

SERIES XVI

FEBRUARY, 1917.

NUMBER 1.

**BULLETIN**  
OF  
**McPHERSON COLLEGE**  
CATALOGUE NUMBER



*Life and Light. — John 1:4*

PUBLISHED BY  
**McPHERSON COLLEGE**  
McPHERSON, KANSAS

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

Entered as second class matter Feb. 16, 1913, at the post-office at McPherson, Kansas, under the Act of July 16, 1894.



CAMPUS ENTRANCE

# CALENDAR

1927

- June 6,—Monday, Registration for eight weeks Summer Session at McPherson.
- June 13,—Monday, Registration for twelve weeks Summer Session at Palmer Lake, Colorado.
- Sept. 5-6,—Monday and Tuesday, Registration for first semester.
- Sept. 7,—Wednesday, first semester begins, opening address, 10:00 a. m.
- Nov. 24-25,—Thursday and Friday Thanksgiving recess.
- Dec. 21,—Wednesday 4:30 p. m., Christmas recess begins.

1928

- Jan. 3, 1928—Tuesday, 10:30 p. m., Christmas recess ends.
- Jan. 19-20-21,—First semester final examinations.
- Jan. 22-29,—Bible Institute.
- Jan. 23-24,—Monday, 9:00 a. m. and Tuesday, registration for second semester.
- Jan. 25,—Wednesday, 8:00 a. m., second semester begins.
- May 18,—Friday, 8:00 p. m., Piano Recital.
- May 21-22-23,—Second semester final examinations.
- May 19,—Saturday, 8:00 p. m., President's Reception to College Seniors.
- May 20,—Sunday, 8:00 p. m., Baccalaureate Sermon.
- May 24,—Thursday, Class Day.
- May 25,—Thursday, 6:30 p. m., Alumni Reunion.
- May 26,—Friday, 10:00 a. m., Fortieth Annual Commencement

## BRETHREN EDUCATIONAL BOARD

- D. W. Kurtz, President..... McPherson, Kan.
- J. S. Noffsinger, Sec.-Treas.....  
.....211 W. 102 St., New York City.
- John S. Flory..... Bridgewater, Va.
- J. W. Lear..... 3435 W. Van Buren St., Chicago, Ill.

**BOARD OF TRUSTEES**

President D. W. Kurtz, Ex-officio.

**TERM EXPIRES 1927**

Western Colorado and Utah, Elder S. Z. Sharp,  
Fruita, Colorado.

Southern Mo.,.....Elder Ira Witmore, Carthage, Mo.  
Nebraska..... Stephen Miller, Carleton, Neb.  
Idaho and W. Montana.....

.....Elder H. G. Shank, Fruitland, Ida.

S. W. Kan.,.....F. A. Vaniman, McPherson,  
Kan., and Ernest Wall, McPherson, Kan.

Alumni Trustee, Eld. Paul K. Brandt, St. John, Kan.  
E. Colo.,.....I. C. Snavely, Haxton, Colorado.

**TERM EXPIRES 1928**

Northeastern Kansas...L. J. Smith, Morrill, Kansas.

Southeastern Kan., Elder B. S. Miller, Altamont, Kan.

Middle Mo.,...Elder James M. Mohler, Leeton, Mo.

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

**TERM EXPIRES 1929**

Northern Mo., Elder H. R. Hostetter, Plattsburg, Mo.

Oklahoma, E. S. Weaver,.....Clovis, N. Mex.

N. W. Kan., .....Elder Roy A. Crist, Quinter, Kan.

S. W. Kan., Elder J. J. Yoder, McPherson, Kan., and  
John Beaver, Kismet, Kansas.

**EXECUTIVE COMMITTEE OF THE BOARD**

Strohm, Yoder, Vaniman, Harnly, Wall, Kurtz

**OFFICERS OF THE BOARD**

R. C. Strohm,.....President

Roy A. Crist.....Vice-President

H. J. Harnly.....Secretary

F. A. Vaniman.....Treasurer

J. J. Yoder.....Business Manager

## FACULTY FOR 1927-1928

(Arranged, with the exception of the President in order of seniority of membership.)

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

A. B., 1885, Juniata College B. D., magna cum laude 1888; Yale; A. M., 1908 Yale; student in universities of Leipzig, Berlin, and Marburg; D. D., 1911, Juniata College; President of the College, Professor of Philosophy and Theology, 1914\*

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

B. S., 1891; A. M., 1892, Illinois Wesleyan; A. B., 1893, Harvard; Ph. D., 1898, Illinois Wesleyan; Special student in Leland Stanford Junior University, 1910-1911; World Tour, 1920-1921.

Vice-President of the College; Professor of Physiology, Economics, Geology, 1925, 1926.

### JOSEPH J. YODER, A. B.

A. B. 1912, McPherson College; World Tours 1920-1921 and 1926-1927.

Graduate student University of Chicago, two summers.

Professor of Social Science, 1914, 1915.

Business Manager of the College, 1911.

### JOHN ALVIN BLAIR, A. M.

A. B., 1917, A. M., University of Kansas.

Professor of Education and Psychology; Registrar, 1918; 1919.

### ROBERT ELLSWORTH MOHLER, M. S.

B. S. D., 1907, McPherson College, A. B. 1912, Mt. Morris College; Michigan Agricultural College, 1913; M. S. 1917, Kansas State Agricultural College; Graduate student University of Wisconsin, 1925.

Dean of College; Professor of Agriculture, 1925, 1926

### JESSIE BROWN, B. M.

Diploma from Bethany Conservatory, 1907; B. M., 1910, Bethany; Piano instructor in Bethany, 1908-1912; Student in Royal Conservatory, Leipzig, Germany, 1912-1914

Director of Piano Department, 1916. Dean of Music.

### J. HOWARD FRIES, A. B.

Graduate Cambrian Business College, Johnstown, Pa., 1912;

A. B. McPherson College, 1925; Assistant Business Manager, 1910, 1916.

### JOHN WILLARD HERSHEY, M. S., Ph. D.

B. S., 1907; M. S., 1910, Pennsylvania College; graduate student in Harvard, 1907-1908; John Hopkins, 1911-1912; Ph. D., 1924, University of Chicago.

Professor of Chemistry, 1918.

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

**MARY EDITH McGAFFEY, A. M.**

A. B., 1918 McPherson College; A. M., 1919 University of Kansas; graduate student University of Chicago, summers 1921 and 1923. Dea of Women 1927  
Professor of English, 1919.

**MAURICE A. HESS, A. M.**

Graduate Cumberland Valley Normal, 1908; A. B., 1911 Ursinus College; A. M., 1917 University of Pa.  
Debate Coach and Professor of Latin 1925, 1919.

**HARVEY HARLOW NININGER, A. M.**

A. B., 1914, McPherson College; A. M., 1916 Pomona College; graduate student University of California, summer 1918. Traveling Professor, Naturalist and Lecturer, 1927, 28.  
Professor of Biology and Curator of the Museum, 1920.

**GEORGE NICHOLAS BOONE, A. B., M. S.**

A. B. 1921 McPherson College; graduate student Kansas State Teachers' College, 1923; M. S., University of Wisconsin, 1925.  
Professor of Industrial Education, 1923.

Physical education, Expression, and Dramatic Art, to be supplied.

**MAYME E. WELKER, B. S. in Ed., A. B.**

B. S., in Ed., 1923 Central Missouri State Teachers College;  
A. B., 1924 University of Kansas.  
Professor of Home Economics, 1924.

**MARGARET HECKETHORN, A. B.**

A. B., 1924 McPherson College.  
Librarian, 1924. Graduate work, summer 1925, Fort Collins, Colo.

**G. LEWIS DOLL, B. M.**

Kirkville, Mo., State Teachers College, 1911-14; W. B. Kimmer, Larned, Kansas, 1914-19; B. M., 1922, Bethany College; assistant to Arthur E. Ube, Bethany 1921-22; post graduate study under Arthur E. Ube, 1923-24; A. G. Ogren Co., Rockford, Illinois, publishers of compositions.  
Professor of Viola and Theory and Director of Orchestra, 1924.

**JOHN L. HOFF, A. B., B. D., A. M.**

A. B., 1921, Manchester College; B. D., 1923, Bethany Bible School; A. M.; 1924 Northwestern University. Residence work completed for the Ph. D. degree at Northwestern University. Teacher of Religious Education in Bethany Bible School, 1924-25.  
Professor of Religious Education, 1925.

**FERN LINGENFELTER, B. M.**

B. M., 1925 McPherson College. Student in piano under Thorson and Lofton Bethany Conservatory, Lindsborg, Kansas. Student with Miesner in Public School Music and Raab in Piano, Chicago Musical College, Chicago, Illinois. Instructor in piano, 1925. Public School Music 1927.

**GEORGE D. GARDNER, A. B.**

A. B., 1923, Southwestern College, Summer School, University of Illinois, 1923 Director of Athletics, Physical Training and Coach, 1925.

**B. O. MILLER, A. B., A. M.**

A. B., 1923, Bridgewater College, A. M., 1924, University of Virginia. Professor of Commerce, 1926.

**JOSEPH L. BOWMAN, A. B., M. S.**

A. B., 1918, McPherson College; M. S., 1924, University of Chicago. Professor of Mathematics and Physics, 1926.

**J. DANIEL BRIGHT, A. M.**

A. B., 1922, Manchester College; A. M., 1925, University of Wisconsin. Professor of History and Political Science, 1926. Dean of Men, 1926.

**CECIL B. WILLIAMS, B. S., M. S.**

B. S., 1926, Oklahoma A. and M. College; graduate student Oklahoma University summer 1926; M. S., Oklahoma A. and M., College 1927. Associate Professor of English 1926.

