nebraska, Northern Missouri, Middle Missouri, Southern Missouri, Oklahoma, and Western Colorado and Utah. The trustees, fifteen in number, are all 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.

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 education. 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 to humanity and for appreciation of the best things life affords, are ideas 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 each year 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, a choral union, and other uplifting agencies. It has no saloons, no joints, and no paupers. 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. The religious life of the students is safeguarded by the pastoral care of a man who has had large experience in church work. Dr. Culler, the pastor, is also a member of the faculty, and thus comes in close touch with student life.

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 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 are baths and lavatories in the building. In accordance 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.

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, one class room, one laundry, and a furnace room.

But few gymnasiums are to be found in this part of the country that are as large and well equipped.

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, being furnished with mission furniture, and the walls decorated with pictures donated by the King of Italy. Additional shelving has been put in, providing room for reference books for the various departments convenient to study tables. During the year over 500 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 indices 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 8:30 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 Agriculture 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 Agriculture 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 FARM

The College Farm, consisting of 150 acres, is located just south of the campus. It is one of the finest farms to be found in this part of the county; the location is ideal, and the surface is just sloping enough to drain. The College is at the present time attempting to secure funds for the stocking and equipping of the farm. About \$6,000 will be required to properly do this work.

"THE EXPERIMENT STATION."

Twenty-two acres on the north side of the College Farm are set aside by the trustees of the College for experimental purposes. The purpose of this station will be only in a small measure to repeat the work already done by the stations conducted by the state. The problems peculiar to this region will be studied, such as the use of fertilizers, crop rotation, etc. Crops that have been recommended by the State Experiment Station will be tried out and reports given in our regular bulletins.

THE RICHARDSON FARM

The Richardson farm, consisting of 160 acres, is located several miles east of the College. This farm is the gift of the late James H. Richardson. It was contributed to the College to develop the Agricultural Department. The combined valuation of the College farm and the Richardson Farm is about \$30,900.00.

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 is used for teaching the girls how to prepare the tables and how to properly serve the meals.

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.

MANUAL TRAINING

The manual training shops are located on the low-

er floor of Fahnestock 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.

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 rapid-acting 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

BIOLOGY

The material equipment consists of twenty-eight modern Bausch and Lomb microscopes, projection microscope, 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.

CHEMISTRY

The Chemistry department occupies commodious quarters in the main building. One of the two main laboratories is given over to the freshmen courses and the other to the advanced work. They are both well lighted and furnished with the usual conveniences and fixtures. The Blau Gas plant installed two years ago gives excellent service. The supply of apparatus and chemicals is good. The equipment for the advanced courses includes a Varsity electric oven, a muffle furnace, a nitrogen still, silica ware, Soxhlet extraction apparatus, the usual analytical balances, etc. Facilities for a limited amount of research, especially in soil chemistry, are provided in the instructors' private laboratory. The freshman laboratory

accommodates thirty-six students working at a time. The apparatus required in all courses is checked out at the beginning and is to be returned at the end in good condition. A laboratory fee covers the cost of chemicals, gas, and ordinary breakage.

GEOLOGY

The department possesses a complete set of crystal 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

The equipment for courses in physica were very substantially increased last year. All of the apparatus is at hand to give properly, courses in college and academy physics. Five 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 placed.

There are several first class stereopticons with microscopic projection, 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.

CONTESTS

McPherson College believes in the highest development of self-expression through oratory and debate. The college maintains debating relations with the College Departments of Bethel, Cooper, and Fairmount Colleges, and Friends University. Our Academy maintains debating relations with the Academy Departments of Bethel and Tabor Colleges.

The College is represented in the Inter-Collegiate Prohibition Association of Kansas and maintains yearly oratorical contests. The orations must deal with some phase or phases of the liquor problem. The prizes range from three to ten dollars, and the one who wins first prize represents the college in the state contest. Mr. J. W. Maxcy won first place in the school year 1917-18.

McPherson College is a member of the Old Line 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. For the school year 1917-18 Mr. Amos Boone won first place, and represented us in the state contest.

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 SOCIETIES

There are two rival societies in the College. These hold meetings each Saturday evening.

All students taking any course in the College or Academy shall be required to give at least four performances each year in one of the regularly established Literary Societies of the College on a public program. The societies will receive all students as members and place them on the public programs.

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 something like 700. 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 1916-1917 were: Mr. J. C. Russell, president; Mr. B. S. Trostle, vice president; Mrs. Lillian Way, treasurer; Mr. R. E. Mohler, 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.

All Academy students are required to take 4 semesters and all College freshmen 2 semesters of regular class work. This will not be required of first and second team men. Students may be excused from

this work upon written recommendation from parents or faculty.

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

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

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 athletic work for men is under the supervision of a Coach and Physical Director. The outdoor work consists of tennis, base 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 1917-1918.

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.

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.

Oliver H. Austin and his wife have traveled in

evangelistic work two years under the direction of this department and will continue their work during the school year 1917-1918.

H. M. Brubaker and his wife will spend their entire time in revival work under the direction of this department during the school year, 1917-1918.

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 Ellis M. Studebaker, McPherson, Kansas.

• THE DORMITORIES

The Dormitories are in charge of the matron who is employed by the Board of Trustees, and devotes her whole time to the welfare and comfort of the students. She is a constant friend and adviser 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 matron must be respected.

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

MISCELLANEOUS INFORMATION

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

ANNUAL CATALOGUE

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 use of tobacco in any form, or intoxicating liquors, card-playing and gambling are prohibited on the college campus.

No secret societies are tolerated.

Students should provide themselves with proper clothing. Members of the Church of the Brethren should dress in compliance with the rules of the church.

All students are expected to exercise self-control and to put themselves under 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 required 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.

Students, who wish to withdraw or drop courses, must, as a condition of withdrawal in good and honorable standing, notify the president of their intention, and in case of minors, such notice must be accompanied by the written approval of their parents or guardian.

One dollar must be paid for any change in courses after the end of the first week.

Students registering late will pay 50 cents extra.

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. 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 downtown so as to prevent loss.

Parents are urged to keep in touch with the school, and 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.

Students are registered at the beginning of each semester. Monday and Tuesday are used for enrollment. The first semester for 1916-1917 will begin September 11th.

FELLOWSHIPS AND SCHOLARSHIPS

Kansas University offers annually a fellowship valued at \$280 to one member of the Collegiate graduating class. 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 1917-1918 is held by Alice Vogt of Versailles, Mo.

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

INTER-SOCIETY PRIZES

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

1. **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.

2. **Irving-Iconoclast Debate Prize.**—To be granted to the winning team. Prof. Yoder, and Dr. Kurtz, jointly, offer the prize of \$7.50.

3. **Declamation Prize.**—Open to members of all the literary societies. First prize, five dollars, gift of Mrs. Fahnestock; second prize of three dollars, gift of Dr. Harnly.

4. **Ciceronian-Emersonian Debate Prize.**—To be granted to the winning team. Dr. Kurtz and Prof. Yoder, jointly, offer a prize of \$7.50.

5. **Essay Prize.**—Open to members of the Ciceronian and Emersonian literary societies. First prize, five dollars; second prize, three dollars, gift of Miss Evelyn Trostle.

The rules of contest for the above prizes are administered by the Student Council, and the Faculty Literary Society Committee. Two members from

each society are allowed in the finals of each of the above. No individual can receive more than one prize. The preliminaries are held early to give ample time for thorough preparation for the finals.

SCHOLARSHIPS

There are always some students who must have financial help if they are going to be able to continue their Education. It is hoped that generous hearted men and women will open the way through giving scholarships (\$60.00) for this purpose. During the past year eleven students were helped in this manner. Three were high school honor scholarships and the other eight were gifts from generous donors and special College grants. Some Sunday School classes help in this way and we hope many others will do so.

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 College further invites country school graduates to 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 to any one interested.

LOANS

Scholarships are usually granted to ministers or to students preparing for some special Church activity. There, are however, often very worthy students who deserve help but who can best be helped by a loan at very low interest and long time. There are students who desire help while in college, but expect

to follow some money-making pursuit after their education is finished. They would not accept a gift, and better that they should not.

A student loan fund has been started which is to be built up and perpetuated by voluntary donations from donors who desire to help young people in this way. This fund is cared for by a board appointed for this specific purpose. One can not invest money more nobly than in worthy young people.

OFFICIAL STUDY HOURS

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

REPORTS TO PARENTS AND GUARDIANS

Recognizing that it is only fair that patrons be informed respecting the progress of the young people whom they are sending us, the college makes a report each semester to the parents or guardians. The report contains the student's class grades and any other information that will promote a hearty cooperation between patrons and school.

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, per semester, including library and incidental fees	\$30.00
Tuition, per week	2.00
Typewriting, per semester, extra.....	8.00

Tuition in the above is for all courses except Music and Expression.

Special examination fee	1.00
Board, per week	3.00
Board, fuel, room rent, library fees, physical training, tuition and light (not including electric bulb), per semester	\$100.00 to 102.50
Board, fuel, light, room rent, library fees, physical training fee, tuition for the full year, paid in advance	\$195.00 and 200.00

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

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 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 due bill for the amount of tuition unused, provided satisfactory reasons are given for withdrawing. Such due bill is not transferable, except to members of the same family. In such cases, dormitory expenses will be figured at week rates and balance refunded.

When a due bill 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. Students will bring sheets, pillow-cases, pillows, napkins, blanket, comfort, rug, and other articles they wish, in order to make their room attractive.

LABORATORY FEES

All courses in Chemistry, other than those in Organic and Household Chemistry, each per semester.....	\$5.00
Courses in Organic Chemistry, each per semester	6.50
Household Chemistry.....	2.00
Academy Physics, per semester.....	2.00
College Physics, each course, per semester.....	3.00
Physiology, per semester.....	2.00
Biological Courses, per semester.....	2.50
Academy, Zoology and Botany, per semester....	1.00
General Science, per semester.....	.50

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, 2 units; maximum, 4 units.

Group IV.—History: Minimum, 1 unit; maximum, 4 units.

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: A maximum of 5 units. Agriculture, Commercial Branches, Stenography, Domestic Science, Domestic Art, Music, Drawing, Manual Training, Methods and Management, Psychology, Bible.

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 hours of class work, and two semesters of physical training.

GROUPS OF COURSES.

A description of the courses of study offered in the College is found under the heading, "Courses of Instruction." These courses are divided into groups as follows:

GROUP I.

Philosophy
Education
Psychology
Bible
 Social Science
 English
 Greek

GROUP II

English Literature
German
Greek
Latin
Music
 History
 Education

GROUP III.

History
Political Science
 Social Science
 Biological Science
 Education
 Philosophy
 Agriculture

GROUP IV.

Biology
Chemistry
 Social Science
 Mathematics and Physics
Agriculture
Domestic Science
 Manual Training
 Education
 Geology and Astronomy

REQUIRED SUBJECTS—(60 hours) BASIC GROUP

Freshman

Physiology, 8 hours
Chemistry, 6 hours

Rhetoric, 5 hours
Public Speaking, 3 hours
Mathematics, 5 hours

SOPHOMORE

History, 4 hours
Psychology, 4 hours

English, 6 hours

Junior

Sociology, 4 hours
Bible, 4 hours

Bionomics, 4 hours

Senior

Ethics, 4 hours

Theism, 4 hours

MAJOR COURSE.

Before graduation a student must complete the following:

1. One major of not less than twenty hours, nor more than thirty hours. This major must be chosen from one of the underscored subjects in the major groups.
2. Two minors of twelve hours each from the major group. The major group must be chosen by the beginning of the Junior year.
3. Six additional hours in the major group.

Students majoring in Groups I., II., or III. will, upon fulfilling the requirements for graduation, receive the degree of Bachelor of Arts. Students majoring in Group IV., will receive the degree of Bachelor of Science.

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.

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 completed the state requirements in the professional subjects, will receive a three-year renewable state teacher's certificate, provided the average grade in all undergraduate work is 85 per cent or above. This certificate is valid in any high school or elementary school of 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.

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 Education, 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 of the state. This certificate is renewable for three-year periods.

STANDARDS.

Students who enter without a foreign language must take three years of some one foreign language before receiving the A. B. Degree.

Fifteen hours per 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.

Any condition shall be removed by satisfactorily passing a special examination, held in the sixth week of the following semester. For this examination a fee of one dollar shall be charged, the amount going to the Library fund. Any conditions not so removed will be recorded as failure.

SCALE OF GRADING

I	95—100	III	75—80
I—	90—95	III—	70—75
II	85—90	IV	Conditional
II—	80—85	IV—	Failure

COURSES OF INSTRUCTION

BIOLOGY

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 collegiate 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, 4 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, 4 hours.**

3. **Botany.**—Morphology, Physiology, and Ecology of plants. Lectures, reference reading, and laboratory work. **First semester, 4 hours.**

4. **Botany.**—Continuation of Course 3. **Second semester, 4 hours.**

5. **Entomology.**—A text book, lecture, laboratory and field course, with special reference to agriculture and disease and the developmental theories. **First semester, 3 hours.**

6. **Ornithology.**—A Field Course, making a list of the local birds, their seasons, nesting habits, food, etc., and a collecting and preparing of skins. By appointment. **First semester, 4 hours.**

7. **Ornithology.**—Field Course. Continuation of Course 6. By appointment. **Second semester, 3 hours.**

8. **Physiological and Economic Aspects of the Liquor Problem.** Second and third quarters, 2 hours.

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

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

11. **Histology.**—Continuation of Course 10. Second semester, 3 hours.

12. **General Biology.**—A course planned to meet medical entrance requirements. First semester, 4 hours.

13. **General Biology.**—Continuation of Course 12. Second semester, 4 hours.

CHEMISTRY

PROFESSOR RUSSEL

MR. DANNELLEY

1. **Chemistry I, General Inorganic.**—This course is designed as a prerequisite to all the other courses in chemistry, and as a subject of general culture. Comprises a study of the metals and non-metals, based on McPherson and Henderson's First Course in Chemistry, or its equivalent. Recitation, three hours; laboratory, four hours per week. Required of freshmen. First semester, 5 hours.

2. **Chemistry II, Advanced Inorganic.**—Students who expect to major in science are advised to elect this course. It embraces a thorough study of the laws and modern theories of chemistry, and a comprehensive study of the general properties, tests

and reactions of the non-metallic elements. Industrial processes and uses of the substances met with are strongly emphasized. Based on Cady's Inorganic Chemistry. Recitation, three hours; laboratory, four hours per week. **Second semester, 5 hours.**

3. Qualitative Analysis.—This course is a very direct continuation of Chemistry II. The laboratory work consists in a study of the reactions of the common metallic and non-metallic radicals, and the systematic analysis of unknown solutions and solids. Bailey and Cady's Qualitative Analysis is used as a manual. The class work consists in a comprehensive study of the general properties, compounds, and reactions of the metals, and such industrial applications and processes as are met with. Based on Cady's Inorganic Chemistry, Chap XX et. seq. Recitation, 3 hours; laboratory, four hours per week. **First semester, 5 hours.**

4. Quantitative Analysis.—Chiefly a laboratory course in Gravimetric and Volumetric determinations. A minimum of sixteen typical analytical determinations required. Accuracy and speed insisted upon. Laboratory, ten hours per week. **Second semester, 3 or 5 hours.**

5. Advanced Quantitative Analysis, Agricultural Analysis.—Analytical chemistry applied to analysis of flour, fodders, fertilizers, soils, etc. U. S. Department Agriculture Bulletin 107, Bureau of Chem. used as basis of methods. Accuracy, and ability to do fast work required. Students majoring in agriculture may elect this course instead of Quantitative Analysis; In this case Lincoln and Walton's Agricultural Analysis is used as a Manual, and about six analytical determinations such as are given in the Quantitative Analysis are required as preliminary

to analysis of agricultural products. Laboratory, about twelve hours per week required to complete the work. **First semester, 5 hours.**

6 Organic Chemistry, Organic I.—A general study of the aliphatic and aromatic compounds, designed to meet the demands of those who wish to take their organic chemistry before entering the medical college. Recitation, three hours; laboratory, four hours per week. Given in alternate years. Given in 1917-1918. **First semester, 5 hours.**

7. Organic Chemistry, Organic II.—A comprehensive study of the aliphatic compounds and their preparation. Designed for seniors who plan for graduate study in chemistry. A thorough course which co-ordinates with a similar course in the aromatic compounds. Text, Perkin and Kipping's Organic Chemistry, Part I. Given in alternate years. Not given in 1917-1918. Lectures and recitations, three hours; laboratory four hours per week. Students who take credit in one of the two courses in Organic shall not be allowed credit in the other. **Second semester, 5 hours.**

8. Household Chemistry.—A course designed to accommodate those students who have finished Chemistry I and desire to pursue a course related directly to their household life. Includes a study of air, water, fuels, sewage, soap, cleaning, dyeing, textiles, and foods. Recitation, three and two hours per week; laboratory, two and four hours. **Second semester, 4 hours.**

EDUCATION

PROFESSOR SWOPE
DR. KURTZ

(General Psychology required for courses in Education. See Page 51.)

1. **History of Education.**—This is a study of the great educators in the history of civilization and their systems of education. Special emphasis is put upon the development of our modern educational systems and theories. The library is well equipped with original sources and with works on the subject. Reading from the writings of great educators will be required, such as Plato, Aristotle, Comenius, Pestalozzi, Froebel, Rousseau, etc. **First semester, 4 hours.**

2. **Philosophy and Psychology of Education.**—According to the plan of the State Board of Education both of these subjects constitute one course. The principles, values, and functions of education are treated in the former, and the learning process in the latter part of this course. Collateral reading will be required from the following authors: Bagley, Colvin, Horne, Ruediger, Holmes, O'Shea, Schoeffer, Thorndike, Spencer, Pyle, Butler, etc., as well as constant reference to the standard works on general Psychology. **First semester, 3 hours; second semester, 3 hours.**

3. **School Administration.**—The general subject of School Administration and Supervision includes a discussion of the problems of organization and administration found in the National, State, County, Township and District principals of teachers, work of school boards, business and financial administration of education, and the relation of boards, principals and teachers. The subjects of grading, promotion, and examination are considered. The School Laws of Kansas are studied. Books used are: Dutten and Snedden, Bagley, Chancellor, and others. **Second semester, 4 hours.**

4. **General Method in Education.**—This is an elective course offered for those who wish to major

in Education. It will be a Seminar course offered in alternate years, for one semester. Course offered 1916-1917. **First semester, 2 hours.**

5. Seminar in Sunday School Pedagogy.—A two-hour course for one semester will be offered to study the fundamental problems of the Sunday School with special reference to Child-study and the graded Bible. All ministers and Sunday School workers should take this course, and all teachers of public and high schools will find it most valuable. **Second semester, 2 hours.**

INDUSTRIAL EDUCATION.

1. Mechanical Drawing.—This course includes the use of drawing instruments, Lettering, Geometrical Drawing, Orthographic Projection, Isometrical Drawing, Intersection and Development, etc. **4 or 8 hours.**

2. Methods in Manual Training.—A course similar to 1. Reports on observational work will be required. The literature of the subject will be reviewed. Prerequisite, three hours of Education and Plane Geometry. **4 or 8 hours.**

ENGLISH LANGUAGE AND LITERATURE

MISS TROSTLE

DR. A. J. CULLER

MISS McVEY

7 and 8. 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. Two sections. **First semester, 3 hours; second semester, 2 hours.**

9. Advanced Composition.—Description and Narration will form the basis of themes, supplement-

ed by detailed analysis of literary masterpieces. Courses 7 and 8 prerequisite. **First semester, 3 hours.**

10. 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 supplement text-book work. Texts: Century Readings in English Literature, and Long's English Literature. Sophomore requirement. **3 hours.**

11. English Literature. — A continuation of Course 10. Required of Sophomores unless American Literature is chosen the second semester. **3 hours.**

12. 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. (Text: Long's American Literature.) Course 10 Prerequisite. Sophomore Elective. **Second semester, 3 hours.**

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. Junior and Senior elective. **First semester, 3 hours.**

14. Shakespeare.—This course is planned to give a general introduction to the study of Shakespeare. An acquaintance with the relation of Shakespeare to his age, with the various literary and social influences exerted upon him, and with Shakespearean criticism receives special emphasis in connection with the study and interpretation of the principal plays. **Both semesters, 3 hours.**

15. Contemporary Literature.—Chief attention

will be paid to the drama, with Dickinson's Chief Contemporary Dramatists as a basis. A brief survey of contemporary poetry in England and America will also be made. **Second semester, 3 hours.**

16. Nineteenth Century Poets.—A study of selections from the chief English Poets of the country with special attention to Wordsworth, Coleridge, Byron, Shelly, Keats. **3 hours.**

17. Public Speaking.—Phillip's "Effective Public Speaking," a text which deals with types of speeches, subject-matter, kinds of audiences, and purpose and message of the speech, is used. Daily practice in impromptu and extempore speech is given with the view that the student may acquire an easy, fluent, and effective manner of speaking. **First and second semesters, 2 hours.**

18. Oratory.—In this course especial attention is given to the study of orations, both formal and informal. It deals not only with delivery but with the composition, structure, style, logic, and thought of the speech. An oration is required to be given by each student. This oration may be used in the inter-collegiate contests. **First semester, 2 hours.**

19. Argumentation.—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. **Second semester, 2 hours.**

FRENCH

(TO BE SUPPLIED.)

1. Elementary French.—Frazer and Squair's Shorter Course. Practice in pronunciation and syntax. Dictation and composition. Easy reading, such as *Le Francais et sa Patrie*, and Super's reader. **First semester, 4 hours.**

2. **Elementary French.**—Continuation of Course 1. **Second semester, 4 hours.**

3. **French Prose Writers.**—Translation of some of the works of Sand, Anatole France, Souvestre, Hugo, and others. Composition. **First semester, 4 hours.**

4. **French Prose Writers.**—Continuation of Course 3. **Second semester, 4 hours.**

GEOLOGY

DOCTOR HARNLY

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 required. **First semester, 4 hours.**

GERMAN

(TO BE SUPPLIED.)

German 5.—Classics will be selected from the following: Wilhelm Tell, Doktor Luther, Ekkehard, Hermann und Dorothea, Die Journalisten. **First semester, 4 hours.**

German 6.—Classics will be selected from the following: Maria Stuart, Der Dreissigjahrige Krieg, Die Jungfrau von Orleans. **Second semester, 4 hours.**

German 7.—Schiller's Wallenstein. **First semester, 4 hours.**

German 8.—Selections from the following: Hebel, Agnes Bernauer, Helmholtz, Populare Vortrage, Kayser, Die Elektronentheorie, Lessing, Emilia, Ga-

lotti Dahn, Ein Kampf um Rom Arndt, Deutsche Patrioten. Deutsche Literaturgeschichte, (Wenckebach). Second semester, 4 hours.

GREEK

PROFESSOR STUDEBAKER

1. White's First Greek Book; Lessons I.-XL. First semester.
2. White's First Greek Book; Lessons XLI.-LXXX. Second semester. All who complete Greek I. and II. will receive 8 hours credit.
3. Xenophon, Anabasis, Books I. II. First semester, 4 hours.
4. Xenophon, Anabasis, Books III. and IX. Second semester, 4 hours.
5. Xenophon, Memorabilia. First semester, 4 hours. (Not offered in 1917-1918.)
6. Homer, Iliad. Second semester, 4 hours. (Not offered in 1917-1918.)
7. New Testament Greek. First semester 4 hours.
8. New Testament Greek. Second semester, 4 hours.

HISTORY AND POLITICAL SCIENCE

PROFESSOR CRAIK

1. **Greek and Roman History.**—Open to Freshmen and Sophomores. First semester, 4 hours. (Not offered 1917-1918.)
2. **Mediaeval History.**—Open to Freshman and Sophomores. First semester, 4 hours.
3. **Modern History.**—Open to Freshman and Sophomores. Second semester, 4 hours.
4. **English History.**—Open to Freshman and Sophomores. Second semester, 4 hours. (Not offered 1917-1918.)

5 **American History.**—Open to Juniors and Seniors. **First and second semesters, 8 hours.**

6. **American Government.**—Open to Freshmen and Sophomores. **Second semester, 4 hours.** (Not offered 1917-1918.)

7. **Political Science.**—Open to Juniors and Seniors. **First semester, 4 hours.**

8. **International Law.**—Open to Juniors and Seniors. **Second semester, 4 hours.** (Not offered 1917-1918.)

9. **European Governments.**—Open to Juniors and Seniors. **Second semester, 4 hours.**

LATIN

PROFESSOR TROSTLE

Note:—Three years of Latin are required before taking Course 1. For the third year either Cicero or Vergil may be counted. No combination of Caesar, Cicero, and Vergil will be accepted. The following courses are recommended to those intending to teach Latin: 1, 2, 3, 4, 5, 10, 11, and 12.

9. **Cicero.**—De Amicitia or De Senectute. This serves as an introduction to the philosophy of the times. Grammar review, syntactical drill, and an outline of the production. Composition one hour a week. **First quarter, 2 hours.**

10. **Ovid.**—Selected passages. With this a brief study of Greek and Roman mythology and the life of Ovid. Prose composition. Must be preceded by Course 1. **Second quarter, 2 hours.**

11. **Tacitus.**—Germania or Agricola. Study of style, syntax, and diction. Political conditions of the times reviewed. Composition once a week. Must be preceded by Course 2. **Third quarter, 2 hours.**

12. **Terence**—Phormio or Andria. Short study of Roman comedy and the great comedians. Plot and character study. Prosody and syntax considered. Prose composition. Must be preceded by Course 3. **Fourth quarter, 2 hours.**

13. **Horace**—Odes and Epodes. Study of prosody and metrical reading, social, political, and literary history of the Augustan Age. **First quarter, 2 hours.**

14. **Livy**—(One book)—A brief study of Livy's qualifications as an historian; his style, and an inquiry into his sources. **Second quarter, 2 hours.**

15. **Pliny**—Selected Letters. Includes a short study of Pliny's life, private and public, his literary career, and the reading of representative epistulae. **Second quarter, 2 hours.**

16. **Juvenal**—Satires. Social life of the times, Roman religion and philosophy, Juvenal's purpose in writing. Peculiarities of style and syntax are noted. **Third quarter, 2 hours.**

MATHEMATICS, ASTRONOMY, AND SURVEYING.

PROFESSOR MORRIS

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



ALPHONSE-DY-REPARATION.



VIEW IN CARNEGIE LIBRARY

the use of logarithms, applications of trigonometry. Plane trigonometry only. **Second semester, 2 hours.**

10. Analytic Geometry.—Properties of the point, straight line, circle, parabola, ellipse, and hyperbola. Tangents and normals, polar co-ordinates, and transformation of co-ordinates. Numerous exercises. **Second semester, 3 hours.**

11. 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.**

12. Integral Calculus.—Continuation of Course 11. 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 11 and 12 are indispensable to those students who wish to lay a good foundation in mathematics or science while pursuing college work. **Second semester, 3 hours.**

13. 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 obtained from text-book work. Elementary mathematics of astronomy introduced. This course may be elected for science credit. **First semester, 4 hours.**

14.—Surveying.—This course with Course 13 is recommended to those who desire a year's work in applied mathematics. 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. **Second semester, 3 hours.** (Not given 1917-1918.)

Advanced Work.—Upon demand by a sufficient number of qualified students, courses may be selected from the following: Advanced Analytics, Differential Equations, Spherical Trigonometry, Theory of Equations, Advanced Calculus, 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.

This course is essential to the understanding of Theism. **First semester, 2 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. **Second semester, 4 hours.** (Not given 1917-1918.)

3. Seminar in Bergson, Eucken, and Royce.—A seminar course of two hours each week will be offered in the three greatest living 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.**

4. **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.**

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

6. **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.**

7. **Religious Education.**—A course for college students and ministers in child study and religious education. **Second semester, 2 hours.**

PSYCHOLOGY

DOCTOR KURTZ

1. **General Psychology.**—A Sophomore course. The simple facts and truths of the human mind and its development. Pillsbury's Psychology, with lectures, discussions and special reports from James's

Principles of Psychology, Judd and Angell, Royce, Titchner and Wundt. **First semester, 4 hours.**

2. Advanced Psychology.—A general survey of the scope and field of psychology with reference to definite problems. A brief comparison of animal and human behavior. A detailed study of the processes of habit, attention, association, consciousness, etc. Some laboratory experiments introductory to special courses will be given. Lloyd Morgan, Hobbhouse, Titchner, Judd and James's Prin. Vol I and II will be used. **Second semester, 3 hours.**

ECONOMICS AND SOCIOLOGY

PROFESSOR YODER

1. Economics.—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. Certain topics of applied economics, such as trusts, socialism and tariff, are selected for more extended discussion in the light of these principles. Much of the class-room work takes the form of free, oral discussion. A fundamental aim is to aid the students to think with accuracy, insight, and sound judgment, for themselves. Ely, Outlines of Economics; Hadley, Economics; Bullock, Selected Readings in Economics, and parallel reading. **First semester, 3 hours.**

2. Elements of Sociology.—Idea of social law; society and natural environment; original types of mind and character, the capacity for co-operation, the cultural beliefs and the economic, legal and political habits of peoples; early forms of the family; the origins, structures, and foundations of the clan, the organization of the tribe, the rise of tribal federations, tribal feudalism, and the conversion of the gentile into a civil plan of social organization; social tasks and functions; social abnormality; the social

mind; guidance of the public mind; a general theory of society. **First semester, 4 hours.**

PHYSICS

PROFESSOR MORRIS

1. **Elementary Physics.**—Mechanics, molecular physics and heat. Three hours recitation, 2 hours laboratory. **First semester, 4 hours.**

2. **Elementary Physics.**—Electricity, magnetism, sound and light. Three hours recitation, 2 hours laboratory. **Second semester, 4 hours.**

Courses 1 and 2 are the courses offered in the fourth year academy. They are required of all students majoring in Science or Mathematics, but no college credit can be given to those who must take them.