**LOUIS A. UTRECHT, A. B.**

A. B., 1923, Indiana University; Graduate student State University of Iowa summer of 1924.; University of Chicago summers of 1925 and 1926. Professor of German and French, 1926.

**MILDRED FIKE, A. B.**

A. B., McPherson, 1927. Instructor in French 1928.

**MRS. IVA GILSON, B. M.**

McPherson College. Sherwood Conservatory, student of Silber and Podalsky. Piano 1927.

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

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

**MRS. HAZEL AUSTIN, A. B.**

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

*L. H. ...*

*H. ...*

ANNUAL CATALOGUE

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LORA TROSTLE

Matron, 1915

Field Secretary

To be supplied



## COMMITTEES OF THE FACULTY

(The member whose name appears first in in each instance the chairman, and the President of the College is ex-officio a member of all committees.)

Administration—Kurtz, Yoder, Harnly, Mohler.

~~X~~ Publication—(Harnly), Mohler, (McGaffey), Fries.

Classification and Curriculum—Mohler, Harnly, Blair.

Library—Hess, McGaffey, Hoff, Heckethorn.

Athletics—Boone, Fries, Mohler, Miller.

Advertising—Fries, Yoder, Harnly.

Social—Welker, Yoder.

Discipline—Mohler, Yoder, Bright, the Matron.

Student Welfare—Hershey, Boone.

Appointments (Teachers)—Blair.

Student Council—Boone, Williams.

Health—Harnly, Welker, Matron.

Schedule—Blair, Bowman.

Chapel—Hershey, Hoff, Lingenfelter.

Lecture Course—Kurtz.

Director of Religious Extension—Hoff, Mohler.

Registrar—Blair.

Curator of the Museum—Nininger, Harnly.

Secretary of the Faculty—Hoff.

Calendar—Fries.

Field Secretary—To be supplied.

Advisor to Freshmen—Boone.

Bible Institute—Hoff, Richards.

## 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 about five thousand people, and is the seat of government of McPherson County. It is a city of prosperous merchants, beautiful homes, parks, and shade trees, and is surrounded by waving fields of wheat, corn, and alfalfa. The climate is mild and healthful.

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

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.

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

## HISTORY

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

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

## IMPORTANT DATES

- 1887—School Committee appointed at Annual Conference held at Ottawa, Kansas.
- 1888—Fahnestock Hall built, and foundation laid for Sharp Administration building.
- 1888—School opened.
- 1895—Reorganization.
- 1898—Institution named "McPherson College".
- 1901—Sharp Administration building completed.
- 1905—Carnegie Library built.
- 1909—College farm bought.
- 1909—James Richardson donated farm for agricultural purposes.
- 1911—Alumni Gymnasium built.
- 1912—Board of Trustees increased to 15.
- 1913—Election of Trustees by District Conferences.
- 1913—Departments of Agriculture and Home Economics organized.
- 1915—New Heating Plant built.

- 1916—Arnold Hall built.  
 1917—Completion of \$225,000 endowment.  
 1919—Erection of Kline Hall.  
 1921—Accredited with North Central Association  
 of Colleges and Secondary Schools.  
 1922—Harnly Hall Completed.  
 1924—Department of Commerce Organized.  
 1927—Membership in The Association of American  
 Colleges.

#### **PRESIDENTS OF McPHERSON COLLEGE**

- S. Z. Sharp, A. M., 1888—1896.  
 C. E. Arnold, A. M., 1896—1902.  
 Edward Frantz, A. M., D. D., 1902—1910.  
 S. J. Miller, A. M., L. H. D., 1910—1911 (acting  
 President.)  
 John A. Clement, Ph. D., 1911—1913.  
 H. J. Harnly, Ph. D., 1913—1914 (acting Presi-  
 dent.)  
 Daniel Webster Kurtz, A. M., D. 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, N. E. Kansas, S. E. Kansas, N. W. Kansas, Nebraska, Northern Missouri, Middle Missouri, Southern Missouri, Oklahoma, Western Colorado and Utah, Idaho and Western Montana, and Eastern Colorado. The trustees, eighteen in number, are all members of the Church of the Brethren, who are influential and aggressive in education. Of the Board, five, constituting an executive committee, have immediate supervision of the school. The president of the College is ex-officio a member of the Board. The Alumni of the college elect one member of the Board.

#### **PURPOSE AND IDEALS**

McPherson College was established in order to provide the young people of the Church of the Breth-

ten with facilities for a thorough Christian education; 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. High ideals of character are constantly held forth, for true education includes both the acquisition of power and the direction of this power to worthy ends. Training for honorable service for humanity and for appreciation of the best things life affords, are ideals distinctly taught.

#### **BRETHREN EDUCATIONAL BOARD**

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

#### **MORAL AND RELIGIOUS INFLUENCES**

The high ideals and principles for which the college itself stands, together with most favorable surroundings, combine to impart to the student life a moral tone of an exceptionally high order. McPherson has two colleges, many live churches, a large and active Y. M. C. A., a public library, and other uplifting agencies. It is freer than the average city or town from vices which are likely to prove pitfalls for young people. McPherson depends for its prosperity upon the rich agricultural community which surrounds it, and consequently, the city is free from the less desirable classes of inhabitants. It is an

ideal college town; just the kind of place in which it is a pleasure to live, and to which it is safe for parents to send their sons and daughters.

In the College, chapel exercises are held, and ~~morning~~ evening devotions 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 New Church each Lord's day. Active young people's societies exert a strong Christian influence upon the students. The teachers, who always determine the religious tone of an educational institution, are Christian men and women, and their daily work is permeated by the Christian spirit.

## MATERIAL EQUIPMENT

### SHARP ADMINISTRATION BUILDING

The main building, finished in 1898, is ninety-four feet wide by one hundred seventeen long, and contains three stories. In this building are the Chapel, recitation rooms, commercial hall, the book store and the Administration offices.

### FAHNESTOCK HALL

The men's dormitory, built in 1888, is a three-story building, with basement, 40 by 100 feet. 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 on each floor. In accordance with the state law, fire escapes are conveniently arranged on the building. A house mother looks after the welfare of her boys.

### 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 comfortable and substantial furniture. This is an ideal home for the girls.

#### KIJNE HALL

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

#### ALUMNI GYMNASIUM

The Gymnasium was erected in 1911. It is a cement block building, 48x76 feet, with basement, main floor and gallery. It has baths, dressing rooms and lockers for both men and women.

#### HARNLY HALL

Harnly Hall, erected in 1922, is one of the best buildings in the state. It is a four story edifice 128x54 feet, built of reinforced concrete and brick. There are fifty rooms. All of the science departments are housed in this commodious structure, as are also the departments of Fine Arts, of History, and the Museum.

#### THE LIBRARY

The Carnegie Library, erected in 1906, furnishes a convenient study hall for the students. It is a two-story building with reading rooms amply equipped for the needs of students. Dictionaries, encyclopedias, general reference work, bound and current magazines are so placed as to be readily available. Over one hundred current periodicals, covering a wide range of interest, may be found in the magazine rooms.

The Readers' Guide to Periodical Literature makes the leading magazine articles available for reference work, while the card catalogue indexes the books in the stack room. All books and much of the pamphlet material are classified by the Dewey Decimal System, which groups them according to subject matter. The Library is kept up-to-date by the addition of over five hundred books annually. Special care is taken by the instructors and Library committee that these additions shall be the most recent authoritative works in the field.

The Library hours are from 8:00 A. M. to 9:00 P. M. every day except Saturday and Sunday, and from 8:00 A. M. to 12:30 P. M. on Saturday.

#### THE MUSEUM

Recent years have witnessed a very rapid growth of our museum. The new quarters in Harnly Hall have made possible a very much more satisfactory arrangement of materials. The magnificent gifts of the classes of 1922 and 1923 have contributed very largely to the growth of our increasingly valuable collections. Thru the generosity of Dr. J. Z. Gilbert of Los Angeles, California, we have secured a number of very rare and valuable specimens. A host of other friends of the institution have contributed valuable collections until at the present time the museum contains several thousand specimens.

Persons who know of specimens which should be preserved in such an institution will do well to communicate with the curator, Prof. H. H. Nininger.

#### MCPHERSON COLLEGE FARM

The College Farm, consisting of 173 acres, is located just south of the Campus. The farm is fully equipped with machinery, buildings, and livestock. It is under the direct management of the department of Agriculture. Many experiment plots are con-



ducted for the benefit of the students of Agriculture, but most of the farm is farmed in large fields, and conducted as a demonstration project. Wheat, oats, corn, kafir, and alfalfa are grown. These crops in connection with a dairy, hogs, and poultry make up the business of the farm.

## LABORATORIES

### AGRICULTURE

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

### BIOLOGY

The material equipment consists of modern microscopes, projection microscopes, stereopticon, bal-opticon, 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.

There is a good 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. 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 run-

HARNLY HALL.





ning streams and many springs are rich in cryptogams and lower animal forms.

The department has a good reference library.

#### CHEMISTRY

The Department of Chemistry occupies the first floor of Harnly Hall, which is a modern fire proof building designed after most approved models of the best scientific buildings in the country. This floor contains a lecture room with a raised floor, seating one hundred and fifty students; a laboratory for general and qualitative analysis, with desks for 112 students to work alone; an advanced laboratory with desks for ~~60~~ students to work individually, and room for desks for ~~60~~ students to be added later; a store room; a large ~~store~~ room; a private laboratory; an office; and a balance room. All the laboratories are equipped with hoods with forced drafts, water, gas, air under pressure, and duplex plugs with push connections in all the hoods and in each table of the advanced laboratory for electrical experiments. The laboratories are equipped with the Matthews gasoline gas plant, and all necessary apparatus for all the courses offered.