3a. **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 three hours per week. Prerequisites, physics 1 and 2, chemistry 1, and mathematics 8. **Second semester, 3 hours.**

4a. **General College Physics.**—Magnetism, electricity, sound and light. Course is a continuation of course 3a. Recitations and lectures three hours per week. **First semester, 3 hours.**

Note. Courses 3a and 4a should be accompanied by laboratory courses 3b and 4b. These courses should be taken by students expecting to teach physics in the High School, also by those pursuing science or mathematics.

3b. **Experimental Physics.**—Mechanics, molecular physics, and heat. **First semester, 2 hours.**

4b. **Experimental Physics.**—Magnetism, Electricity, sound and light. **Second semester, 2 hours.**

THE ACADEMY FACULTY

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

A. SWOPE, A. M.,
Principal.

Psychology and Education.

HENRY JACOB HARNLY, A. M., Ph. D.,
Professor of Biology.

C. S. MORRIS, A. M.,
Professor of Mathematics and Physics.

JOSEPH J. YODER, A. B.,
Professor of Social Sciences.

ELMER LeROY CRAIK, A. M.,
Professor of History.

(TO BE SUPPLIED.)
Professor of German.

CHARLES LUTHER ROWLAND,
Director of Vocal Music.

EVELYN MAE TROSTLE, A. M.,
Professor of English and Latin.

ROBERT ELLSWORTH MOHLER, A. B., M. S.,
Professor of Agriculture.

ELLIS M. STUDEBAKER, A. B.,
Instructor in Bible.

***JOHN ALVIN BLAIR,**
Superintendent Commercial School.

J. HOWARD FRIES
Superintendent Commercial Department.

LESTER KIMMEL,
Assistant in English.

*On leave of absence.

LEVI STUMP, A. B.,

Assistant in Normal.

MINNIE WALTERS, B. S.,

Instructor in Domestic Art and Science.

ANNE O. McVEY,

Instructor in Expression.

HAZEL FLORENCE ULLOM,

Assistant in Domestic Science.

JOHN WESLEY MAXCY,

Assistant in Physical Culture.

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 superintendent's 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.

DEFICIENCIES

Students who are not prepared to enter the academic course and those desiring to prepare for examinations will be given instruction in the common school branches.

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, giving 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. A large and well equipped study room is provided in the library.

ORGANIZATIONS

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

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 Prohibition League offers an excellent opportunity to become acquainted with the problems involved in the solution of the liquor traffic. An essay contest is held each year to which any student in the Academy is eligible.

DIPLOMA

Students completing the Academy will be granted a diploma.

NORMAL TRAINING COURSE

"The normal training course, as herein outlined, represents the work that is expected will be done by

all high schools operating under the provisions of this act. It is required that the following distinctly normal training work shall be done in the third year, namely:

"Civics, $\frac{1}{2}$ unit; Physiology, $\frac{1}{2}$ unit; Psychology, $\frac{1}{2}$ unit.

"The distinctively normal training work for the fourth year shall consist of: Methods and Management, including a certain amount of observation and training work, $\frac{1}{2}$ unit; Reviews of Arithmetic, $\frac{1}{2}$ unit; Reviews of other common branches, 1 unit.

"The additional work specifically required of normal training students is: American History, 1 unit; Physics, 1 unit; Agriculture, at least $\frac{1}{2}$ unit, beginning with class of 1917.

"The following course meets the requirements of the State Board of Education for high schools which are approved for normal training. Electives should be chosen in accordance with the arrangement given in the general list of high school subjects. Fifteen units are required for graduation, but credits must be made in all the prescribed subjects. The course should include three units in some subject besides English, and two units in some additional subject. If two units in a foreign language are included in the electives, this course will be satisfactory for admission to most colleges." (From State Manual for Normal Training Courses, 1914.)

EDUCATION LIBRARY

There are between two and three hundred books of pedagogy on the professional branches. These are up-to-date books. The texts used in class are the latest editions of the strongest writers. The library method is used largely in the teaching of the professional branches. Special pains are taken to have the

student here get an appreciation, and the significance of the whole movement of education, and to get, further, the value of education as a study in itself. All the best education magazines are accessible to the student.

COURSES OF STUDY

ENGLISH

These courses are planned to give (1) command of clear, correct English, and (2) 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. (Canby & Opdycke.) Elementary principles and practice in composition, including grammar review. Reading and study of classics. **First semester, $\frac{1}{2}$ unit.**

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

English 3.—Rhetoric and Composition (Canby and Opdycke) continued. Forms of discourse. A study of narrative poetry and Shakesperian drama. **First semester, $\frac{1}{2}$ unit.**

English 4.—A study of the various types of American Literature, essay, poetry public address, drama, short story, etc. Various classics used. Study in composition interspersed. One text, "Modern Prose and Poetry" by Ashmun. **Second semester, $\frac{1}{2}$ unit.**

English 5.—A study of the development of the main types of English literature and the characteristics of the literary periods. Text: Halleck, English Literature, and Newcomers & Andrews Twelve Centuries of English Poetry and Prose. **First semester, $\frac{1}{2}$ unit.**

English 6.—Continuation of Course 5. **Second semester, $\frac{1}{2}$ unit.**

GERMAN

1. **German Grammar.**—Bacon's German Grammar is the text. Translation and composition exercises daily. First semester, $\frac{1}{2}$ unit.

2. **Continuation of Course 1.**—The text completed and reviewed. Idioms emphasized by means of German conversation. Second semester, $\frac{1}{2}$ unit.

3. **Grammar Review and Reading.**—Review of Grammar directed to the details of government, use of the modal auxiliaries, of the subjunctive, and of word order. Composition at least one hour a week. Classics will be selected from the following: Imensee, Gernelshausen, Grimms' Maerchen, Der Zerbrochene Krug, Die Blinden. First semester, $\frac{1}{2}$ unit.

4. **Continuation of Course 3.**—Composition at least one hour a week. Classics will be selected from the following: Ein Sommer in Deutschland, Der Bibliothekar, Der Neffe als Onkel, Das Kalte Herz, Burg Neideck. Second semester $\frac{1}{2}$ unit.

HISTORY

1a. **Ancient History.**—A study of the Oriental nations, Greece and Rome. First and second semesters, 1 unit.

2a. **Mediaeval and Modern History.**—A study of the history of the European countries in Mediaeval times and England in modern times. First and Second semester, 1 unit.

3a. **American History.**—A careful study of the development of America, Hodder's outline Maps and Channing's Student's History. First and second semester, 1 unit.

LATIN

1. **Beginning Latin.**—Scott's Elementary Latin. 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, Walker. 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. $4\frac{1}{2}$ hours a week. **First semester, $\frac{3}{8}$ 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 as-

signed 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.

MATHEMATICS

The Kansas State Board of Education requires two and one-half units in Mathematics as a minimum for an approved High School course. This requirement is met by the courses numbered 1-5 below. In addition a review of Arithmetic is offered in accordance with the regulations of the State Board. Solid Geometry and Advanced Algebra are open as electives to properly qualified students in the Academy.

1. Algebra. Four hours. First semester, $\frac{1}{2}$ unit.

2. Algebra. Four hours. Second semester, $\frac{1}{2}$ unit.

3. Geometry. Four hours. First semester, $\frac{1}{2}$ unit.

4. Geometry. Four hours. Second semester, $\frac{1}{2}$ unit.

5. Algebra. Four hours. First semester $\frac{1}{2}$ unit.

6. Solid Geometry. Three hours. Second semester, $\frac{1}{2}$ unit.

7. Arithmetic. Second semester, $\frac{1}{2}$ unit.

SCIENCE

1. **General Science.**—The purpose of this course is to introduce first year Academy students to nature. It is a very 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 semester, $\frac{1}{2}$ unit.**

4. **Botany.**—An introduction to the study of plants. Text-book, lectures, laboratory, and field work. **Second semester, $\frac{1}{2}$ unit.**

5. **Elementary Physics.**—Fourth year. This course acquaints the student with the important phenomena of nature and shows the vital truths found here; also the direct importance of physical science to the modern world. It deals with mechanics, molecular physics, and heat. Recitations three hours per week. Laboratory work, two hours per week. **First semester, $\frac{1}{2}$ unit.**

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

ACADEMY GENERAL

FRESHMAN

SOPHOMORE

First Semester	English I. Algebra I. Gen. Science, Language I. Penmanship Phys. Training	English III. Geometry I. Language III. Music Expression Phys. Trg.
Second Semester	English II. Algebra II. General Science Language II. Penmanship Phys. Training	English IV. Geometry II. Language IV. Music Bible or Vocational Phys. Trg.
JUNIOR		SENIOR
First Semester	English V. Zoology Language V. Gen. Hist.	Hebrew Hist. American Hist. Elective Physics Man. & Methods English VII.
Second Semester	English VI. Botany Language VI. Gen. Hist.	Life of Christ American Hist. Elective Physics Psychology Civics English VIII.

ACADEMY VOCATIONAL

FRESHMAN

SOPHOMORE

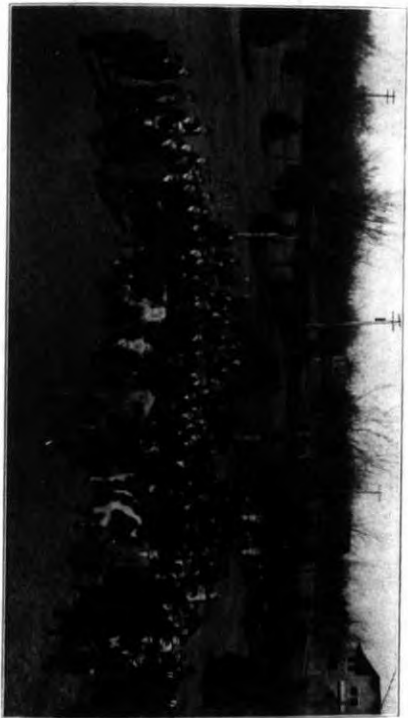
First Semester	English I. Algebra I. General Science Penmanship Elective Phys. Training	English III. Geometry I. Vocational I. Elective Phys. Training
Second Semester	English II. Algebra II. General Science Penmanship Elective Phys. Training	English IV. Geometry II. Vocational II. Elective Phys. Training
JUNIOR		SENIOR
First Semester	English V. Zoology Gen. History Vocational III.	Physics Hebrew History Vocational V. Elective
Second Semester	English VI. Botany Gen. History Vocational IV.	Physics Life of Christ Vocational VI. Elective

Vocational work may be Agricultural, Manual Training and Mechanical Drawing, Domestic Science and Art or Commercial.

Students electing a vocational course must select three units in one subject. Elected subjects must be approved by the head of the department in which the subject is chosen.

For information concerning subjects refer to departmental announcements.

8 STOCK JUDGING IN AGRICULTURE DEPARTMENT.



LABORATORY, AGRICULTURE DEPARTMENT.



NORMAL TRAINING COURSE

FRESHMAN

SOPHOMORE

First Semester	<p>English I. General Science Language I. Algebra I. Penmanship Phys. Trg.</p>	<p>English III. Language III. Geometry I. Music Expression Phys. Trg.</p>
Second Semester	<p>English II. General Science Language II. Algebra II. Penmanship Phys. Trg.</p>	<p>English IV. Language IV. Geometry II. Music Vocational Phys. Trg.</p>

JUNIOR

SENIOR

First Semester	<p>English V. Physiology Language V. Agriculture</p>	<p>American Hist. Physics Man. & Methods Reviews</p>
Second Semester	<p>English VI. Psychology Language VI. Agriculture</p>	<p>American Hist. Physics Arithmetic Reviews</p>

AGRICULTURE

PROFESSOR MOHLER

PROFESSOR RUSSEL

DE WITTE BRUBAKER

The foundation of every nation is its Agriculture. Allow your Agriculture to go down and the nation does likewise. What is true of a nation is likewise true of a people. If we as a people are to continue to grow and be the force in civilization that we have been in the past we must look well to our agriculture. This wide spread tendency of moving to the city is bound to have its results.

A country must meet the needs of its people, and it is only through education that these needs can be met. There is only one kind of education that can accomplish this end, and that is a thorough training in Agriculture.

It is for the above purpose that the following course has been prepared, and is being successfully carried out.

For further particulars concerning the department see page 14.

COLLEGE AGRICULTURE.

Agromony 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 im-

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. Text: Forage Crops and their Culture, by Piper. **Second Semester, 4 hours.**

Agronomy 5.—Soils. A general course. The first term'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. The second term considers the chemistry of the soil, as related to crop production, and emphasizes 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. Text: Soils, by Hall. **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 types of farms in the community with a view of determining labor incomes, methods of carrying on business, etc. Text: Farm Management, by Warren. **Second semester, 4 hours.**

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 the above 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 to take this course should have had courses in Physiology and Chemistry. Text: Feeds and Feeding, by Henry and Morrison. **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 of the dairy herd, and their care and handling. 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. Text: Dairy Farming, by Eckles and Warren. **First semester, 4 hours.**

Entomology 2.—Insects. This course in Entomology deals with insects in their relation to farm life. A careful study is made of Hessian Fly, Chinch Bug, Army Worm, and in fact all of the insects of great economic importance. It is essential that a student be able to identify insects, and to know their life history, in order that the methods of control may be thoroughly understood. Extensive field trips are made. A collection of insects is required. Text: Insect Pests of Farm, Garden, and Orchard, by Sanderson. **First semester, 4 hours.**

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 practices 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. Text: Agriculture Engineering, by Davidson. **First semester, 4 hours.**

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 obtained 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 the study of Eugenics. **Second semester, 4 hours.**

ACADEMY AGRICULTURE.

Agronomy 1.—Farm Crops. This is a course that deals with the production of field crops. Special emphasis is placed upon their history, importance, culture, and improvement. The course begins with a study of the forage plants, including both the grasses and the legumes. At the conclusion of this work the cereals are studied. Text: Field Crops, by Wilson and Warburton, and supplementary readings. **First semester, 4 hours.**

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, 4 hours.**

Agronomy 3.—See page 66.

Agronomy 4.—See page 66.

Agronomy 5.—See page 67.

Agronomy 6.—See page 67.

Agronomy 7.—See page 67.

Animal Husbandry 1A.—Stock Judging. This is a course in judging in which animals are judged from the market standpoint. It consists in the scoring and placing of various classes of animals. One hour lecture work, and three laboratory. Text: Principles and Practices of Livestock Judging, by Gay. **First semester.**

Animal Husbandry 1B.—Stock Judging. This course is a continuation of Animal Husbandry 1A. Animals are judged in this course from the standpoint of breed characters and breeding qualities. At the close of this course a contest is held in which the winning team receives a pennant. **Second semester.**

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. Text: Beginnings in Animal Husbandry, by Plum. **First semester, 4 hours.**

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. The primary purpose of the course is not to make professional poultrymen, but rather to teach the care and management of the farm flock. Text: Poultry Culture, by Kaupp. **Second semester, 3 hours.**

Animal Husbandry 4.—See page 67.

Animal Husbandry 5.—See page 68.

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, and the choice of the farm. **First semester, 3 hours.**

Entomology.—Farm Crop Insects. This course is a study of the insects most affecting the farm crops. Special emphasis is placed upon identification, life history, and methods of control. Text: Elementary Entomology, by Sanderson & Jackson. **Second semester, 4 hours.**

Forestry.—Farm Forestry. An elementary course in forestry, dealing with the forest trees of the middle west, their importance, distribution, etc. **Second semester, 3 hours.**

Horticulture 1.—Fruit Growing. This is a general 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. Text: Popular Fruit Growing, by Green. **First semester, 4 hours.**

Horticulture 2.—Gardening. This course comprises a study of the problems and possibilities of the market and home garden. A brief survey is also

made of the study of Landscape Gardening. Laboratory work includes plans for gardens, construction of hot beds, seed testing, etc. Text: Vegetable Gardening, by Green. **Second semester, 4 hours.**

Teachers' Agriculture.—A general course in Agriculture, fitting teachers for the county examinations. Its purpose is to especially show the practical side of Agriculture, and to fit teachers for the rural districts. Text: Essentials of Agriculture, by Waters. **Second semester, 4 hours.**

↘ **Expense Account.**—Laboratory Fees:

Horticulture 2	50c per semester
Agronomy 1	50c per semester
Agronomy 2	50c per semester
Teachers' Agric.	\$1.00 per semester
Animal Husbandry	
5	2.00 per semester

AGRICULTURE

FIRST SEMESTER.

SECOND SEMESTER.

FIRST YEAR.

Agronomy 1.
 General Science
 English 1.
 Animal Husbandry 1A.
 Elective

Agronomy 2.
 General Science
 English 2.
 Animal Husbandry 1B.
 Elective

SECOND YEAR.

Animal Husbandry 2.
 Horticulture 1.
 English 3.
 Elective

Animal Husbandry 3.
 Horticulture 2.
 English 4.
 Elective

THIRD YEAR.

Animal Husbandry 4.
 Rural Economy
 Zoology
 Elective.

Animal Husbandry 5.
 Farm Mechanics 1.
 Entomology 1.
 Bookkeeping
 Elective

FOURTH YEAR.

Agronomy 5.
 Chemistry I
 Elective

Agronomy 6.
 Genetics
 Elective

Electives chosen subject to the approval of the Professor of the department.

DOMESTIC ART AND SCIENCE

COLLEGE DOMESTIC ART

MINNIE WALTERS,

HAZEL ULLOM

The object of the instruction in Domestic Art is to give young women a practical knowledge of the selection of materials; the growing of textile fibres, and the processes used in their manufacture into fabrics. The course also offers instruction in hand and machine sewing; principles of drafting and designing patterns; dress-making, tailoring, costume designing, art needlework, history of costumes and textiles, together with courses in education, which teach how these subjects should be presented to the various grades of schools in relation to other work. The student furnishes all her materials.

Domestic Art I.—Freshman year, fall term; laboratory 4 hours. This course includes practice in hand sewing, the fundamental stitches being applied to simple articles, patching and darning; use of the sewing machines; the making of kimona, gown, corset cover, etc. Note book work is an important part of the course.

Domestic Art II.—Freshman year, winter term; laboratory 4 hours. In this course machine sewing is continued, making garments and a shirt waist, the patterns for which are drafted by the straight line system, if desired. The appropriate materials and trimmings for these garments are discussed.

Domestic Art III. and IV. Freshman year, second and third quarters; laboratory 4 hours. Continuation Domestic Art II., making a garment in cotton and wool materials.

Textiles.—Sophomore year, first quarter; 2 hours.

This course considers the primitive forms of textile industries and their development; the present method of spinning and weaving; classification, manufacture and finish of all important fibers.

History of Costume.—Sophomore year, second quarter; 2 hours. This course includes a survey of ancient Egyptian, Grecian, Roman, early and modern French costumes. Its aim is to give the student information regarding these different periods; comparisons are made regarding the adaptations to present fashions.

Drafting and Pattern Making.—Sophomore year, third quarter; 2 hours. This course gives practice in taking measures, drafting and designing patterns. All foundation patterns are drafted to measure and fitted.

Dressmaking, Advanced.—Junior year, fourth quarter, 4 hours. This course emphasizes the artistic side of lines and decoration in dress; presents the use of commercial patterns; includes practice in cutting, fitting, finishing and the draping of such materials as silks, satins, chiffons, and laces.

Tailoring.—Senior year, first semester; laboratory 4 hours. This course includes discussions of materials suitable for tailored suits, sponging, cutting, fitting and finishing coat and skirt.

Art Needle Work.—Elective in any year; 2 hours, 1 semester. This course includes, crochet, knitting, tatting, embroidery, reed and raffia and wood carving.

COLLEGE DOMESTIC SCIENCE.

This course is designed to fit young women to be home-makers and capable women in whatever sphere

their life-work may be. This training is both specific and general. While it emphasizes primarily the practical and material side of life, it does not stop here. The young women are constantly reminded that life is not drudgery; that technical knowledge and scientific skill even fails to include the full meaning of education in its highest sense. They are taught that any training that fails to develop harmoniously body, mind, and spirit, is inadequate and incomplete. They are brought face to face with ideals as well as with actualities, and are made so to see that, while skillful labor gives dignity to life, grace, refinement, and self-poise are the highest requisites for true service.

The training given is as varied as it is broad. It includes a knowledge of the laws of health, and understanding of the sanitary requirements of the home; the study of values, both absolute and relative, of the various articles (including food) that are used in the home; the wise expenditure of money, time, and energy; the scientific principles underlying the selection and preparation of food; the right care of children; and the ability to secure efficient service from others. Instruction is methodical and thorough—and is suited to the circumstances of the students. Experience shows that such training teaches contentment, industry, order, and cleanliness, and fosters a woman's independence and feeling of responsibility.

Food Study I.—Sophomore year. Class work 2 hours, laboratory 4 hours. This course includes a study of foods in regard to classification, composition, occurrence, general properties, adulterations, and the effect of application of heat to the

various food principles. Food values in relation to cost are emphasized.

First semester.—Carbohydrate foods and fats are studied.

Second semester.—Proteins, process of milling and leavening agents are studied.

Laboratory.—Experimental cookery. This is an experimental study of carbohydrates, fats and proteins, the knowledge that is gained being applied to the preparation of food.

Food Study II.—Junior year. Class work 3 hours, laboratory 2 hours. This course is a continuation of Food Study. Doughs and batter mixtures, together with preservation of fruits and vegetables. First semester.

Dietetics I.—Junior year, second semester Class work 3 hours, laboratory 2 hours. This course is an application of the principles of human nutrition as applied to the feeding of individuals under physiological and economic conditions. Reference work is required.

Laboratory.—Planning and serving of dietaries under various physiological and economic conditions furnish the work in the laboratory.

Dietetics II.—Senior year. Class work 3 hours, laboratory 2 hours. This course comprises a study of food for the infant and growing child, applying the principles of nutrition.

Laboratory.—Practice in computing, preparation, and serving of dietaries suitable for infants, young children and sick.

Domestic Science Botany.—Junior year, first semester. Class work 2 hours, laboratory 2 hours. This

course is the study of the yeast plant, as to structure of cells, temperature at which it grows best, death point of cells, etc. Especially applied to fermentation of fresh and canned fruits. Also study of molds.

House Planning.—Senior year, first semester. Class work 2 hours, laboratory 2 hours. This course includes elements of planning, building construction, plumbing, heating and ventilation; approximate estimates of cost. Sketch plans for a typical residence are prepared.

Home Decoration and Furnishing.—Senior year, second semester. Class work 2 hours, laboratory 2 hours. Interior decoration and furnishing of house planned in course in House Planning. Particular attention given to color combinations for rooms in regard to location and relation to each other; also style of furniture for different types of houses.

Personal Hygiene.—Senior year, third quarter. Class work 2 hours. This course offers to the student practical knowledge of the human body and its functions and shows the need of personal responsibility for the care and improvement of health in the home.

Home Nursing.—Senior year, fourth quarter. Class work 2 hours. Care of cases of sudden illness or accidents; the use of disinfectants and the law controlling the spread of disease; demonstration of how to treat wounds, poisons, sprains, fractures, etc.

Electives.—To Seniors only. Extension Course in Home Economics. This course is designed to give the necessary preparation to students who desire to do home economics extension work. The lecture periods will be devoted to a discussion of the field of work, comprising the extension worker, the vari-

ious phases of extension work, and the methods and means employed in it.

Laboratory.—Laboratory periods will be used by the students in giving practical demonstrations of the principles evolved from the lecture work and will consist of lectures and demonstrations before varied audiences.

Dietetic Seminar.—To seniors only. The purpose of this course is to familiarize the student with current literature of nutrition and recent discoveries in that field.

These two courses can be made as extensive as students desire.

NOTE:—In all Domestic Science and Art courses a laboratory fee will be charged. This fee will be no larger than the actual cost of material used.

LABORATORY FEES:

Hand sewing.....	\$.50 per quarter
Machine sewing.....	.50 per quarter
Embroidery.....	.50 per quarter
Food preparation.....	2.50 per quarter

ACADEMY DOMESTIC SCIENCE AND ART.

1. **Sewing.**—Garments are planned, cut, fitted and made. Economy of cutting is emphasized also emphasis is placed on remodeling of garments and combination of colors. **4 hours per week.**

2. **Embroidery.**—Includes simple designs for decorating household articles and garments. Crochet, tatting, knitting, reed and rafia work, etc. **2 hours per week.**

3. **Household Art.**—Lectures on the house and grounds, and the sanitary conditions involved in se-

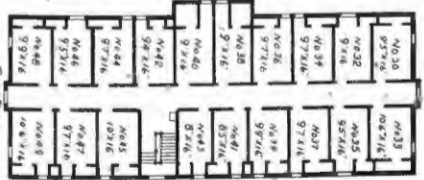
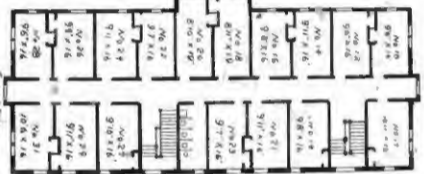
lecting a site for the house; decoration, furniture, floor coverings, practical problems in house planning, and interior decorations. **1 hour per week.**

4. Food Preparation.—Lectures and laboratory work in the preparation of food. Special attention is given to the cost and nutritive value of food. The food is studied from a dietetic standpoint. Food is prepared to illustrate the proper cooking of eggs, vegetables, breads, meats, etc. **3 hours per week.**

5. Household Management.—Housekeeping as a business deserves our best thought if health, comfort, and happiness are to be attained; care of the home; food and clothing; the division of the income and the cost of living. **1 hour per week.**

6. Hygiene.—This subject gives the student a practical knowledge of the human body and its functions, and shows the need of personal responsibility for the care and improvement of health in the home; disease due to improper food; infectious diseases and their prevention; general causes of disease; function of skin, teeth, etc., clothing and its effect. **1 hour per week.**

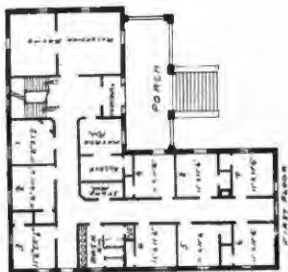
7. Home Nursing.—Care for cases of sudden illnesses or accident, use of disinfectants and the laws controlling the spread of disease; demonstrations of how to treat wounds, poisons, sprains, fractures, and use of bandages. **1 hour per week.**



First Floor

Second Floor

Third Floor



Second Floor
FLOOR PLANS, ARNOLD HALL.

DOMESTIC ART AND SCIENCE COURSE COLLEGE

FRESHMAN

SOPHOMORE

First Semester	<p>Hand Sewing and Elementary Dressmaking General Chemistry 3 Physiology 4 English</p>	<p>Food Study 3 Textiles and Costume Designing 2 Psychology</p>
Second Semester	<p>Elementary Dress Making Household Chemistry 3 Physiology 4 English</p>	<p>Food Study 3 Drafting English</p>
JUNIOR		SENIOR
First Semester	<p>Food Study 3 Domestic Science Botany 2 Bible 4</p>	<p>Dietetics 3 House Planning 2 Tailoring</p>
Second Semester	<p>Dietetics 3 Advanced Dressmaking Sociology 3</p>	<p>Dietetics in Disease 3 Home Decoration and Furnishing 2 Home Nursing 2.</p>

DOMESTIC ART AND SCIENCE COURSE ACADEMY

FRESHMAN

SOPHOMORE

Second Semester	<p>English *German or Latin Physical Geography Hand Sewing (1st quarter.) Vocal Music Machine Sewing (2nd qr.)</p>	<p>English *German or Latin Algebra Botany Machine Sewing</p>
First Semester	<p>English *German or Latin Bookkeeping Machine Sewing—Embroid. Vocal Music Domestic Art</p>	<p>English Algebra Botany German or Latin Reed and Raffia</p>

JUNIOR

SENIOR

First Semester	<p>English Algebra Domestic Science, Botany Physiology Latin German Ancient History Hebrew History</p>	<p>Physics General Chemistry Geometry American History Cooking (2 hrs.) Theory (1 hr.) Domestic Science. Botany</p>
Second Semester	<p>English Geometry Social Culture Hygiene Psychology Latin German Ancient History Life of Christ</p>	<p>Physics Sanitary and Applied Chem. Textiles and House Decora. American History Cooking (2 hrs.) Theory (1 hr.) Household Management</p>

EXPRESSION

ANNE O. McVEY,

Graduate College of Oratory, 1914. (University of Southern California; Columbia College of Expression, Chicago, Summer, 1915-1916.)

"We but half express ourselves," says Emerson. It is the purpose of this department to develop the powers of expression that the individual may better express to others the best that is in him.

The ability to express is next in importance to conceive, since knowledge unexpressed affects the individual only. That which is not expressed lies dormant within ourselves; it is dead to the world and dies to us.

Expression has to do with the whole man. A noble body and beautiful voice can only express what the mind can comprehend and feel, therefore we aim to stimulate the highest thoughts and emotions.

The student is led to keep an open mind, susceptible to the best manifestations of nature, life, and literature, and to express his impressions through his own individuality. To be an intelligent reader is an accomplished. Practically considered it is an aid to every other subject belonging to a course of instruction.