#### 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.

#### HOME ECONOMICS

The department is equipped with all the necessary apparatus for general class and laboratory work. The courses of instruction given in this department are planned to meet the needs of those who desire a knowledge of the general principles and facts of Home Economics and those who wish to major in

Home Economics for the purpose of teaching the subject in secondary schools.

#### MANUAL ARTS AND INDUSTRIAL EDUCATION

The Industrial Education Shops occupy six rooms of the basement of Fahnestock Hall. The Manual Training Bench room is equipped with benches, tools, and locker systems that accommodate sixteen students in a class. The machine room contains a variety of machines such as a band saw, universal circular saw, hollow chisel mortiser, a jointer, two turning lathes, a motor driven grinder, drill press and two mechanical sanders. The general tool room contains all of the various types of special tools that have been found necessary for general cabinet work. The drafting room is equipped with six regular drawing tables and with necessary drawing board racks, lockers and blueprinting equipment.

The lumber room contains at all times a fine assortment of kiln dried lumber for cabinet making purposes. In connection with the shops a store is maintained that carries a complete stock of all regular and special hardware that is needed in this type of work. A wide variety of finishes is kept in stock at all times enabling the student to do nearly any type of finished desired. Special effort is taken to keep at hand everything that is ordinarily needed in any phase of Manual Training.

#### PHYSICS

All necessary apparatus is at hand to give properly courses in Physics. An engineers' transit of modern make and accurate construction is a part of the equipment for surveying work. The laboratory is also equipped with an excellent 4-inch astronomical telescope and a set of 100 astronomical slides including the best and latest celestial photographs from the Yerkes Observatory. These lend interest

to work in astronomy and make possible a much more intensive study of the heavens.

## 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, and one from the Fine Arts department. The faculty is represented by two members.

### THE RELIGIOUS ORGANIZATIONS

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

The Student Volunteer Group, commonly called the Mission Band, was organized under the auspices of the Church of the Brethren in 1916. Those preparing for either home or foreign missionary work are eligible to this organization. A prominent feature of this organization is an active mission study group which meets weekly.

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

### LITERARY ORGANIZATIONS

#### THE FORENSIC CLUB

Ample opportunities are offered to every student for the development of the forensic faculties. The Forensic Club meets on alternate Wednesday eve-

nings at 6:30 for programs of debate and oratory. This club provides an opportunity for the development of candidates for the intercollegiate forensic contests.

The College is a charter member of the Kansas Intercollegiate Debating League, organized in 1919. This organization includes eight of the leading colleges of the State. The champion debating team of the State is chosen by a series of elimination debates. In addition to the League contests, other debates are scheduled for the less experienced debaters.

The College is also a member of the Intercollegiate Peace Association, which includes the leading colleges of seventeen states. Prizes are provided for the local oratorical contest of this association. In the State contest, the prizes are \$60 and \$40.00 with equal prizes for the national contest. In 1924, the orator representing McPherson College won first place in the State contest, and second place in the national contest.

#### THE KANSAS INTER-COLLEGIATE ANTI-TOBACCO ASSOCIATION

McPherson College is the pioneer and founder of this association, which was organized in the local institution in 1917 and has since then grown to embrace institutions even beyond the borders of Kansas. The object of the association is to interest students in the scientific study of the effects of tobacco, and to create sentiment against its use. Annual local and inter-collegiate oratorical contests are held, and prizes are awarded to the winners.

#### THE THESPIAN CLUB

The Thespian Club is an organization of classical students for the purpose of promoting a deeper research and a higher appreciation of literature. Furthermore, the club presents a number of the best dramatic productions after careful study and prep-

aration. The work of this organization is under the supervision of the head of the English Department. Candidates for membership are examined by a tryout committee and upon exhibition of special talent and skill are recommended to the organization for membership.

#### THE HISTORY CLUB

Students interested in current issues form a club which meets each alternate week. The head of the History Department sponsors the club, but its membership is not restricted to history majors.

#### THE CHEMISTRY CLUB

The Chemistry Club was organized a few years ago to create and keep up a greater interest in the field of Chemistry. The work of this organization is under the supervision of the head of the department. The club meets every alternate week throughout the year. The only qualifications for its members are a special interest in the subject and willingness to take part in the meetings.

### COLLEGE PUBLICATIONS

#### THE BULLETIN

The College Bulletin is published in February, May, August and November. The February 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.

#### SPECTATOR,

The Spectator, a weekly paper, is published by the Student Council. Every student who pays the incidental fee, gets this paper. To others the subscription price is \$1.25.

#### THE QUADRANGLE

The Quadrangle, published annually by the Stu-



dent Council, is a profusely illustrated history of the school year.

### THE ALUMNI ASSOCIATION

The Alumni Association of McPherson College is composed of all persons who have received diplomas from any department of McPherson College. At the present time it numbers about 1,500. 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 Association has representation on the Board of Trustees.

### ATHLETICS

The Athletic Department is managed by a committee consisting of seven members. The committee is composed of the following: four faculty members, one member from the Trustee Board, one Alumni member, and one student. The Physical Director acts as advisory member on the board. All matters pertaining to athletics in the College are under the direct control of the above committee.

All College Freshmen are required to take Physical Training in one of the regular organized gymnasium classes. Two hours' credit in Physical Training are required for graduation from the College department. Students may be excused from Physical Training work only upon written recommendation from parents, the faculty, or a physician.

The athletic work for men is under the supervi-

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

The athletic field is large, including a track and base ball diamond. A sufficient number of well-kept tennis courts meet the needs of all.

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

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

#### THE W. A. A.

The Woman's Athletic Association sponsors an excellent intra-mural athletic program for the women of the College. Membership is open to all woman students.

#### LIMITATIONS OF COLLEGE ACTIVITIES

In order to obviate the hardship incident to the holding by the student of several offices at the same time, the faculty has made the following groups, indicating the number of such honors which one student may receive.

#### GROUP 1.

- President Mission Band.
- President Y. W. C. A.
- President Y. M. C. A.
- President Student Council.
- Business Manager the Spectator.
- Editor the Spectator.
- Editor the Quadrangle.

## GROUP 2.

Associate Editor the Spectator.  
 Treasurer Student Council.  
 Y. M. C. A. Cabinet members.  
 Y. W. C. A. Cabinet members.  
 President Forensic clubs or musical organizations.  
 Participants in debating contests.  
 Student teachers or assistants.

## GROUP 3.

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

## RULES.

1. No student may hold more than one position in group 1.
2. A student holding a position in group 1 may also hold one position in group 2 and one position in group 3.
3. A student holding one position in group 1 may also hold two positions in group 3, in case he does not also hold a position in group 2.
4. A student may hold two positions in group 2 and one in group 3, or three in group 3 and one in group 2.
5. It is suggested that so far as possible officers do not succeed themselves.
6. The faculty committee on the Student Council shall enforce these rules.

## THE EXTENSION DEPARTMENT

McPherson College is attempting through this department to be of service to high schools, communities, and churches.

We are prepared to assist those who are interested in planning lecture courses, entertainments, and institutes.

All correspondence concerning the work of this department should be addressed to Professor J. L. Hoff, McPherson, Kansas.

### THE DORMITORIES

The ladies' dormitories are in charge of the matrons who are employed by the Board of Trustees, and devote their time to the welfare and comfort of the students. They are constant friends and advisors to the young people who come to the college. Every effort is made to surround the students with wholesome, helpful influences, as nearly like those found in the home as possible. The rules of conduct in these buildings are made as simple and as few as possible, but careful observance of the same is required of all, and the authority of the matrons must be respected.

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

### RULES OF CONDUCT

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

By a vote of the Board of Trustees, no student who uses tobacco shall represent McPherson College in any intercollegiate contest.

No secret societies are tolerated.

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

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

Students are encouraged 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 having provided a suitable chaperon.

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

### MISCELLANEOUS INFORMATION

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

Students are registered at the beginning of each semester. Enrollment for the first semester of 1927-1928 will begin Monday, September 5 at 9 A. M.

Students entering the college are requested to send to the Registrar before enrollment their transcripts showing a record of work done in other schools.

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

in residence.

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

Students desiring to change their course, or make any changes in registration will apply at the office of Dean for permit card.

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

A contingent deposit, to insure against damage to property, is required of each student. After deducting charges, the balance will be returned at the end of the year, on return of deposit receipt. Room deposit receipt is good for one year only.

Students are urged to deposit their money in a bank down town so as to prevent loss.

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

Girls who wish to be out after 7:30 p. m. are required to obtain permission from the Dean of Women.

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

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

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

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

The president of the college is ex-officio adviser of the College senior class.

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

The College charges one dollar for each special examination given. Students required to take special examinations apply first to the treasurer of the college for a permit and present this to the teacher under whom the examination is to be taken.

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

Students representing the College on Gospel teams will first be approved by the director of religious extension.

Agents and solicitors will not be permitted to operate among the students on the college campus, without permission from business manager.

Students should inform their correspondents that all letters and other mail intended for students of the College should be plainly marked "McPherson

College," giving the street number or the name of the hall and number of the room, since there are two colleges in McPherson.

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

### FELLOWSHIPS, SCHOLARSHIPS AND LOAN FUND

The University of Kansas offers annually a fellowship valued at \$400 to one member of the collegiate graduating class. Only students who have spent at least two years in residence in McPherson College are eligible. The candidate is chosen by our faculty on the basis of scholarship and general ability and is recommended to the Graduate School of the University for election.

Other fellowships, carrying stipends of from \$300 to \$600 are available at various Universities, and may be secured by ambitious graduates of our institution.

Bethany Bible School offers to graduates of the Class of 1928 three scholarships, \$200.00, \$100.00, and \$50.00.

The Federated Club Women of Kansas maintain a Loan Fund to assist worthy young women. Each year a number of McPherson College girls receive aid. Application must be made through the recommendation of some Federated Club.

The organizations of the City of McPherson have provided a Loan Fund, through which a limited number get assistance.



McPherson College grants each year a limited number of scholarships to honor graduates of high schools.

A limited number of scholarships are granted each year to persons preparing for the ministry, missionary work, or other definite church work.

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

The General Educational Board of The Church of the Brethren maintains a Student Loan Fund for the benefit of members of The Church of the Brethren. Through this fund worthy students may secure assistance to the extent of \$100 a year at very reasonable terms. Applications for a loan from this fund must be made through and be approved by the officials of McPherson College.

### REPORTS TO PARENTS AND GUARDIANS

The College reports mid-semester and at the close of each semester to parents and guardians the class standing of all students.

TABLE IV

EXPENSES

### EXPENSES

#### COLLEGE

|  |          |
|--|----------|
| Tuition, each semester.....                          | \$ 60.00 |
| Fewer than 12 or more than 18 hrs., an hour .....    | 4.50     |
| Incidental fee, a semester .....                     | 10.00    |
| Board and room, a semester .....                     | 100.00   |
| Total paid in advance for the full school year ..... | 235.00   |
| Typewriting fee, extra, a semester .....             | 5.00     |
| Fee for late registration .....                      | 1.00     |
| Special Examination fee .....                        | 1.00     |

Courses by Correspondence, an hour ..... 4.00

Board and room by the week will be figured at 20 per cent above semester rates. A semester is eighteen weeks.

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

Expenses are payable at the time of registration. Settlement is required before a student is enrolled for class work.

Holiday vacation at week rates in the dormitory.

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

Students who are suspended or expelled will receive no refund.

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

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

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

### LABORATORY FEES

(Each fee is for one semester)

|  |        |
|--|--------|
| Chemistry, any laboratory course ..... | \$6.00 |
| Physics, Course 1, 2 .....             | 1.00   |

|  |        |
|--|--------|
| Physics, all other courses . . . . .                 | 4.00   |
| Astronomy . . . . .                                  | 1.00   |
| Surveying . . . . .                                  | 2.00   |
| Physiology and Geology, each . . . . .               | 1.50   |
| Biology, any laboratory course . . . . .             | 3.00   |
| Manual Training, any shop course . . . . .           | 6.00   |
| Wood Turning . . . . .                               | \$6.00 |
| Dairying . . . . .                                   | 3.00   |
| Any other laboratory course in Agriculture . . . . . | 2.00   |
| Sewing . . . . .                                     | 2.00   |
| Foods and Dietetics, each . . . . .                  | 7.00   |
| Experimental Psychology . . . . .                    | 1.00   |



FARNSWORTH HALL.







Third Floor

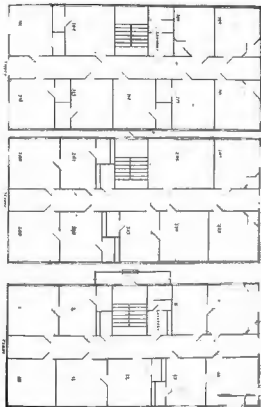


Second Floor



First Floor

FLOOR PLANS, ARNOLD HALL.



FLOOR PLANS KLUGE HALL



## THE COLLEGE REQUIREMENTS FOR ENTRANCE

The total requirements for admission shall be 16 units, 7 of which shall be chosen from groups I. to IV., as indicated below. The remaining 9 units may be chosen from the subjects outlined in the six groups.

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

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

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

**Group III.—Science:** Minimum, 1 unit; maximum, 4 units.—General Science, 1 unit; Botany, 1 unit; Zoology, 1 unit; Entomology, 1-2 unit; Physics, 1 unit; Biology, 1 unit; Chemistry, 1 unit.

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

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

**Group V.—Foreign Languages:** Minimum, none; maximum, 4 units.

**Group VI.—Miscellaneous:** Maximum, 5 units. Agriculture, 2 units; Commerce, (maximum, 3 units) including Book-keeping, 1-2 or 1 unit; Commercial Law, 1-2 unit; Stenography, 1 unit; Typewriting, 1 unit; Domestic Science, 1 unit; Domestic Art, 1 unit; Music, 2 units; Drawing, 1 unit; Manual Training, 2 units; Methods and Management, 1-2 unit; Psychology, 1-2 unit; Commercial Geography, 1-2 unit; Bible, 2 units.

## REQUIREMENTS FOR GRADUATION

In order to be a candidate for the degree of Bachelor of Arts, or Bachelor of Science, the Student must have completed 122 semester hours of class work, including 2 hours of physical training, and have earned a minimum of 122 honor points. A semester hour consists of one hour recitation or two hours laboratory work a week for eighteen weeks.

Students who enter without a foreign language

must take three years of foreign language before receiving the A. B. degree. This may consist of three years of one language or two years of one language and one of another.

Those majoring in groups II, III, or X as listed below may receive the Bachelor of Science degree.

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

A second Bachelor degree may be conferred upon completion of thirty semester hours of additional new work which fulfill the conditions of a second major.

### COLLEGE GROUPS

I. English—10 hours. Rhetoric and literature required.

English Language and Literature  
Public Speaking

II. Mathematics and Physical Science—8 hours required.

|           |             |
|-----------|-------------|
| Chemistry | Astronomy   |
| Physics   | Surveying   |
| Geology   | Mathematics |

III. Biological Science—8 hours required.

|          |            |
|----------|------------|
| Biology  | Physiology |
| Genetics | Bioanatomy |

~~IV. Philosophy and Theology—8 hours required.~~

V. Bible and Religious Education—8 hours Bible required.

VI. Social Sciences—<sup>12</sup> hours required.

History — Sociology — Political Science — Latin

VII. Economics and Commerce.

VIII. Education and Psychology—8 hours required.

IX. Ancient Languages and Modern Languages.

|       |       |        |        |         |
|-------|-------|--------|--------|---------|
| Greek | Latin | French | German | Spanish |
|-------|-------|--------|--------|---------|

**X. Vocational.**

Home Economics      Agriculture      Manual Training

**XI. Fine Arts.**

- (a) Six hours of College Rhetoric are required of all Freshmen not offering it as a fourth year of entrance English.
- (b) General Psychology is a pre-requisite to all courses in Education.
- (c) Majors may be selected from the above groups. A major shall consist of not fewer than 20 hours nor more than 26 hours. Not fewer than 30-hours nor more than 40 hours may be selected from the group from which the major is selected except in group III., in which a maximum of 40 hours is allowed. Majors must be selected by the beginning of the Junior year. Ten hours of the major must be elected from subjects given in the junior and senior years except in the event that the major is chosen in the languages.
- (d) Fifteen hours a semester constitute regular work. Students desiring to carry more than eighteen hours must petition the faculty. Freshman are limited to 17 hours.
- (e) In Group V, only 3 hours in Bible are required of those who are candidates for the degree of Bachelor of Science.

**SCALE OF GRADING**

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

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

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

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

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

The letter **F** indicates failure.

**INCOMPLETE GRADES AND FAILURES**

The work of a student who fails to report for final examination is graded **I** or **F**. If his class stand-

ing has been above passing he is graded I, but if his class standing has been below passing he is graded F. If the work has been of passing quality but some part remains unfinished he is graded L.

Grade I may be removed by passing a special examination upon the payment of a fee of one dollar, but unless removed before the beginning of the corresponding semester of the following year it becomes a failure and the student must re-enroll in the course.

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

### THE HONOR POINT SYSTEM

1. An honor point system was inaugurated at the opening of the second semester, 1924-25.

2. The honor point system shall apply to grades, class and chapel absences and tardies.

3. As many honor points shall be required for graduation as hours of credit, viz.: 122.

4. Grades shall be weighed as follows:

Grade A—3 points for each hour.

Grade B—2 points for each hour.

Grade C—1 point for each hour.

Grade D—0 points for each hour.

5. The number of absences from class permissible in each semester without loss of honor points shall be equal to the number of hours for which the class is scheduled a week.

6. The number of absences from chapel permissible each semester without loss of honor points shall be three.

7. For every excess absence from class or chapel a deduction of one honor point shall be made, except in case of severe and prolonged illness. In such

cases adjusted credit shall be made without loss of honor points.

8. Special standing excuses from chapel attendance may be secured upon written petition to faculty. In case such petitions are granted no penalty shall be exacted.

9. Three instances of tardiness shall be deemed equivalent to one absence, and shall operate toward a proportional reduction in honor points.

10. In case of absences from chapel above six in number a deduction of three honor points shall be made for each absence above six.

11. Any absence immediately before or after any vacation shall operate to deduct two honor points instead of one.

12. In case a student is absent from the institution representing it in a public capacity, such absences shall not operate to cause a loss of honor points for such actual and necessary absences. The following activities shall be deemed to come under this provision: Public athletic contests, debates oratorical contests, and such other activities as are duly approved by the Dean.

13. A student enrolled in twelve or more hours of college work must earn a minimum of twelve honor points a semester to remain in good standing.