LITERARY INTERPRETATION

Different types of literature are placed before the student for oral interpretation. It is purposed to arouse a keen appreciation of the best in literature and to impart it intelligently and effectively to others.

VOICE DEVELOPMENT

The human voice is the most beautiful and marvelous of musical instruments, and it is the finest

avenue of expression. It is scientifically constructed and the methods pursued for its development are based upon the best singing methods, with particular application to the requirements of the speaking voice. In addition to necessary technical training to develop strength, freedom and purity of tone, the voice is trained to express spontaneously and genuinely the varying shades of thought and feeling. Attention is also given to pronunciation and articulation.

BODILY EXPRESSION

"Not soul helps body more than body soul." We aim to train the body to become the soul's free agent of expression, not by set gesture or imitation, but by teaching that the body is the temple of the indwelling spirit. "If the body and voice are not responsive the soul is imprisoned and the man can never manifest the power or exert the influence, which is his."

BIBLE AND HYMN READING

A short course in interpretation of selections from the Bible and of famous hymns will be given, to stimulate a desire on the part of Christians to read our sacred literature, not as mere history, but as a living message for twentieth century people.

STORY TELLING.

Perhaps no movement of recent times is more significant than the revival of the lost art of story telling. Our newer and truer conception of the child mind and heart has made it a necessary factor in his education and ethical training. It offers the one big opportunity to plant into the deep infinite faculties of man—his fantasy and heart, and for eternity.

A graded course is offered to meet the needs of teachers and all who would enter more fully into the child world of dreams, beauty, truth, fantasy and fun.

COURSE IN EXPRESSION—Two Years

JUNIOR YEAR

Course I.—Fundamental principles of Phrasing, Voice, and Bodily Expression; Characterization; Physical Culture. Texts: "Development of Expression" Vol. I.; "Tales of a Wayside Inn," Longfellow. **First semester, 4 hours.**

Course II.—Continuation of Course I.; Literary Interpretation, Objective Drama, Repertoire, Chapel Recitals. Texts: "Development of Expression," Vol. II. Interpretation of printed page and story telling. "Silas Marner," George Elliot; "Enoch Arden," Tennyson. **Second semester, 4 hours.**

SENIOR YEAR

Course III.—Literary Interpretation, Oral and Bodily Expression, Voice Culture, Conversation, Classical Drama, Repertoire, Physical Culture, Recitals. Texts: "Development of Expression" Vol. III., Selections from Shakespeare, Tennyson, and Browning. **First semester, 4 hours.**

Course IV.—Literary Interpretation, Expression, Bible and Hymn Reading, Contemporaneous Drama, Art History, Oratory, Repertoire, Public Recitals. Texts: "Development of Expression" Vols. III. and IV., Selections from the best modern authors. **Second semester, 4 hours.**

Credits.—Two hours Academy credit is given for Courses I. and II. Four hours College credit is given for either Course III. or Course IV. to students of college rank.

The College courses in Public Speaking, Oratory, and Argumentation may be substituted for any four hours work listed above. See English department.

Those completing the two years' course and hav-

ing full academy credit will receive a diploma.

Special tuition is charged for Courses I., II., III., and IV. This includes some private instruction each term.

RATES FOR SPECIAL AND PRIVATE INSTRUCTION

One special class per term	\$6.00
Private lessons, for ten consecutive lessons	6.00
Single lessons, 45 minutes75

MUSIC

VOCAL SCHOOL

CHAS. L. ROWLAND,

Blue Ridge College, Normal Course; Roanoke, (Va.) School of Music; Peabody Conservatory; Marks Conservatory, (New York); student of The Art of Singing with Geo. Castelle, Baltimore, (Italian method); Robt. G. Weigester, New York; Wm. Claire Hall, Chicago.

Good music is no longer considered a luxury to be enjoyed by the few, but is recognized as a very necessary part of one's education. In the home it comforts and cheers when the weary day is done, in the church it expresses the praise of man to his Creator, and in college life it plays a much needed part. No student's education is complete without a course in music.

VOICE CULTURE

There is so much beauty and charm in artistic singing that the world today will listen only to those who have a well trained voice. Breath-management, resonance, tone color, phrasing, and interpretation remain a sealed book to the untrained singer.

HARMONY

Harmony is the window through which we look to see the clouds and sunshine in music. Every earn-

est student of music should understand tone relation, modulation, embellishment, etc., as revealed through a study of harmony.

THEORY

The elementary theory, which includes Sight Reading in the B class, treats all details of musical notation, together with an understanding of keys, major and minor; scale formation, chromatics, modulation, etc. The Advanced course deals with the production of sound, acoustics, the orchestra and its instruments, musical form, and disputed points and misused terms.

ADVANCED CHORUS.

The advanced chorus class studies systematically such works as *The Word of God* by Spross, *The Crucifixion* by Stainer, and *The Light of Life* by Lorenz; and gives a public concert of the composition studied.

NOTATION

The course in notation is designed to acquaint the student with the characters used in music writing, scales, transposition, etc. It serves chiefly as an introduction to the study of harmony.

HISTORY AND BIOGRAPHY

Beginning with the music of the Chinese, Greeks, Hindoos, and others, the development of music is traced as History through many centuries. From the time of Bach, Biography and History are treated simultaneously since each helps interpret the other.

GLEE CLUBS

The Men's Glee Club is one of the most interesting of the student activities. It gives training and experience that no student can afford to miss provided

NORMAL COURSE JUNIOR YEAR

First Quarter.—Vocal Music B Class (2 hours a week), Elementary Theory, Notation, Ear Training (2 hours a week.) Voice Culture.

Second Quarter.—Vocal Music B Class, Introductory History of Music, Ear Training, Harmony, Voice Culture.

Third Quarter.—Vocal Music B Class, Terminology, Ear Training, Harmony, Voice Culture.

Fourth Quarter.—Vocal Music B Class, Terminology, Ear Training, Harmony, Voice Culture.

SENIOR YEAR

First Quarter.—A Chorus (2 hours a week), Advanced Theory, History of Music, Harmony, Voice Culture.

Second Quarter.—A Chorus, Advanced Theory, History of Music, Harmony, Voice Culture.

Third Quarter.—A Chorus, Biography of Musicians, Analysis and Composition, Voice Culture.

Fourth Quarter.—A Chorus, Biography of Musicians, Composition and Elementary Counterpoint, Voice Culture.

In addition to the course outlined there will be required: One semester of Expression, one year of English, one year of Piano.

THE ART OF SINGING.

The course in The Art of Singing will require at least one year of study after having finished the Normal Course, the time to be determined by the scholarship of the individual and the merits of the voice. The student will study songs in German, Italian, and French, as well as these languages.

NORMAL COURSE JUNIOR YEAR

First Quarter.—Vocal Music B Class (2 hours a week), Elementary Theory, Notation, Ear Training (2 hours a week.) Voice Culture.

Second Quarter.—Vocal Music B Class, Introductory History of Music, Ear Training, Harmony, Voice Culture.

Third Quarter.—Vocal Music B Class, Terminology, Ear Training, Harmony, Voice Culture.

Fourth Quarter.—Vocal Music B Class, Terminology, Ear Training, Harmony, Voice Culture.

SENIOR YEAR

First Quarter.—A Chorus (2 hours a week), Advanced Theory, History of Music, Harmony, Voice Culture.

Second Quarter.—A Chorus, Advanced Theory, History of Music, Harmony, Voice Culture.

Third Quarter.—A Chorus, Biography of Musicians, Analysis and Composition, Voice Culture.

Fourth Quarter.—A Chorus, Biography of Musicians, Composition and Elementary Counterpoint, Voice Culture.

In addition to the course outlined there will be required: One semester of Expression, one year of English, one year of Piano.

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CREDITS.

For two half-hour lessons in voice culture with five hours' practice per week, there will be given one hour credit per semester.

For Harmony, History of Music, Theory, and Counterpoint full credit is given for the number of hours spent in recitation.

For the Advanced Chorus, B-Chorus, and Ear Training, which meet two hours a week, one hour credit will be given per semester. By doing outside work Advanced Chorus may count for college credit.

Student must be of college rank to receive college credit in the vocal school. No college student will receive college credit for the first year of voice culture, who has not a good foundation laid for voice culture through a study of piano, or some other study which gives the necessary ground work.

CERTIFICATE AND DIPLOMA

A certificate will be given to those completing the Normal Course. A diploma will be awarded to those having completed the course in the Art of Singing.

TUITION**Voice Culture:**

Two lessons per week, per quarter.....	\$17.00
One lesson per week, per quarter.....	9.00
Single lessons.....	1.00

Harmony, Counterpoint, History of Music, Ear Training, or

Advanced Theory, per quarter, each.....	\$3.00
Any two or more, per quarter, each.....	2.50

All tuition in advance. Lessons will be altered in case of sickness, otherwise no deduction for absence. These charges are subject to change.

PIANO SCHOOL

JESSIE BROWN,

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

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 student 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 expense may thus be saved and far better results attained:

The course of study is divided into Preparatory, Academic, 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, Burgmuller, Gurlitt, Bertini and others; easy selections from Lichner, Biederman, Schmoll, Rhode, Gurlitt, Spindler, etc.

GRADE 2

Selected Studies from Doring, Brauer, Czerny, Bertini, Burgmuller, Concone, Gurlitt, easy sonatines from Clementi, Reinecke, Diabelli, technical studies from Schmitt, compositions from Schumann, Wilm, Gurlitt, Kullak, Spindler, Gade, Rheinhold, etc.

NORMAL—(Grades 3, 4 and 5)

GRADE 3

Studies.—Bertini, Heller, Etudes, Lecoupey, Leoschhorn, Czerny, Berens, sonatines from Kuhlan, Dussek; technical exercises from Wiehmayer or Beringer, compositions from Mendelssohn, Schwenka, Godard, Raff and Jadassohn.

GRADE 4

Studies.—Heller, easier compositions from Bach, Czerny, easy sonatas from Haydn, Mozart, technical exercises from Breinger, compositions from Grieg, Goddard, Schmitt, Schubert, Neupert, etc.

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, Hazerbier, Moszkowski, Schumann and Liszt.

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

Two units in Music may receive Academy Credit.

COLLEGIATE**(Grades 6 and 7.)**

Studies.—Selected from Gradus ad Parnassum, Bach's three part inventions and Well-tempered

Clavichord, Beethoven Sonates, more difficult compositions by MacDowell, Rubinstein, Chopin, Schumann, Brahms, Debussy, Tschaikowski, Liszt, Concerto from Mozart, Hummel, Mendelssohn and others.

A Diploma is awarded to those who have completed the full Collegiate Course.

All students 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 will not play in public without rehearsals and permission from the teacher.

Students 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.

EXPENSES

Preparatory, two lessons per week, (30 minutes each) By Assistant	\$12.00
Miss Brown	\$15.00
Normal, Two lessons per week.....	\$18.00
Collegiate, Two lessons per week.....	\$24.00
Rent of piano, per term, from	\$2.00 to \$3.00

Terms in advance; no deduction for absence.

THE BIBLE SCHOOL FACULTY

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

President of the College.

ELDER JOSEPH J. YODER, A. B.

Dean of the Bible School.

ELDER ELLIS M. STUDEBAKER, A. B.,

Professor of Bible Greek, and Director of Religious Extension.

ELDER ARTHUR JEROME CULLER, B. D., Ph. D.,

Professor of Theology.

AMANDA FAHNESTOCK, B. S. L., A. B., B. D.,

Instructor in Bible.

EVELYN TROSTLE, A. M.,

Professor of English.

OLIVER HENRY AUSTIN, A. B.,

Evangelist.

H. M. BAUBAKER, A. B.,

Evangelist.

PURPOSE AND SPIRIT

In these courses the effort is to lead the student into the deepest and truest acquaintance with the Bible of which he is capable. The ultimate object, of course, is the enrichment of the student's own spiritual experience, and his equipment and inspiration for the most efficient Christian service. The immediate purpose is to understand the message which God has given to mankind in the Holy Scripture. The Bible itself is the subject of study rather than books which men have written about it. The point of view is practical rather than speculative, and the whole work is animated by the deep desire to know the Bible just as it is and to extend that knowledge to others.

The imperative demands of today for religious leaders and the deep and universal interest in Bible

study, as perhaps at no time in the world's history, make a thorough Bible training indispensable in one's College education, and all students in other departments are urged to elect Bible courses.

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 in the Bible School.

The Curriculum of the Bible School contains these three comprehensive courses: The Divinity Course, the Collegiate Course, and the Academy English Course. They seek to put the different subjects taught in their true light with one another and to give unity to the course as a whole.

THE DIVINITY COURSE

The four years' Divinity course which is offered leads to the degree of B. D., (Bachelor of Divinity.) This course will meet the needs of advanced students and will equip for the work of pastors, teachers, and leaders in church work. Its standard both in entrance requirements and course given are equal to the best in American Bible schools and seminaries.

Students taking the course will be expected to have a preparation equal to the completion of the Sophomore year of the College Course. By then completing the Divinity Course they will receive with proper electives both the A. B. and B. D. degrees, in six years. Students who have taken their A. B., and elected in Bible work can then if they desire continue two years in the further requirements and receive the B. D., degree. A graduating thesis will be required of all candidates for the degree.

Special opportunities will be given for research work along Biblical, theological or other lines of

study. A wide range of electives will be offered to meet the needs of students contemplating various lines of work.

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 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 SEMESTER		
		FIRST YEAR	SECOND YEAR	THIRD YEAR
SECOND SEMESTER	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.
	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.
	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, 4 hrs. Systematic Theology, 3 hrs. Rural Problems, 3 hrs. Elective, 5 hrs.
	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, 4 hrs. Systematic Theology, 3 hrs. Rural Problems, 3 hrs. Elective, 5 hrs.

DIVINITY COURSE

		FIRST YEAR	SECOND YEAR
FIRST SEMESTER	First Quarter	Life and Times of Jesus, 4 hrs. N. T. Greek, 4 hrs. O. T. Introduction and History, 3 hrs. Elective, 4 hrs.	Church History, 3 hrs. N. T. Greek, 4 hrs. O. T. Prophets, 3 hrs. Homiletics, 3 hrs. Elective, 3 hrs.
	Second Quarter	Life and Times of Jesus, 4 h. N. T. Greek, 4 hrs. O. T. Introduction and History, 3 hrs. Elective, 4 hrs.	Church History, 3 hrs. N. T. Greek, 4 hrs. O. T. Prophets, 3 hrs. Homiletics, 2 hrs. Elective, 3 hrs.
SECOND SEMESTER	Third Quarter	Life and Times of Paul, 4 h. N. T. Greek, 4 hrs. O. T. Introduction and History, 3 hrs. Elective, 4 hrs.	Church History, 3 hrs. N. T. Greek, 4 hrs. O. T. Prophets, 3 hrs. Homiletics, 2 hrs. Elective, 3 hrs.
	Fourth Quarter	Life and Times of Paul, 4 h. N. T. Greek, 4 hrs. O. T. Introduction and History, 3 hrs. Elective, 4 hrs.	Church History, 3 hrs. N. T. Greek, 4 hrs. O. T. Prophets, 3 hrs. Homiletics, 2 hrs. Elective, 3 hrs.