14. Honor students must have earned forty or more honor points during a semester.

15. A list of honor students shall be compiled and appropriately advertised at the close of each semester.

### STATE TEACHERS' CERTIFICATES

1. McPherson College fulfills the requirements of the laws of Kansas and the State Board of Educa-

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

2. Graduates of any approved four-year high school who complete two years' work at McPherson College and include in the two years the professional branches required by the State Board of Education, namely, three hours of Methods in Education and three hours of School Management, are entitled to a three-year certificate without examination. This certificate is valid in any elementary school or junior high school and two-year course high school in the state. This certificate is renewable for three-year periods.

#### **Membership in the North Central Association.**

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

#### **Membership in the Association of American Colleges**

In January, 1927, McPherson College was elected to membership in the Association of American Colleges.

## COURSES OF INSTRUCTION

### SYSTEM OF NUMBERING COURSES

The courses of each college department are classified in two groups, A and B. Courses of the A group are open to Juniors and Seniors only, or to others as special cases arise where previous preparation for the particular course justifies an exception. Courses of the B group are of Freshman and Sophomore rank. In numbering the courses the group letter is prefixed. Odd numbers are used for the first semester courses and even numbers for second semester courses. If the course continues throughout the year, both odd and even numbers are used, separated by a comma if the credit stated is for each semester, or with a dash in case the first semester is prerequisite for the second. Courses not offered this year have their numbers enclosed in brackets. In each case the number of hours credit is enclosed in parentheses following the number of the course.

### AGRICULTURE

PROFESSOR MOHLER

B. [1] (3) **Agronomy 1.**—Farm Crops 1. This course is a scientific study of the grain crops. Special emphasis is placed upon the leading cereal crops of this region, the best methods of production, preparation of the seed bed, and methods of improvement. Each student is expected to do some original work in crop improvement. This course consists of class work, lectures, field trips, and observation work on the experiment plots.

B. [2] (3) **Agronomy 2.**—Farm Crops II. This course is a continuation of Farm Crops I. but deals with forage crops instead of the grains. The plan of the course is the same as the above. Prerequisite: Agronomy I.

**B. 4 (3) Agronomy 3.—Farm Management.** This course is a general study of farm life from an economic standpoint. The purpose of the course is to consider the farm as a business proposition. Such subjects as the following are considered: size of the farm, number and shape of fields, crop rotation, marketing of crops, farm records and accounts, roads, schools, churches, etc. A survey is made of some of the more successful farms in the community with a view of determining labor incomes, methods of carrying on business, etc.

**A. 5-6 (4) Agronomy 4.—Problems in Agronomy.** An advanced study of the problems of crops and soils. Students sufficiently advanced and capable of doing research work will be admitted into the course. By appointment.

**A. [7] (3) Marketing of Agricultural Products.—** Problems and methods of marketing agricultural products and raw materials, including marketing services, agencies, and methods. The middleman, distribution, standardization, market analysis, price, price fixing and marketing cost.

**A. [8] (3). Agricultural Economics.—**This course makes special application to the economic principles as applied to agriculture. The farm as a business organization and its place in our present economic system.

**B. [9] (3) Soil Physics Soils 1.—**This is a course planned to give the student a general insight into the subject of soil physics. The physical properties of soils and their relations to tillage and the preparation of the seed bed, soil texture, structure, moisture, heat, together with other phases of soil physics are given careful consideration. Two recitations and one laboratory period a week.



**B. [10] (3) Soil Fertility.**—A study of the chemical properties of soil and their relation to the methods of fertilization; the applications of manures and fertilizers. Two recitations and one laboratory period each week. Prerequisites: Soils 1.

**B. 11 (4) Animal Husbandry 1.**—Dairying. The course deals with a study of the various types and breeds of dairy cattle. Attention is given to the development, care, and handling of the dairy herd. The laboratory work of the course consists of work with the Babcock Test in all of its phases, the operation of the cream separator, the detection of adulteration in dairy products, and the scoring of butter, cheese, etc. Observation trips are required in this course.

**A. [12] (4) Animal Husbandry 2.**—Feeds and Feeding. The course in Feeds and Feeding makes a careful study of nutrition and digestion, the composition of the body of the animal, and the composition of various animal products. A knowledge of these makes possible an intelligent study of the relation existing between the food consumed and the products produced. A careful study is made of the records of the feeding experiments carried on at different stations. Some practical work will be done. Prerequisite Chemistry B. 1 and B. 2.

**A. [13] (3) Animal Husbandry 3.**—Animal Pathology.—In this course a study is made of the diseases of farm animals. The purpose of the course is to make it possible for a student to diagnose the common diseases, to understand thoroughly the nature and effect of each, and to administer such remedies as are within the province of the well trained farmer. The course is exceedingly practical and interesting.

**A. 14 (3) Genetics.**—This subject involves a study of variation and heredity as applied to the breeding

and improving of plants and animals. Careful attention is given to the behavior of hybrids. A study of pedigrees is made, together with a survey of the practical results that have been attained in the improvement of breeds and varieties. Such subjects as breed associations, advanced registry, grading, cross breeding, line breeding, inbreeding, etc., are considered. A portion of the time of this course is devoted to a study of eugenics.

**A. 15, 16 (2) Genetics Seminar.**—An advanced course in Genetics open to students majoring in agriculture or biology. The course deals largely with experimental breeding and a survey of recent literature on the subject.

**B. [17] (2) Stock Judging.**—A laboratory course dealing with the scoring and placing of the various classes of livestock.

**A. [18] (4) Farm Mechanics Agricultural Engineering.**—This course is a study of the machinery used on the farm. The first half of the course is a study of the physics of agriculture. It includes work with machinery of all classes, dealing particularly with their construction and operation. The last half of the course deals with farm motors. It involves a study of both the principles and operation of the steam and gasoline engines, together with such accessories as the lubricator, injector, etc. Special attention is given to the operation of the gasoline engine and the trouble common to the same.

**Agricultural Chemistry.**—(See Course A 11 under Chemistry.)

**A. [19] (2) General Horticulture. Horticulture I.**—A course dealing with the location and management of the farm orchard and garden. The course includes such subjects as production, harvesting,

storing, spraying and trimming. Special emphasis is placed upon fruit and vegetable production for the home. Lectures, assigned readings, and laboratory work.

**A. 20 (2) Ornamental Gardening. Horticulture 2.**—This course consists of a study of the principles, materials, and practice of ornamentation of the home grounds, together with a study of civic improvements. The course includes the management of a greenhouse, hotbed and cold frame. Lectures assigned readings, and laboratory work.

**A. 21 (3) The Teaching of Agriculture.**—The purpose of this course is to give the student who contemplates going into the field of high school teaching, methods and plans that he will be able to use in teaching of the subject. Laboratory work, home projects, lesson outlines, field trips, and order and method of presenting material is carefully considered. Prerequisite: General Psychology. Students desiring state credit on this subject must have as prerequisites fifteen hours of agricultural work.

D. L. MILLER, LABORATORY ASSISTANT.

## BIBLE, THEOLOGY AND RELIGIOUS EDUCATION

Doctor Kurtz  
Professor Hoff

The crisis of today demands religious leaders as never before. The need for world Christian democracy has given an unparalleled challenge to college men for a larger Christian service. A general knowledge of the Bible is indispensable in a college education for the man of affairs, while ministers and other religious leaders need a special religious education.

### PURPOSE AND SPIRIT

The effort in all the Bible courses is the

enrichment of the student's own spiritual experience and equipment for the most efficient Christian service. The immediate purpose is to understand the message of God to mankind as given in Holy Scripture. The point of view is practical rather than speculative; the method is historical and scholarly, animated by a deep desire to know the Bible as it is and to extend that knowledge to others.

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 with the aid of the teachers of the Bible Department.

### Accredited Relations With Bethany Bible School.

#### I. Credits allowed in McPherson College.

##### 1. On her College Courses McPherson College

(a) Will credit thirty (30) semester hours of strictly Theological work, and thirty semester hours of other courses, such as Greek, Sociology, etc., taken in Bethany Bible School—provided the student is not an applicant for a Kansas State Teacher's Certificate.

(b) Or will allow for twelve (12) semester hours of strictly Biblical and Theological work, and thirty semester hours of other courses, for example, Sociology, Ethics, Greek, etc., if a Kansas State Certificate is desired.

Note: (In the former case if as much as thirty (30) semester hours of credit are allowed, the student must sign a blank form waiving his right to be an applicant for the Kansas State Teacher's Certificate, unless he fulfills completely the state requirements.)

#### II. Credits allowed by Bethany Bible School.

1. In her Seminary Courses will credit work done in McPherson College to the extent of twenty (20) semester hours provided

(a) That this work is strictly of a professional character.

(b) That it is taken in the Junior and Senior year of College.

Professional Theological Courses in excess of the North Central Association requirements for A. B. are accepted in full if the work is done under stand- ard conditions.

2. In her Training School Bethany Bible School will credit all Theological courses taken in McPherson College.

## COURSES

A. [1-2] 6. **History of the Hebrew People; their literature and religion; structure, date, authorship, historical setting and contents of the Old Testament books.**

A. 3 (3). **Old Testament Laws and Institutions.**  
 X A presentation of the origin and growth of Israelitish law.

A. 4 (3). **Old Testament Wisdom Literature.**— This course is a study of the so-called Wisdom books of the Old Testament; namely, the Proverbs, Job, Ecclesiastes, Song of Songs, and some of the Wisdom Psalms.

A. 5 (3). **Old Testament Prophets.**—The subject matter of this course will be taken from the leading major prophets, (Amos, Hosea, Isaiah and Jeremiah.) The purpose of the course is to become acquainted with the Prophetic Institution of the O. T.; to know the prophets themselves, their nature, character and personality; to understand the problems of the times in which they lived; and to interpret their literature according to the problems of their times.