DIVINITY COURSE (Continued)

		THIRD YEAR	FOURTH YEAR
FIRST SEMESTER	First Quarter	History of Philosophy, 4 hrs. Ethics, 4 hrs. O. T. Laws and Inst., 3 hrs. Elective, 4 hrs.	Hist. of Christian Doctrine, 3 hrs. Systematic Theology, 3 hrs. Rural Problems, 3 hrs. Elective, 6 hrs.
	Second Quarter	History of Philosophy, 4 hrs. Ethics, 4 hrs. O. T. Laws and Inst., 3 hrs. Elective, 4 hrs.	Hist. of Christian Doctrine, 3 hrs. Systematic Theology, 3 hrs. Rural Problems, 3 hrs. Elective, 6 hrs.
SECOND SEMESTER	Third Quarter	Theism, 4 hrs. Sociology, 3 hrs. O. T. Wisdom Lit., 3 hrs. Elective, 5 hrs.	Hist. of Christian Doctrine, 3 hrs. Systematic Theology, 3 hrs. Pastoral Problems, 2 hrs. Elective, 7 hrs.
	Fourth Quarter	Theism, 4 hrs. Sociology, 3 hrs. O. T. Wisdom Lit., 3 hrs. Elective, 6 hrs.	Hist. of Christian Doctrine, 3 hrs. Systematic Theology, 3 hrs. Pastoral Problems, 2 hrs. Elective, 7 hrs.

THE ART SCHOOL

DAISY P RIDER

REGULAR ART COURSE

First Year.—Free Hand Drawing, Perspective, Theory of Color, Still Life (Water and Oil), Principles of Design, History of Art.

Second Year.—Perspective, Free Hand Drawing from Cast, Sketching from Life and Nature, Still Life, Landscape Painting, Design, Historic Ornaments.

Third Year.—Drawing from Cast, Sketching from Life and Nature, Still Life, Landscape Painting, Applied Design, Original Composition.

SPECIAL COURSES

Class A.—China Painting.

Class B.—Water Color and Oil Painting from Life and nature; also from approved models in design in Water Color.

Class C.—Beginner's Course. Includes various forms of free hand, constructive and decorative drawing and use of different media, such as crayons, charcoal, pencil and water color as required for descriptive, illustrative and model drawing in the grades or rural schools.

ART TUITION

Per semester, two lessons per week.....	\$18.00
Single lessons.....	.75

COMMERCIAL DEPARTMENT

BETTER PREPARATION FOR BUSINESS IS AFFORDED AT McPHERSON COLLEGE

J. HOWARD FRIES, Superintendent.

Since the foundation of the school we have been training young people of both sexes for business activities. The function of our School of Business is to equip our students for the active duties of business life, not only as they pertain to accounting or book-keeping, to finance and commercial office work, but also to the financial, legal, and ethical management of all lines of business. Such a course is as essential to the farmer as to the banker or merchant.

Students of this department have many additional advantages which cannot be secured in the ordinary business college. All students are urged to take part in the various activities of the school, especially in the different forms of athletics. The literary societies, public programs, library, and gymnasium are open to the students of this department the same as to other students of the institution.

Those who complete either the regular (one-year) course, or the advanced (two-year) course will be awarded a diploma.

BOOK-KEEPING

We use the latest, best, and most practical book-keeping course published. The fundamental principles of book-keeping and accountancy, as applied to the various lines of business, and taught in this course, have been endorsed by leading accountants. Students become 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

The first element of a business education is the ability to calculate. The best compendium of commercial arithmetic now before the public is the principal text book we use on the subject. It contains useful hints, showing short methods, quick results, and all manner of calculations involving the use of United States Money, Commission, Brokerage, Discount, Loss and Gain, Percentage, etc. The latest and best methods of computing interest are used, to prepare the student as an expert calculator.

BUSINESS CORRESPONDENCE

The essential points in a business letter are subject matter, expression and mechanical appearance.

The object of instruction in this branch is to familiarize the student with good English forms of expression and with language peculiar to business transactions.

COMMERCIAL LAW

Commercial law is primarily the law of contracts. We labor to equip our students thoroughly for the battle of life by spending sufficient time to explain the laws and customs they are certain to face in after years so that they may be able to steer clear of litigation.

PENMANSHIP

Good business writing is one of the most important elements in a 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.

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.

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.

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 Commercial Arithmetic English Penmanship Orthography	Bookkeeping Political Economy Commercial Geography History of Commerce English
Second Semester	Bookkeeping Commercial Law Correspondence English Penmanship Rapid Calculation	*Bookkeeping *Banking Civics Advertising Salesmanship English

*Elective



SHORTHAND

V. GRACE NEHER, B. Accts.

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 AT ALL TIMES IN DEMAND.** 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.

OUR SYSTEM

It is hardly necessary to say that some form of Pitman's Phonography is always the best, for that is admitted and also demonstrated by the fact that more than eight-tenths of the reporters in English-speaking countries use the Pitman base. In the Government service at Washington, D. C., about 86 per cent of the shorthand writers use the Pitman. Statistics show that all the cities in the United States with a population above one hundred thousand, except six or seven, use the Pitman in their High Schools, as prescribed by their Boards of Education. Dement's Pitmanic is the system preferred by us, and is unquestionably the best before the public. Our preference for the system named lies in the simplicity of the forms and the ease and rapidity with which it can be written and read. It is also as easy to learn as any that is worth learning. The author, Isaac S. Dement, of Chicago, is the leading professional stenographer of the United States and Ex-President of the National Shorthand Teacher's Association. He is the fastest writer of Shorthand living and has put in his text-book all he knows about Shorthand. Students learning this system will never regret their choice. It is the best.

TYPEWRITING

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, arrangements, 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.

STENOGRAPHY

Outline of Courses

	FIRST YEAR	SECOND YEAR
First Semester	Shorthand 4 hrs. Typewriting, 4 hrs. English, 4 hrs. Penmanship, 4 hrs. Bookkeeping, 4 hrs.	Special Dictation studies and drill in Business dictation, 4 hrs. Office practice and reporting, 4 hrs. English Typewriting, 4 hrs.
Second Semester	Shorthand, 4 hrs. Typewriting, 4 hrs. English, 4 hrs. Rapid Calcu., 4 hrs. Commercial Law, 4 hrs.	Dictation and speed study and Business dictation 4 hrs. Office practice and reporting, 4 hrs. English, 4 hrs. Civics, 4 hrs. Typewriting, 4 hrs.

DIPLOMAS

Those completing the first year's course will receive a certificate of acknowledgement.

Those completing the two year's course will receive a Diploma.

STUDENT REGISTER, 1916-1917.

POST GRADUATE COURSE.

F. F. Hollisople, L.Q.D.	Harrisburg, Pa.
H. F. Toewa, D.D.	Hillsboro, Kans.
F. H. Crumpacker, D. D.	Ping Ting Hsien, China
Mrs. Fahnstock, B.D.	McPherson, Kans.
Mrs. Crumpacker, A.M.	Ping Ting Hsien, China

SENIOR COLLEGE.

Beyer, Martin	McPherson, Kans.
Brubaker, Harvey	Bloom, Kans.
Eshelman, Bruce	Red Cloud, Neb.
Harms, A. J.	Hillsboro, Kans.
Hoerner, Alice	McPherson, Kans.
Horning, D. L.	Chicago, Ill.
Hoover, J. H.	Warrensburg, Mo.
Jones, Estel	McPherson, Kans.
Miller, Mannie	Canton, Kans.
Mohler, Frank	Leeton, Mo.
Sisler, Faye	Richmond, Kans.
Snader, Fayanna	Santa Ana, Cal.
Swanson, Nina	McPherson, Kans.
Ullom, Lulu	Lamar, Colo.
Vogt, Alice	Versailles, Mo.
Wendt, Arthur	Groveland, Kans.

JUNIOR COLLEGE.

Bowman, Joseph	Quinter, Kans.
Boone, Adria	Lyons, Kans.
Bowman, Samuel	Quinter, Kans.
Danahy, Paul	McPherson, Kans.
Engle, Homer	Abilene, Kans.
Harnly, Morris	Chicago, Ill.
Hildebrand, Myrta	Mound City, Mo.
John, Chaucer	Byers, Kans.
Jones, Galen	McPherson, Kans.
Kimmel, Lester	Larned, Kans.
Phillippi, Roy	McPherson, Kans.
Rexroad, Carl	Darlow, Kans.
Schmidt, Jonathon	Burton, Kans.
Thomas, Kathryn	Red Cloud, Neb.
Vaniman, Wilber	McPherson, Kans.
Watkins, Earl	Mount Ida, Kans.
Wall, Earnest	McPherson, Kans.

SOPHOMORE COLLEGE.

Brandt, W. E.	McPherson, Kans.
Boone, Amos	Lyons, Kans.
Boone, Eva	Lyons, Kans.
Becker, Elery	Rocky Ford, Colo.
Brechbill, Martin	Romona, Kans.
Crumpacker, Lloyd	McPherson, Kans.
Ebaugh, Ione	McPherson, Kans.

Engstrom, Harold	McPherson, Kans.
Forney, Clyde	Kansas City, Kans.
Flickner, Edmond	Moundridge, Kans.
Heckethorn, Marguerite	McPherson, Kans.
Hawkinson, Helen	McPherson, Kans.
Hoffman, Herbert	McPherson, Kans.
Halderman, Leland	Morrill, Kans.
Maxcy, J. Wesley	Morrill, Kans.
McGaffey, Edith	Abilene, Kans.
Moors, Chester	McPherson, Kans.
Martin, Scott	Lamar, Colo.
Miller, Dorothea	Galva, Kans.
Mishler, Floyd	Conway, Kans.
Neighbors, Glen	McPherson, Kans.
Shirk, Roy	Ramona, Kans.
Vaniman, Lawrence	McPherson, Kans.
Weeden, Merrill	McPherson, Kans.
Wilson, Claude	Canton, Kans.

FRESHMAN COLLEGE.

Brubaker, Mabel	Protection, Kans.
Bowman, Lois	Quinter, Kans.
Brubaker, Ruth	Protection, Kans.
Brandt, Paul	McPherson, Kans.
Baldwin, Wilber	McPherson, Kans.
Beery, Ruth	DeBeque, Colo.
Baile, Gayman	Arcadie, Florida
Brubaker, Roy	Conway, Kans.
Brubaker, Albert	Sandmar, Cal.
Bowman, Ida	Quinter, Kans.
Bowman, Curtis	Quinter, Kans.
Cline, Bertha	McPherson, Kans.
Durst, Cecil	Moundridge, Kans.
Engle, Eldon	Morrill, Kans.
Frantz, Lowell	Conway Springs, Kans.
Fox, Henry	Larned, Kans.
Girard, Edward	Windom, Kans.
Greenwood, Grace	Carthage, Mo.
Heaston, Gladys	McPherson, Kans.
Hoffman, Lester	Abilene, Kans.
Hoffman, Paul	Abilene, Kans.
Hoffman, Irene	Morrill, Kans.
Harms, Martha	McPherson, Kans.
Horton, Gilberta	McPherson, Kans.
Ikenberry, E. L.	Quinter, Kans.
Jensen, Therkal	McPherson, Kans.
Johnson, Glenn	McPherson, Kans.
Kasey, Lillian	McPherson, Kans.
Klepinger, Myri	Kansas City, Mo.
Kinzie, Roy	McPherson, Kans.
Knauns, Violet	McPherson, Kans.
Lacquement, Fabian	Canton, Kans.
Maxcy, Chas. C.	Morrill, Kans.
Rowe, May	Richmond, Kans.

Riddleberger, Calle	Nampa, Idaho
Sioniker, Rufus	Lovewell, Kans.
Stutzman, Milo	Dallas Center, Iowa
Shoemaker, Ruth	Plattsburg, Mo.
Teeter, Nina	Larned, Kans.
Talhelm, Ruth	Rocky Ford, Colo.
Wickman, Carl	Guide Rock, Neb.
Wampler, Roy	McPherson, Kans.
Williams, Ruth	Plattsburg, Mo.
Williams, Minnie	McPherson, Kans.
Yoder, Paul	Sabetha, Kans.

SENIOR ACADEMY.

Anden, Orpha	McPherson, Kans.
Anderson, Alma	McPherson, Kans.
Beehore, Edith	Murdock, Kans.
Buckman, John	McPherson, Kans.
Brubaker, Dewitt	McPherson, Kans.
Boyd, Bertha	Cordell, Okla.
Blickenstaff, Miles	Quinter, Kans.
Breon, Jessie	Portia, Kans.
Brubaker, Crawford	Conway, Kans.
Brubaker, W. E.	Cloud Chief, Okla.
Brubaker, Beattie	Cloud Chief, Okla.
Clark, Fay	McPherson, Kans.
Crumpacker, Leonard	McPherson, Kans.
Cullen, Ray	Beatrice, Neb.
Dagget, Mary	Covert, Kans.
Evans, Galen	Juniatta, Neb.
Flora, Susie	Overbrook, Kans.
Heckman, Letha	Chanute, Kans.
Holmes, Olive	Carthage, Mo.
Hoffert, Phebe	Carleton, Neb.
Hylton, Roy	Protection, Kans.
John, Rockia	Byers, Kans.
Lehman, Ralph	Carleton, Kans.
Muse, Marion	McPherson, Kans.
Moore, Leland	McPherson, Kans.
Merkey, Ella	Portia, Kans.
Merkey, George	Portia, Kans.
Merkey, Sam	Cloud Chief, Okla.
Moore, J. Melvin	McPherson, Kans.
Neher, Lota Mae	McCune, Kans.
Naylor, Lewis	Portia, Kans.
Neher, Roy	McCune, Kans.
Neher, Ruby	Leeton, Mo.
Pitser, Alice	Cordell, Okla.
Pollock, Mrs. Myrtle	McPherson, Kans.
Rexroad, Edward	Darlow, Kans.
Stutzman, Delfiah	McPherson, Kans.
Smith, Carrie	Bloom, Kans.
Sherfy, Mary	Mont Ida, Kans.
Sherfy, Nina	Mont Ida, Kans.
Sherfy, Earnest	Mont Ida, Kans.

Vaniman, Ray	Cordell, Okla.
Van Pelt, Edward	Richmond, Mo.
Vaniman, Pauline	McPherson, Kans.
Wagner, Anna	Portia, Kans.
Wilke, Clarence	Iuma, Kans.

JUNIOR ACADEMY.