X A. 6 (3). **The Pre-prophetic Literature of the Old Testament, its growth and development.** Each book is studied critically in the light of the times that produced it. Special attention is given to the documentary sources of the Old Testament.

A. [7] (3). **The Messianic Hope.** A study in Messianic Doctrines found in the apocalyptic litera-



ARNOLD HALL.



ture of the Old and New Testaments. Isaiah, Ezekiel, Daniel, and Revelation furnish the Biblical basis for this course.

**B. 9-10 (8). First Year N. T. Greek.**

**B. 11-12 (8). Second Year New Testament Greek.**—Characteristics of the Greek of the New Testament Period; principles of syntax; translation of Luke; rapid reading. Prerequisite: one academic year of preparatory Greek.

**B. 13 (3).—Pauline Epistles.**—Studies in the life and times of Paul, authorship, date, occasion, and historical materials are emphasized. A thorough analysis is made of the contents of each epistle.

**B. 14 (3). Pastoral and Catholic Epistles.**—In this course the student analyzes Hebrews, I. and II., Timothy, Titus, James, I. and II., Peter, I-III., John and Jude. The purpose of the study is to discover the social conditions in early Christianity that made these messages necessary.

*The Life of Christ.*  
**A. [15] (3). The Synoptic Gospels.**—A course dealing with the Synoptic Problem. Mark is used as a basis of comparison in the synoptic study. Attention will be given to Gospel origins and transmission in the early church. Prerequisite: course B. 13.

**A. [16] (3) Johannine Literature.**—Includes the fourth Gospel, the three epistles, and the book of Revelation. The course gives careful consideration to the background of each book, contents, motive of the author and the central passage.

**B. 17-18 (6). Church History.**—This course seeks to give the student a general view of the field. Periods which are of special interest and importance are emphasized. It is the purpose of the program to serve the needs of those who are preparing for active religious work.



A. [24] (3) **History of Church Doctrine.**—The design is to trace the rise and development of the controlling religious conceptions of the Primitive Catholic and Protestant Church.

B. 28-6 (3). **Fundamentals of Faith.**—Course open to all Bible students. Deals with the doctrines of the faith with especial reference to Brethren faith and polity.

A. [19] (3). **Teaching of Jesus.**—Sources of information; the world in which Jesus lived as reflected in these sources; thought and teaching of Jesus.

A. [21] (2). **Christian Doctrine of Salvation.** (Seminar.) With special reference to the work of Christ.

1 A. [22] (3). **Systematic Theology.**—Includes study of the ideas and problems of Christian Faith.

A. [23] (3). **Comparative Religion.**—A critical study of non-Christian and ethnic faith as compared with Christianity.

B. 20. [3]. **Theory and Practice of Preaching.**—An inductive study of the nature and function of the sermon, sermon building, and practice preaching.

## RELIGIOUS EDUCATION

PROFESSOR HOFF

The purpose of the department is two-fold. First, it seeks to recruit and train professional workers for the multitude of occupations which the enterprise includes, such as: Directors of Religious Education (in local churches, districts, and regions), supervisors, leaders of young people's work, leaders of children's work, social and recreational directors, leaders in the fields of music and the arts, leaders of public opinion, lecturers, and popularizers, professional story-tellers, dramatists, literary producers,

educational technicians and research workers, teachers in Sunday Schools, week day and vacation religious schools, instructors in institutes (local church, community, district, state), instructors and leaders for summer camps and conferences, instructors and directors for leadership training work (on the basis of local church, community, district), leaders in the field of peace education, leaders in the movement for preserving the home, religious advisers and directors for industrial firms and civic organizations, leaders in such organizations as Y. M. C. A., Y. W. C. A., Boy Scouts, Campfire Girls, Pioneer Clubs, etc.

Secondly, it seeks to recruit and train others to be avocationally interested in the movement. Special obligations rest upon every minister or other religious worker, every public school worker, every social worker to become closely affiliated with the enterprise.

In fact, these problems are of vital concern to every American citizen, and particularly to every college student, whatever vocational interests he may have.

**Credits.** Courses in Educational Psychology, Methods, and Principles of Education from the Department of Education may be applied on a major in Religious Education.

### **Courses**

**B. 1. (3). The Expanding Movement of Religious Education.**—A study of recent movements in moral and religious education, together with the historical background and the causes of revival of interest. Individual and social factors involved. The relation of religious education to general education: Present aims and status of general education and religious

education compared; factors involved in correlation. Survey of the chief agencies involved: Public schools, parochial schools, church schools (including Sunday Schools, week day schools, and vacation schools), the home, Y. M. C. A., Y. W. C. A., higher institutions, overhead denominational and interdenominational boards.

**B. 2. (3). The Religion of Childhood and Youth.**—Genetic psychology and its implications in the field of religious education. Heredity and original nature and the problem of remaking original nature, through Christian culture. Physical and mental bases for moral and religious characteristics. Principles and methods for moral and religious diagnosis, direction, and control. Cross section studies of the religious experience of children and adolescents. Characteristics of habits, attitudes, and intelligence which constitute the chief training centers for the religious program.

**B. 3. (3). Principles of Religious Education.**—The fundamental nature and meaning of religious education. The origin and development of contemporary theories, problems, and practices in religious education. The psychological and sociological basis for an adequate theory. Critical and constructive evaluation of various viewpoints with particular emphasis upon those factors which support a dynamic theory of religious education. Practical implications of the teaching function of the Church. The consideration of salient principles of educational psychology as applied to religious development.

**A. 4. (3). The Administration of Religious Education.**—National, community, and local church programs. Denominational and interdenominational organizations. The organizing, conducting, and su-

pervising of Sunday Schools, week day church schools, and vacation schools, the factors involved in the administration of religious schools such as buildings and equipment, the securing and distribution of finance, the organization of the curriculum, the management of pupils, the selection of teachers. Selected administrative problems, such as: Leadership training; providing activities for the enlistment of young people in church work; the use of surveys and measurements in religious education; the correlation of agencies; the construction of a unified church school program.

**A. 5. (3). The Curriculum of Religious Education.**—Historical survey of the development of religious lesson materials. Fundamental principles of curriculum construction. The technique for the selection of instructional, expressional, and worship materials. The use of art, music, pageantry, and drama as religious subject matter. Criteria for the evaluation of lesson materials. Critical and constructive evaluation of the materials now available for Sunday Schools, week day church schools, and vacation schools.

**A. 6. (3). Methods of Religious Education.**—The learning process and the teaching process in religious experience. The laws of learning and the laws of teaching and their religious implications. The psychological basis for the use of the educational method in the direction and stimulation of religious development. The formulation of objectives. The types of teaching as applied to religious work, with special emphasis upon the development of religious motivation, the appreciation lesson, the place of the story in teaching, and the project method. The determination of classroom technique and the use of devices in teaching religion. The place of the

teacher in the program. Criteria for measuring the success of the church school recitation.

**A. [8] (3). The Psychology of Religion.**—The nature and function of religion in the light of dynamic principles in psychology. Primary types and characteristics of Christian experience. Selected problems in religious psychology, such as: Individual variation in religious experience; prayer as a technique for the control of conduct and the promotion of service; psycho-analysis and psycho-synthesis, with their religious implications; the influence of the subconscious on the religious consciousness; the psychology of fundamental religious beliefs and practices; the meaning of God in human experience; public and private worship, conversion and revivals; the milder forms of mystic experience; the factors and forces which give rise to a working Christian faith

## BIOLOGY

PROFESSOR NININGER  
PROFESSOR MOHLER

The courses offered in this department have been selected with the following purposes in view: (1) To prepare the general student better to appreciate the world in which he lives thru a knowledge of plant and animal life, (2) to meet the entrance requirements for medical college, and (3) to prepare those who expect to teach biological subjects in high schools.

The following courses and histology and genetics may apply upon a major in Biology. Major students shall present from other departments before graduation the following credits: Chemistry and Physics, 10 hours; Geology, 5 hours.

**B. 1-2 (6). General Zoology.**—A general survey of animal life, with special emphasis upon mor-

phology, physiology, reproduction, classification, distribution and evolution. Two lectures and one laboratory period a week.

**A. 3 (1-3) Fresh Water Zoology.**—A systematic study of invertebrates; largely individual work; lectures once each week; Prerequisite: course 1. Both semesters. Credit in proportion to work done, with a maximum of three hours a semester.

**B. 4 (3). Birds of Kansas.**—A study of birds in the laboratory and in their natural haunts, with lectures twice a week.

**B. 5 (3). Entomology.**—A general course in anatomy, physiology, and classification of insects.

**B. 6 (3). Entomology.**—A study of crop pests, the relation of insects to disease, and methods of control.

**B. 7 (3). General Botany.**—A general course in the thallophytes, bryophytes, and pteridophytes. Two lectures and one laboratory period each week.

**B. 8 (3). General Botany.**—A continuation of Course 6, dealing with spermatophytes.

**B. 9 (3). Systematic Botany.**—A course in collecting, preserving, and classifying the local flora. Individual work with conferences. Prerequisite courses B. 7 and B. 8.

**A. 10, 11 (1). Current Biology.**—An under-graduate seminar, individual reports from current biological journals.

## **BIONOMICS, PHYSIOLOGY AND GEOLOGY**

DOCTOR HARNLY

**B. 1 (3).—Physiology.**—For college freshmen. A cultural and practical study of the human body, its anatomy, histology, physiology and hygiene. The

course consists of textbook, reference readings, lectures, laboratory experiments, and demonstrations. The department has a fully equipped laboratory in the new Science Hall, with all needed apparatus and equipment.

**B. 2 (2). Personal Hygiene Applied.**—A very practical course for all who desire a knowledge of the laws of health as they pertain to individuals and the public. How to maintain "the quality of life that renders the individual fit to live most and to serve best." The hygiene of the sex aspect of life will receive special attention.

**B. 3 (3).—Histology.**—The physiological histology of man and mammalian animals based upon the texts, drawings, and preparations of Professor Dr. Fr. Sigmund of Teshen Austria. Six hours laboratory.

**B. 4 (3).—Histology.**—Continuation of Course B. 3.

**A. 6 (3). Bionomics.**—A lecture and reading course in the study of life, with special reference to ecological, developmental, and historic problems. A candid expmiation of the facts of life including the theories of evolution and their relation to religious thought.

**B. 5 (5).—Geology.**—The department has a good collection of minerals, fossils, and rocks, as well as a good reference library. McPherson county is especially rich in geological formations and fossils. The course consists of a study of the most important minerals and rocks, the elements of crystallography, lectures, text-book, reference readings, notes on lectures, field work.

LABORATORY ASSISTANT, MABELLE ROSKHAM.

**CHEMISTRY**

DOCTOR HERSHEY

**B. 1 (5).—Inorganic Chemistry.**—This course is designed as a prerequisite to all other courses in chemistry and as a subject of general culture. Its aim is to prepare the student for *medicine, domestic science, agriculture, engineering, pharmacy,* and the advanced courses in chemistry. Lectures and quizzes, three hours; four hours laboratory work.

**B. 2 (5). Inorganic Chemistry and Qualitative Analysis.**—Continuation of Courses B. 1. The last 10 weeks are devoted to qualitative analysis. Lectures and quizzes, three hours; four hours laboratory work.

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

**B. 4 (5). Advanced Quantitative Analysis.**—A continuation of Course B. 3. This course covers the general procedure of gravimetric and volumetric analysis, fundamental operations. Accuracy and speed are insisted upon. Laboratory, ten hours a week.

**B. 5 (5). Organic Chemistry.**—Designed as a general course in organic chemistry for medical students, those taking domestic science or agriculture, and preliminary to advanced organic chemistry. Lectures and quizzes, 3 hours; laboratory, 4 hours a week. Prerequisite: Course B. 2.

**B. 6 (5). Organic Chemistry and Food Analysis.**—A continuation of course B. 5. The last ten weeks are devoted to food analysis, which includes class and laboratory work on the plant and animal pro-



ducts. Demonstrations and laboratory practice will be given in the analysis of foods and their adulterations. Class work, 3 hours; laboratory, 4 hours.

**A. [7-8] (8). Advanced Organic Preparations.**—Prerequisite: courses B. 5 and B. 6 and a reading knowledge of German. Laboratory, 8 hours throughout of the year. (Given in alternate years 1928-1929.)

**A. 9 (2). Historical Chemistry.**—Prerequisite: two years chemistry. Given in alternate years (1927-1928).

**A. 10 4. Physical Chemistry.**—A general course in physical and theoretical chemistry. Lectures and quizzes, 3 hours a week. Laboratory, 2 hours. Course B. 3 prerequisite. Given in alternate years (1927-1928).

**A. 11 or 12 (5). Agricultural Chemistry.**—A course primarily designed for the students who are majoring in Agriculture. Analytical Chemistry applied to analysis of farm products, etc., such as grains, fertilizers, soils, dairy products, water, etc. Prerequisite: Chemistry B. 3. Laboratory about seven or eleven hours a week.

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

RAYMOND TROSTLE, RONOLD WARREN, FLOY BROWN  
PHILLIP SPORN, LOREN BECKWITH.

Laboratory Assistants

**COMMERCE AND ECONOMICS**

PROFESSOR MILLER

PROFESSOR YODER

**B. 1-2 (6). Elementary Accounting.**—Fundamental principles of accounting, theory of debit and credit as applied to the keeping of double entry books, the preparation of simple balance sheet and loss and gain statements, including the process of closing the ledger. The course covers a discussion of partnership accounts, accruals, and columnar books with the use of controlling accounts. Emphasis is placed upon the solution of practical problems. Prerequisite: High School bookkeeping.

**B. 3-4 (8). Business Law.**—General survey of the law. Legal definitions and terminology, the judicial systems and reported decisions and opinions. Contracts: the necessary elements, formation of contracts, legality, operation, performance, breach and assignment. Sales of personal property: defined, distinguished from gifts and bailments, transfer of title, warranties; rights of third persons and remedies. Agency: the law of agency as applied to principal and agent, and to master and servant. Negotiable paper: bills of exchange, promissory notes and checks, negotiability, liability of endorsers, protest, holders in due course, and payment and discharge. Partnerships their formation, rights and duties of partners, authority to represent the partnership; dissolution. Corporations: legal advantages and disadvantages, charters, powers of corporations, duties of officers, rights and duties of shareholders, ultra vires acts. The case book method is used.

**B. 5 (3). Economic Geography.**—The physical basis of industry and trade; resources of the world,

with special emphasis upon the United States, their importance, use and conservation.

**B. [6] (3). European Economic History.**—The chief interests are the manors; the towns; the metropolis; national economic regulations; developments in agriculture, commerce, manufacturing, and economic thought prior to and through the Industrial Revolution, up to the present.

**B. 7 (3). Economic History of the United States.**—A general survey of the development of agriculture, manufacturing, transportation, storage and exchange of goods; economic crises; land, capital, management and labor, and interplay of economic and political forces.

**B. 8 (3). Advertising.**—A survey source in the subject. The development of advertising; its functions; steps in the process. The types of advertisements, the appeal, style, trade-marks, slogans. Illustrations, preparation, the use of color, the layout. The media. Direct advertising, outdoor, specialty. The agency. Tests of efficiency. Advertisements in current periodicals are given attention throughout the semester.

**A. 9 (3). Public Finance.**—Public expenditures; public revenues; the development of taxation historically traced, excises and customs duties, public credit and public debts; and financial administration. Offered on alternate years. Not given in 1926-27.

**A. [10] (3). Marketing.**—Description and evaluation from the consumer's viewpoint, of the services and methods of middlemen in the distribution of farm products and manufactured goods from the producer to the consumer. Elimination of middlemen by agricultural and consumers co-operative so-

cities, and by direct sale from manufacturers to retailers; small scale retailing contrasted with chain stores, mail order houses, and department stores; economics of advertising, price setting, and price maintenance; unfair competition and monopoly, relation of government to marketing; and proposals for reducing the margin between what the consumer pays and producer receives.

**A. [11] (3). Business Administration.**—Theory of plant location, equipment of the plant, types of organization, payment, record of goods, equipment, and workers, buying, receiving, storing and recording material, determination of costs, standardization, scientific management, time and motion studies, employment problems, reports to executives.

**A. 12 (3). Money and Banking.**—Money—Nature and functions of money; analysis of the factors affecting prices; a brief history of paper currency and silver legislation. Banking—Procedure in organizing state and national banking systems as modified by the Federal Reserve Act; functions of banks; preparation and analysis of bank statements; loans and granting credit; principles of foreign exchange; analysis of foreign banking systems.

**A [13] (3). Business Finance.**—Essential principles of sound corporate financing. Different forms of sound corporate financing and their relation to the general business organization of the corporation. The financial side of the formation and promotion of corporations. Financial policies. The nature and constituent elements of capitalization. Methods of raising capital. Forms of securities. Channels for the sale of securities. Practical financial problems.

**A. [14] (3). Insurance.**—The elementary facts of insurance from the business man's standpoint. Relative merits of the various types of life, fire, liability, and accident insurance, and the economic functions of insurance. Insurance law. State supervision.

**A. 15 (3) Investments.**—Elements of sound investment, computation of earnings, amortization rights, and convertibles. Markets and their influence in price fluctuations of securities. Government, state, municipal, railroad, steamship, gas and electric, water power, real estate, timber, saving institutions, irrigation securities. Transfer and assignment, taxation, interest rates, and bond yields.

**A. 16 (3). Salesmanship.**—A survey course in the field of selling with special emphasis upon the psychological basis of the selling process.

**A. 17 (3). Economics.**—A general course. The principles of economic life are studied with constant reference to the economic aspects of legal and political problems and to the development of the United States. Factors in production, consumption, distribution, exchange, value, labor, capital, monopolies, taxation, etc., are considered.

## SOCIOLOGY

PROFESSOR YODER

**A. 4 (3). Introduction to Sociology.**—A study of the nature and scope of Sociology, including social origins, social activities, social control, social ideals, social progress, and the attainment of these through social organizations.

**B. 6 (3). Rural Sociology.**—The social, economic, educational, and religious life of rural communities is studied. Tendencies and deficiencies are noted and methods of improvement are indicated according to the best ideals of social life. The purpose of the

course is to give practical information that will aid in the right interpretation of the "rural problem."

**A. 8 (3). Social Psychology.**—This course concerns itself with the psychic forces of societal evolution, including a study of suggestibility, the crowd, the mob mind, fashion, conventionality, imitation, custom, conflict, compromise, public opinion, etc.

**A. 9 (3). The Family.**—In addition to an historical survey the family is studied as a social, educational, moral, and religious institution, the social unit and foundation of a democracy, given emphasis to present tendencies and deteriorating influences.

**A. 11 (3). Social Reconstruction.**—This is a study of the subnormal, the abnormal, and the anti-social, including the criminal, the pauper, and the defective, giving special notice to the delinquent and the dependent and the socializing methods of treatment.