Barnhart, Mrs. Anna	McPherson, Kans.
Barnhart, Oscar	McPherson, Kans.
Baker, Lawrence	Belleville, Kans.
Bock, George W.	Larned, Kans.
Colebank, Sidney	Brocket, N. D.
Dirks, Isaac	Buhler, Kans.
Day, Della	Elyria, Kans.
Eagle, J. Howard	Abilene, Kans.
Eichenberger, Cedric	Leoti, Kans.
Eller, John	Larned, Kans.
Fox, Mary Eller	Larned, Kans.
Fox, Lee	Larned, Kans.
Gatz, Rosa	McPherson, Kans.
Gauby, Mamie	Morrowville, Kans.
Heckman, Modena	Overbrook, Kans.
Henard, J. A.	Rocky Ford, Colo.
John, Ruth	McPherson, Kans.
Jones, Nina	McPherson, Kans.
John, Berulco	Byers, Kans.
Muse, Marguerite	McPherson, Kans.
Mugler, Carrie	McPherson, Kans.
Pair, Paul	Beatrice, Neb.
Shore, V. P.	Holmesville, Neb.
Shirkey, Kathryn	Madison, Kans.
Weddle, Della	Minneola, Kans.
Warwick, Lola	McPherson, Kans.

SOPHOMORE ACADEMY.

Baker, Agnes	Larned, Kans.
Blickenstaff, Carl	Quinter, Kans.
Blickenstaff, Martha	Quinter, Kans.
Brubaker, David	Fruita, Colo.
Brubaker, Sarah	Cordell, Okla.
Coover, Paul	Broken Arrow, Okla.
Enriken, Grace	Abilene, Kans.
Flora, Myrtle	Overbrook, Kans.
Fifer, Lizzie	Stat, Mo.
Ikenberry, Bertha	Quinter, Kans.
McAvoy, R. B.	Thomas, Okla.
Miller, Leah	Alva, Neb.
Orr, E. C.	Plattsburg, Mo.
Oxley, Chas.	McClave, Colo.
Pair, Amy	Beatrice, Neb.
Peel, Henry	McPherson, Kans.
Rump, August	Conway, Kans.
Reiman, Cadie	Byers, Kans.
Shirkey, John	Madison, Kans.
Bitta, Chester	McPherson, Kans.

Tester, Ruby	Larned, Kans.
Tousley, Emma	Crystal, Mich.
Ullom, Fern	Lamar, Colo.

ACADEMY FRESHMAN.

Bowman, Roy	Norborne, Mo.
Baker, Walter	Larned, Kans.
Bowser, Gladys	Ablene, Kans.
Boyd, Elizabeth	Virginia, Neb.
Barringer, Leroy	Lovewell, Kans.
Bowman, Laura	Hardin, Mo.
Bowman, Edmond	Norborne, Mo.
Crumpacker, Sanger	McPherson, Kans.
Daron, Zelma	Groveland, Kans.
Clark, Russell	McPherson, Kans.
Eller, Edna	Hardin, Mo.
Falls, W. M.	Hardin, Mo.
Frantz, Bertha	Holmesville, Neb.
Forney, Elsie	Kansas City, Kans.
Fillmore, Oliver	Cushing, Okla.
Fillmore, Elmer Roy	Cushing, Okla.
Frantz, Alfred	Holmesville, Neb.
Gauby, Calvin	Morrowville, Kans.
Holler, Mae	Hardin, Mo.
Holler, Clara	Hardin, Mo.
Hogan, Howard	Norborne, Mo.
Jones, Hermin	Avery, Mo.
Kelm, Bernice	McPherson, Kans.
Klopfer, Eva	Ramona, Kans.
Merkey, Earnest	Cloud Chief, Okla.
McGaffey, Fannie	Ablene, Kans.
Mishler, Irene	Conway, Kans.
Muse, Kenneth	McPherson, Kans.
Mugler, Martha	McPherson, Kans.
McAvoy, U. A.	Thomas, Okla.
Moors, Eunice	McPherson, Kans.
McClelland, Hervey	McPherson, Kans.
Marlow, Myrtle	Belleville, Kans.
Nielson, Peter	McPherson, Kans.
Oxley, Oscar	McClave, Colo.
Proffitt, Saloma	Hardin, Mo.
Robinson, Roy	Winoka, Okla.
Shelley, Menno	Manheim, Pa.
Sheets, Grace	Navarre, Kans.
Sandy, Lois	Norborne, Mo.
Sandy, Lillian	Norborne, Mo.
Shirkey, Robert	Norborne, Mo.
Shirkey, Floy	Madison, Kans.
Silvius, Carl	Hope, Kans.
Schermerhorn, Earnest	Edwardsburg, Mich.
Snowberger, John	Larned, Kans.
VanPelt, Luther	Richmond, Mo.
Vogt, Anna	Versailles, Mo.

Williams, Albert	Thomas, Okla.
Yoder, Loretta	Conway, Kans.

COLLEGE BIBLE.

Anderson, Alma	McPherson, Kans.
Brubaker, Roy	Conway, Kans.
Brubaker, Ruth	Protection, Kans.
Brandt, Paul	McPherson, Kans.
Boone, A. R.	Lyons, Kans.
Bowman, Jos.	Quinter, Kans.
Dannelly, Paul	McPherson, Kans.
Eagle, Eldon	Morrill, Kans.
Eshelman, C. A.	McPherson, Kans.
Evans, Galen	Juniata, Neb.
Forney, Clyde	Kansas City, Kans.
Flora, Susie	Overbrook, Kans.
Hildebrand, Myrtle	Mound City, Mo.
Hoerner, Alice	McPherson, Kans.
John, Alice, Mrs.	McPherson, Kans.
Jones, Galen	McPherson, Kans.
Kimmel, Lester	Larned, Kans.
Kinzle, William	McPherson, Kans.
Klepinger, Myrl	Kansas City, Mo.
Miller, Mannie	Galva, Kans.
Maxcy, C. C.	Morrill, Kans.
Mohler, F. E.	Leeton, Mo.
Martin, Scott	Lamar, Colo.
McGaffey, Edith	Abilene, Kans.
Pitser, Alice	Cordell, Okla.
Rowe, May	Richmond, Kans.
Snader, Fayanna	Santa Ana, Cal.
Swanson, Nina	McPherson, Kans.
Sloniker, J. R.	Lovewell, Kans.
Teeter, Nina	Larned, Kans.
Ullom, Lulu	Lamar, Colo.
Vogt, Alice	Versailles, Mo.
Vaniman, Wilber	McPherson, Kans.
Williams, Mrs. Lorena	Custer, Mich.
Young, J. E.	Beatrice, Neb.

ACADEMY BIBLE.

Andes, Orpha	McPherson, Kans.
Beshore, Edith	Murdock, Kans.
Blickenstaff, Ermal	Quinter, Kans.
Blickenstaff, Miles	Quinter, Kans.
Bowman, Edmond	Hardin, Mo.
Bowman, Laura	Hardin, Mo.
Brubaker, DeWitte	McPherson, Kans.
Brubaker, Crawford	Conway, Kans.
Brubaker, Bessie	Cloud Chief, Okla.
Buckman, John	McPherson, Kans.
Burkholder, Blanche	Octavia, Neb.
Clark, Fay	McPherson, Kans.
Crumpacker, Lenard	McPherson, Kans.
Day, Della	Elyria, Kans.

Eshelman, C. A.	McPherson, Kans.
Eichenberger, Cedric	Leoti, Kans.
Evans, Galen	Juniatta, Neb.
Fora, Susie	Overbrook, Kans.
Frantz, Harrison	Holmesville, Neb.
Folger, Carleton	McPherson, Kans.
Gauby, Calvin	Morrowville, Kans.
Heckman, Letha	Chanute, Kans.
Hoffert, Phebe	Carleton, Neb.
Hogan, Howard	Norborne, Mo.
Hulse, Charles	Haxtun, Colo.
John, Rockla	Byers, Kans.
John, Ruth	McPherson, Kans.
Jones, Herman	Avery, Mo.
King, Mayme	Larned, Kans.
Kinzie, Albert	Haxtun, Colo.
Lehman, Ralph	Carleton, Kans.
Lopp, Ethel	Fairfield, Mo.
Merkey, Ella	Portis, Kans.
Merkey, George	Portis, Kans.
Merkey, Sam	Cloud Chief, Okla.
Moore, Lebland	McPherson, Kans.
Moors, Melvin	McPherson, Kans.
Mugler, Carrie	McPherson, Kans.
Muse, Marguerite	McPherson, Kans.
Muse, Marion	McPherson, Kans.
Naylor, Lewis	McPherson, Kans.
Oxley, Charles	Portis, Kans.
Pair, Amy	McClave, Colo.
Pollock, Mrs. Myrtle	Beatrice, Neb.
Rexroad, Edward	McPherson, Kans.
Riddlebarger, Callie	Darlow, Kans.
Sherfy, Mary	Nampa, Idaho
Sherfy, Nina	Mont Ida, Kans.
Smith, Carrie	Mont Ida, Kans.
Tousley, Emma	Bloom, Kans.
Vanman, Pauline	Crystal, Mich.
VanPelt, Luther	McPherson, Kans.
Williams, Albert	Richmond, Mo.
	Thomas, Okla.

DOMESTIC SCIENCE.

Anderson, Alma	McPherson, Kans.
Boyd, Bertha	Cordell, Okla.
Breon, Jessie	Portis, Kans.
Bowser, Gladys	Abilene, Kans.
Barnhart, Alda	McPherson, Kans.
Bowman, Mrs. Samuel	Quinter, Kans.
Brubaker, Fern	Cloud Chief, Okla.
Daggatt, Mary	Covert, Kans.
Ebaugh, Ione	McPherson, Kans.
Eshelman, Mrs. C. A.	McPherson, Kans.
Entrikeln, Grace	Abilene, Kans.
Flora, Susie	Overbrook, Kans.

Frantz, Ida	Holmesville, Neb.
Frantz, Mrs. Lela	Holmesville, Neb.
Frantz, Mrs. Lottie	Holmesville, Neb.
Frantz, Edna	Protection, Kans.
Fox, Mrs. Mary Eller	Larned, Kans.
Forney, Edith	Kansas City, Kans.
Gauby, Mamie	Morrowville, Kans.
Glick, Veva	Soldiers Grove, Wis.
Heckman, Modena	Overbrook, Kans.
Holmes, Olive	Carthage, Mo.
Hollar, Clara	Hardin, Mo.
Ikenberry, Bertha	Quinter, Kans.
John, Mrs. Chaucer	McPherson, Kans.
Kelm, Vergie	McPherson, Kans.
Lapp, Ethel	Fairfield, Mo.
Merkey, Ella	Portis, Kans.
Mugler, Martha	McPherson, Kans.
McAvoy, U. A.	Thomas, Okla.
Miller, Leah	Alvo, Neb.
Naylor, Mrs. Vergie	Portis, Kans.
Nehar, Lota	McCune, Kans.
Nehar, Ruby	Leeton, Mo.
Pitzer, Alice	Cordell, Okla.
Sandy, Lillian	Norborne, Mo.
Sandy, Lois	Norborne, Mo.
Sherfy, Mary	Mont Ida, Kans.
Smith, Carrie	Bloom, Kans.
Tousley, Emma	Crystal, Mich.
Teeter, Ruby	Larned, Kans.
Wagner, Anna	Portis, Kans.
Weddell, Della	Minneola, Kans.
White, Ester	Newton, Kans.

AGRICULTURE STUDENTS.

Baker, Lawrence	Belleville, Kans.
Blickenstaff, Carl	Quinter, Kans.
Bowman, Edmond	Norborne, Mo.
Bowman, Louis	Quinter, Kans.
Bowman, Roy	Norborne, Mo.
Breckbill, Martin	Ramona, Kans.
Brubaker, Dewitt	McPherson, Kans.
Brubaker, Roy	Conway, Kans.
Brubaker, Warnie	Cloud Chief, Okla.
Buckman, John	McPherson, Kans.
Colebank, Sidney	Brockett, N. D.
Coover, Paul	Broken Arrow, Okla.
Crumpacker, Loyd	McPherson, Kans.
Delp, Lester	Murdock, Kans.
Dotter, Clinton	McPherson, Kans.
Eller, John	Larned, Kans.
Engstrom, Harold	McPherson, Kans.
Evans, Galen	Junlatta, Neb.
Falls, William	Hardin, Mo.
Fillmore, Elmer	Cushing, Okla.
Folger, Carleton	McPherson, Kans.

Hogan, Howard	Norborne, Mo.
Hulse, Charley	Haxtun, Okla.
Ikenberry, Earnest	Quinter, Kans.
Kinzle, Albert	Haxtun, Colo.
Kinzle, Archie	McPherson, Kans.
McAvoy, R. B.	Thomas, Okla.
McBride, Clarence	Dunavant, Kans.
Merky, George	Portis, Kans.
Moyer, Albert	Portis, Kans.
Neber, Roy	McCune, Kans.
Orr, Clay	Plattsburg, Mo.
Oxley, Charles	McClane, Colo.
Peel, Henry	McPherson, Kans.
Rexroad, Edward	Darlow, Kans.
Rump, August	Conway, Kans.
Shirkey, John	Madison, Kans.
Shirkey, Robert	Norborne, Mo.
Sitts, Chester	McPherson, Kans.
Sylvius, Carl	Hope, Kans.
Vaniman, Lawrence	McPherson, Kans.
Vaniman, Ray	Cordell, Okla.
VanPelt, Luther	Hardin, Mo.
VanPelt, Edward	Richmond, Mo.
Wickman, Carl	Guide Rock, Neb.
Wilke, Clarence	Inman, Kans.
Williams, Albert	Thomas, Okla.

SENIOR EXPRESSION.

Smith, Carrie	Bloom, Kans.
Durst, Mary	Moundridge, Kans.
Cullen, Ray	Beatrice, Neb.

JUNIOR EXPRESSION.

Brubaker, Crawford	Conway, Kans.
Berg, Bertha	Cordell, Okla.
Brubaker, David	Fruita, Colo.
Brubaker, Mabel	Protection, Kans.
Bowman, Ida	Quinter, Kans.
Daron, Zelma	Groveland, Kans.
Evans, Galen	Beatrice, Neb.
Eller, Edna	Larned, Kans.
Engle, Howard	Ableene, Kans.
Eshelman, Greta	Red Cloud, Neb.
Flora, Sue	Overbrook, Kans.
Horton, Gilberta	McPherson, Kans.
Hennard, Mrs.	McPherson, Kans.
Hoffman, Irene	Morrill, Kans.
Keim, Vergie	McPherson, Kans.
Mannon, Berdie	Gypsum, Kans.
Moore, Eunice	McPherson, Kans.

SPECIAL EXPRESSION.

Sitts, Chester	McPherson, Kans.
Blickenstaff, Martha	Quinter, Kans.
Frantz, Edna	Lyons, Kans.

Kasey, Lillian	McPherson, Kans.
Miller, Leah	Alva, Kans.
Orr, Clay	Plattsburg, Mo.
Cripe, Eunice	McPherson, Kans.

VOICE CULTURE.

Barnhart, Aida	McPherson, Kans.
Beery, Ruth	DeBeque, Colo.
Berkebile, Virgil	McPherson, Kans.
Boone, A. R.	Lyons, Kans.
Boone, Adra	Lyons, Kans.
Bowman, Louis	Quinter, Kans.
Blickenstaff, Martha	Quinter, Kans.
Blickenstaff, Mrs. Miles	Quinter, Kans.
Burkholder, Blanche	Octavia, Neb.
Brechbill, M. D.	Ramona, Kans.
Brubaker, Mrs. Harvey	Bloom, Kans.
Colebank, Sidney	Bracket, N. D.
Cullen, Ray	Beatrice, Neb.
Culler, Mrs. A. J.	McPherson, Kans.
Dannelley, Paul	McPherson, Kans.
Detter, C. A.	McPherson, Kans.
Diehl, Leslie	McPherson, Kans.
Doerksen, Justina	McPherson, Kans.
Durst, Mary	Moundridge, Kans.
Engle, Eldon	Morrill, Kans.
Engle, J. Howard	Abilene, Kans.
Eshelman, Greta	Red Cloud, Neb.
Flickner, E. E.	Moundridge, Kans.
Frantz, Edna	Protection, Kans.
Frantz, Lowell	Conway Springs, Kans.
Girard, Edward	Windom, Kans.
Goering, Jonas	Galva, Kans.
Goering, John	Galva, Kans.
Goering, Joseph	Galva, Kans.
Goering, Mary	Galva, Kans.
Gray, Mrs. C. M.	Canton, Kans.
Haus, Nina	McPherson, Kans.
Hawley, Irene	McPherson, Kans.
Heaston, Gladys	McPherson, Kans.
Higgins, Bertha	McPherson, Kans.
Hoffman, Irene	Morrill, Kans.
Ikenberry, Ernest	Quinter, Kans.
Ingram, Cora	Canton, Kans.
Ingram, Lester	Canton, Kans.
John, Bernice	Byers, Kans.
John, Mrs. Chaucer	Byers, Kans.
Jones, Galen	McPherson, Kans.
King, Mayme	Larned, Kans.
Kinzie, Albert	Haxtun, Colo.
Knaus, Constance	McPherson, Kans.
Lieb, Kathryn	McPherson, Kans.
Manon, Birdie	Gypsum, Kans.
Martin, Scott	Lamar, Colo.

Marsh, Amy	McPherson, Kans.
Maxcy, C. C.	Morrill, Kans.
Maxcy, J. W.	Morrill, Kans.
Maltby, Margaret	McPherson, Kans.
McBride, P. E.	McPherson, Kans.
McCamman, Mrs. J. C.	McPherson, Kans.
Miller, Dorothea	Galva, Kans.
Miller, Grace	Canton, Kans.
Mishler, Floyd	Conway, Kans.
Morse, Mary	Galva, Kans.
Nebr, Grace	Barnum, Minn.
Oxley, Mrs. Charles	McClave, Colo.
Riddlebarger, Calle	Nampa, Idaho
Schrag, E. W.	Moundridge, Kans.
Shoemaker, Ruth	Plattsburg, Mo.
Simonson, Ethel	McPherson, Kans.
Strickler, Mrs. J. W.	Canton, Kans.
Studebaker, Fern	McPherson, Kans.
Swanson, G. O.	McPherson, Kans.
Thomas, Kathryn	Red Cloud, Neb.
Vaniman, Wilbur	McPherson, Kans.
Verink, E. D.	McPherson, Kans.
White, Ida	Hesston, Kans.
Williams, Ruth	Plattsburg, Mo.
Wilson, Claude	Canton, Kans.
Wilson, J. W.	Canton, Kans.
Zerger, Benjamin	Moundridge, Kans.

COLLEGE MUSIC.

John, Chaucer	McPherson, Kans.
Vaniman, Pauline	McPherson, Kans.

NORMAL.

Blickenstaff, Martha	Quinter, Kans.
Durst, Mary	Moundridge, Kans.
Fesser, Alma	Conway, Kans.
Hanson, Mildred	McPherson, Kans.
Hill, Lola	McPherson, Kans.
Joseph, Ethel	McPherson, Kans.
Kasey, Lillian	McPherson, Kans.
Muse, Edith	McPherson, Kans.
Muggler, Minnie	McPherson, Kans.
Roberts, Evelyn	McPherson, Kans.
Shoemaker, Ruth	Plattsburg, Mo.
Stevens, Maud	Galva, Kans.
Swanson, Alfred	McPherson, Kans.
Sellberg, Iny	McPherson, Kans.
Vaniman, Roena	McPherson, Kans.
Wilke, Lillie	McPherson, Kans.
Williams, Ruth	Plattsburg, Mo.
White, Esther	Hesston, Kans.

PREPARATORY.

Armstrong, Ruth	McPherson, Kans.
Allison, Marianne	McPherson, Kans.
Berkeley, Leila	McPherson, Kans.
Blondefield, Lola	McPherson, Kans.
Brubaker, Fern	Cloud Chief, Okla.
Bruer, Marion	McPherson, Kans.
Bowman, Ida	Quinter, Kans.
Bowman, Louis	Quinter, Kans.
Bowman, Laura	Hardin, Mo.
Colburn, Marcella	McPherson, Kans.
Clark, Fay	McPherson, Kans.
Engstrom, Selma	McPherson, Kans.
Gauby, Calvin	Morrowville, Kans.
Graig, Eanial	Canton, Kans.
Garrealt, Ruth	McPherson, Kans.
Garrealt, Hazel	McPherson, Kans.
Glick, Veva	Soldiers Grove, Wis.
Gauby, Mamie	Morrowville, Kans.
Harily, Nellie	McPherson, Kans.
Heaston, Gladys	McPherson, Kans.
Hollar, Mae	Hardin, Mo.
Hill, Frank	McPherson, Kans.
Hollar, Clara	Hardin, Mo.
Hoffert, Phebe	Carleton, Neb.
Henard, Mrs. J. A.	McPherson, Kans.
Hanson, Mildred	McPherson, Kans.
Hodge, Lola	McPherson, Kans.
Johnson, Irene	McPherson, Kans.
Jensen, Mary	McPherson, Kans.
Jensen, Mildred	McPherson, Kans.
Kinsie, Lola	McPherson, Kans.
Kaufman, Ida	Moundridge, Kans.
Lopp, Ethel	Fairfield, Mo.
McClain, Francis	McPherson, Kans.
McClain, Clara	McPherson, Kans.
Mannon, Berdie	Gypsum, Kans.
Moors, Eunice	McPherson, Kans.
McDonald, Agnes	McPherson, Kans.
Pancost, Gladys	McPherson, Kans.
Pair, Amy	Beatrice, Neb.
Price, Arthur	McPherson, Kans.
Robb, Albert	McPherson, Kans.
Russell, Mrs. J. C.	McPherson, Kans.
Schafer, Sidonie	McPherson, Kans.
Studebaker, Bertha	McPherson, Kans.
Studebaker, Opal	McPherson, Kans.
Toews, Phyllis	McPherson, Kans.
Tipton, Nellie	McPherson, Kans.
Zerger, Ben	Moundridge, Kans.

VIOLIN.

Mr. Folgren	McPherson, Kans.
Miss Gidman	McPherson, Kans.
Miss Jensen	McPherson, Kans.

Miss Heaston	McPherson, Kans.
Mr. Martin	Lamar, Colo.
Mrs. Reley	McPherson, Kans.
Mr. Spencer	McPherson, Kans.
Mr. Studebaker	McPherson, Kans.
Miss Teeter	Larned, Kans.

SPECIAL ART STUDENTS.

Bart, White, Mrs.	McPherson, Kans.
Bonesteel, Mrs.	McPherson, Kans.
Dresher, Pearl	McPherson, Kans.
Harnly, Mrs. H. J.	McPherson, Kans.
Harnly, Morris	Chicago, Ill.
Johnson, Glynn	McPherson, Kans.
Knaus, Violet	McPherson, Kans.
Russel, Mrs. J. C.	McPherson, Kans.
Sisler, Fay	Richmond, Kans.
Swope, Mrs.	McPherson, Kans.
Studebaker, Fern	McPherson, Kans.
Whitmore, Mrs.	McPherson, Kans.

DRAWING CLASS.

Andes, Orpha	McPherson, Kans.
Breon, Jessie	Portis, Kans.
Clark, Fay	McPherson, Kans.
Day, Della	Elyria, Kans.
Engle, Howard	Abilene, Kans.
Gatz, Rosa	Conway, Kans.
Kleoffner, Eva	Ramona, Kans.
Mishler, Irene	Conway, Kans.
Miller, Leah	Alvo, Kans.
Muse, Marion	McPherson, Kans.
Moore, Leland	McPherson, Kans.
Muse, Marguerite	McPherson, Kans.
Mugler, Carrie	McPherson, Kans.
Smith, Carrie	Bloom, Kans.
Tousley, Emma	Crystal, Mich.
Tom, Fern	Lamar, Colo.
Weddle, Della	Bloom, Kans.
Yoder, Loretta	Conway, Kans.

COMMERCIAL STUDENTS.

Bailey, Clarence	Morrill, Kans.
Barringer, Leroy	Lovewell, Kans.
Burger, Chris	Thomas, Okla.
Bell, Wilber	Burr Oak, Kans.
Baldwin, Wilbur	McPherson, Kans.
Blickenstaff, Carl	Quinter, Kans.
Barnhart, O. S.	McPherson, Kans.
Decker, Leslie	Moundridge, Kans.
Finrock, Glen	Darlow, Kans.
Freeburg, A. A.	McPherson, Kans.
Folger, Carleton	McPherson, Kans.
Forehand, Buel	Gester, Mo.
Falls, W. M.	Hardin, Mo.

Grant, Eric	McPherson, Kans.
Henard, J. A.	Rocky Ford, Colo.
Hollar, Clara	Hardin, Mo.
Heckman, Letha	Chanute, Kans.
Hulse, Charles	Haxton, Colo.
Johnson, Tober	McPherson, Kans.
Kinsie, Albert	Haxton, Colo.
Kinsie, Archie	McPherson, Kans.
Kleophfer, Eva	Ramona, Kans.
Kinsinger, Harold	McPherson, Kans.
Lindblad, Leonard	McPherson, Kans.
Lacquement, Fabian	Canton, Kans.
Manon, Berdie	Gypsum, Kans.
Marlow, Myrtle	Belville, Kans.
Mishler, Irene	Conway, Kans.
McClelland, Hervey	McPherson, Kans.
Musé, Kenneth	McPherson, Kans.
Moody, Jesse	McPherson, Kans.
McBride, Clarence	Dunavant, Kans.
McAvoy, R. B.	Thomas, Okla.
Nelson, Peter	McPherson, Kans.
Oxley, Oscar	McClave, Colo.
Pair, Paul	Beatrice, Neb.
Shaw, Lester	Macksville, Kans.
Swanson, G. O.	McPherson, Kans.
Sheets, Grace	Narvarre, Kans.
Schermerhorn, Earnest	Edwardsburg, Mich.
Vogt, Hazel	Versailles, Mo.
Wilson, C. E.	Canton, Kans.

SHORTHAND AND TYPEWRITING.

Baldwin, Wilbur	McPherson, Kans.
Berg, Rhea	McPherson, Kans.
Blickenstaff, Carl	Quinter, Kans.
Burger, Chris	Thomas, Okla.
Decker, Leslie	Moundridge, Kans.
Finrock, Glenn	Darlow, Kans.
Hensley, Pearl	McPherson, Kans.
Hoffman, Paul	Abilene, Kans.
Kleopfer, Evangeline	Ramona, Kans.
Liddell, Howard	Ramona, Kans.
Lindblad, L. D.	McPherson, Kans.
McMurray, Loren	McPherson, Kans.
Mannon, Berdie	Gypsum, Kans.
Shaw, Lester	Macksville, Kans.

SPECIAL STUDENTS.

Burkholder, Blanche	Octavia, Neb.
Blickenstaff, Ermal	Quinter, Kans.
Curtis, Iva	McPherson, Kans.
Detter, Clinton	McPherson, Kans.
Eshelman, Clarence	McPherson, Kans.
Frantz, Ida	Holmesville, Neb.
Frantz, Earl	Holmesville, Neb.
Frantz, Harrison	Holmesville, Neb.

Henard, Mrs. J. A.	McPherson, Kans.
Kinsie, Willa.	McPherson, Kans.
Kelm, Virgie	McPherson, Kans.
Moyer, Albert	Portia, Kans.
Manon, Berdie	Gypsum, Kans.
Price, Arthur	McPherson, Kans.
Watson, Mrs. Inez	McPherson, Kans.

SUMMER SCHOOL STUDENTS.

Adrian, Abe.	Kuben, Elsie.
Allen, Creta.	Klassen, John.
Adema, Katie.	Ledington, Hazel.
Bargen, Bertha.	Leib, Kathryn.
Beam, Marna.	Lattscher, Esther.
Buckman, John.	Mohler, F. E.
Brandt, Ellwood.	Miller, Rhua.
Bengston, Rhoda.	Moddelmog, Rebecca.
Berkebile, Esther.	Mishler, Vern.
Brown, Della.	Matson, Tillie.
Blad, Olive.	McSam, Maggie.
Dannely, Paul.	McMurray, Viola.
Darrah, Bess.	Moyer, Edna.
Elbert, Maude.	Pancoast, Gladys.
Fasnacht, Naomi.	Peterson, Adelia.
Fronzen, Mr.	Regier, D. C.
Gorbert, Fay.	Snader, Fayanna.
Galle, Kurt.	Sprouse, Marjorie.
Hoerner, Alice.	Stiles, Ira.
Hiegenfeld, Martha.	Stuky, Rachel.
Hultgren, Lyda.	Swanson, Nina.
Harms, Margaret.	Straka, Anna.
Higgins, Bertha.	Smyres, Mae.
Heckethorn, Mabel.	Thessen, John.
Heckethorn, Marguerite.	Tilotson, Emma.
Hawkinson, Helen.	Thomas, Kathryn.
Husband, Myron.	Toever, Esther.
Helme, Bernice.	Troyer, S. J.
Harry, Elizabeth.	Ullom, Lulu.
Hawkinson, Mary.	Vogt, Alice.
Isaac, Hedwig.	Voth, Minnie.
Johnson, Glenn.	Wendt, A. H.
Jensen, Mildred.	Williams, Minnie.
Jones, Medora.	Watkins, Earl.
Johnson, Lillian.	Yoder, Dayton.
Joseph, Mabel.	Zimmerman, Altha.
Johnson, Phyllis.	

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