## EDUCATION AND PSYCHOLOGY

PROFESSOR BLAIR

PROFESSOR MOHLER

**B. 1 and B 2 (3). Elementary Psychology.**—A general course designed as an outline study of the whole subject. It undertakes a general survey of the essential facts and laws of the mind. It is a prerequisite to all courses in Psychology and Education. The problem, recitation, and demonstration method is used. The course is repeated the second semester.

**B. 3 (3). Methods in Education.**—A course designed to provide training in general methods, for presenting the elementary school subjects in the light of modern principles and investigations.

**B. 4 (3). School Management.**—A course which attempts to give the student a knowledge of the tech-

nique of successful school management in the light of accepted principles. The following and kindred topics are discussed in detail: the problem of attention, the conduct of the recitation, school government, order and discipline, school incentives, offenses and penalties, routine and habit, and testing results.

**A. 8 (3). Methods of High School Teaching.**—A course designed to present to the prospective high school teacher modern and economical methods of high school instruction. Text-book, recitation, library references, and reports.

**B. 5 (3). Social Psychology.**—This course concerns itself with the psychic forces of societal evolution, including a study of suggestibility, the crowd, the mob mind, fashion conventionality, imitation, custom, conflict, compromise, public opinion, etc. Prerequisite: general psychology.

**B. 8 (3). General Laboratory Psychology.**—Experiments supplementary to general psychology. It is open to all who have had the course in general psychology, or its equivalent.

**A. 9 (3). Psychology of Education.**—A general course in the study of mental development as related to education.

**A. 11 (3). History of Education.**—In this course attention is given to the motives and methods of the leading educators of the world, ancient and modern. Essential features of educational development are emphasized to serve as a basis for an intelligent understanding of present-day theory and practice.

**A. 12 (3). Principles of Education.**—A study of the principles underlying education and their application in a democratic society.



CARNEGIE LIBRARY





**A. 14 (3). School Administration.**—This course is a study of the problems of organization and supervision of school systems, including state, county, city, and local units.

**A. 16 (3). Teaching of Mathematics.**—This course is identical with Mathematics A. 10 and may be applied toward the professional training required for a teacher's certificate, provided the candidate has a preliminary preparation of not fewer than fifteen semester hours in Mathematics following at least two high school units.

**A. 18 (3). Teaching of Physics.**—This course is identical with Physics A. 8 and may apply on the required credits in Education for a certificate, provided not fewer than ten semester hours have been taken in Physics following at least two high school units or the equivalent in physical science. Six hours of college credit is regarded as equivalent to one high school unit.

N. B. General Psychology (3 hours) should be studied preceding any of the above courses in Education. These courses satisfy the requirements of the State Board of Education for the "Three Year Certificate Renewable for Life" and the "Three Year Certificate Renewable for Three Year Periods." See Secs. 7 to 18 inclusive, State Teachers' Certificates, Bulletin of Rules and Regulations, 1926. Students who expect to apply for either of the above certificates should consult with the head of the department before enrolling.

## ENGLISH LANGUAGE AND LITERATURE

PROFESSOR MCGAFFEY  
ASSOCIATE PROFESSOR, WILLIAMS.

Note—Students majoring in English are expected to elect the course in English History.

All courses except B. 1, B. 2 and B. 3, may be counted to meet the requirement of twenty hours for a major in this department, provided ten hours is strictly junior and senior work. At least thirty hours must be selected from the group.

**B. 1 (3). English I.—Rhetoric and Composition.**—A study of the fundamentals of composition through their practical application in oral and written themes, and in class room discussion. Required of all freshmen.

**B. 2 (3) English II.—Rhetoric and Composition.** A continuation of B. 1. Required of all freshmen.

**B. [3] (3). Elements of Newspaper Writing.**—This course is designed to present the fundamentals of newspaper organization, reporting, and editing.

**B. [4] (3). Advanced Composition.**—A study of composition in advance of B. 1 and B. 2.

**B. 5-6 (6). English Literature.**—Introductory course. Designed to develop a sense of values and an appreciation for the best in literature. Students who plan to study only the minimum requirements in literature are advised to elect this course.

**B. 9 (2). American Poets.**—This course is an intensive study of the chief American poets from Bryant to Lanier.

**B. 10 (2). American Prose.**—This is a companion course to American Poets. Intensive study is made of the chief American prose-writers from Franklin

to Holmes. Courses B. 9 to B. 10 give the student a basis for appreciation of American literature, both early and recent.

**A. [11-12] (6).** *Survey of the Development of English Literature.*—A study of periods of literary history, rise of literary forms, etc.

**A. [13] (3).** *Romantic Poets.*—A study of selections from the Romantic poets, with special attention to Wordsworth, Coleridge, Byron, Shelley, and Keats.

**A. 15 (3).** *Development of the Drama.*—A study of the development of the drama in England from the earliest beginning to 1642, exclusive of Shakespeare.

**A. [17] (2).** *Chaucer.*—A detailed study of the Prologue and the reading of the Canterbury Tales. Supplementary readings reports.

**A. 18 (2).** *The Short Story.*—Study of the technique of the short story from representative types, with practice in the writing of that form.

**A. 19 (2).** *The English Bible as Literature.*—A study of the literary masterpieces of the English Bible.

**A. 20 (3).** *Modern Drama.*—This is a survey course in the field of recent drama. Representative plays of all nations making noteworthy contributions to modern drama are studied.

**A. 21 (2).** *The English Essay.*—A study of the development of the English essay from the time of Bacon.

**A. [22] (2).** *Browning and Tennyson.*—A study of the typical poems of Browning and Tennyson.

**A. [23] (2).** *Modern English Novel.*—In this course an intensive study is made of the greater

English novelists of the late nineteenth and early twentieth century.

**A. 24 (3). Shakespeare.**—An introduction to the study of Shakespeare's plays and of his place in the development of the drama.

**A. [26] (2). The teaching of English in the High School.**—Methods of teaching composition and literature in the secondary schools.

### GREEK

**B. 1 (4). Greek I.**—Allen's First Year of Greek; lessons I-XI.

**B. 2 (4) Greek II.**—Allen's First Year of Greek; lessons XII-LXXX. Students who complete Greek I and II will receive 8 hours credit.

**B. 3 (4). Greek III.**—The Greek of the New Testament. A study of Robertson's Grammar of the Greek of the New Testament in the light of historical research, and a translation of the Gospel according to Luke.

**B. 4 (4). Greek IV.**—The Greek of the New Testament. Rapid reading.

### HISTORY AND POLITICAL SCIENCE

PROF. J. DANIEL BRIGHT

**B. 1 (3). The History of Western Europe.**—A study of European civilization from the fall of Rome and ending about 1700 A. D. Beginning with the barbarian invasions and the rise of the medieval church, historical forces are traced through feudal times. The Renaissance and the Reformation together with the emergence of nation states are stressed.

**B. 2 (3). Modern European History.**—The second semester's study deals largely with the eighteenth and nineteenth centuries. Much attention

is given the French Revolution, the Industrial Revolution, and the diplomatic background of the World War. This course and the preceding course are strongly recommended to those who elect to satisfy only the requirements in History. They are the best starting point for all History courses.

**B. 3, 4. (6) United States History.**—A general course intended to give an outline and general survey of the history of the United States from the discovery and exploration to the present. The first semester to 1828; second semester since 1828. Freshmen may elect this course if they have a decided preference for American History.

**A. 5 (3). Greek History to Roman Conquest.**—A course covering the events in Greek history to the time when the story is woven into the history of Rome. The social, economic and political developments are emphasized. Given every other year. To be given 1927-28.

**A. 6 (3). Roman History of Fall of the Empire.**—A course in the political, military, social and constitution development of the Republic and the Later Empire. Given every other year. To be given 1927-28

**A. 7, 8. (6).—English History.**—A study of the English people from the earliest times to the present, noting especially England's institutions as antecedent of our own and England's place in modern history. (Not given 1927-28.)

**A. 9 (3). Contemporary European History Since 1870.**—A study of the diplomatic background of the World War, and the European settlement after the war. A course in international problems and developments.

**A. 10 (3). Representative Americana.**—Some representative leaders of the seven generations of American History. Several hundred personalities and their connections and leaderships are emphasized. Prerequisite, B. 3 and 4.

**A. 11 (3). The Teaching of History.**—A course intended for prospective teachers of history, in secondary schools. Methods, technique, organization of material, collateral reading, note books, maps and written work. Prerequisite, 9 hours of history.

**A. 12, 13. (6). Church History.**—The origins, problems, schisms, triumphs, and general progress of the Christian Church. The first semester covers the period of the Reformation and the second from that period to the present time. Prerequisite, B. 1 and 2.

**B. 1 (3). United States Government.**—A course of college civics. A thorough study of American government. It takes up our national governmental organization and that of the states as well, noting the relation of the federal and state governments. (Not given 1927-28.)

**A. 2 (3). Comparative Governments.**—A study of the governments of Europe. The post-war states of the nations will be noted.

## HOME ECONOMICS

PROFESSOR MAYME WELKER

**B. 1 (3). Clothing I.**—Class work, one hour; laboratory, four hours. This course begins with the fundamental stitches and some simple processes. The student is trained for efficient technique in handling sewing equipment and materials. Attention is given to the use of commercial patterns. The planning and construction of garments are taken up in the laboratory.

**B. 2 (3) Clothing II.**—This course is a continuation of Clothing I. Pattern making is considered. Prerequisite: Clothing I.

**B. 3 (4). House Planning and Furnishing.**—Class work, two hours; laboratory, four hours. A study of the planning and furnishing of comfortable, healthful and convenient homes which meet the needs of the present day home-maker. Various types of homes are visited.

**B. 4 (4). Foods I.**—Class work, two hours; laboratory, four hours. This course includes a brief survey of food legislation and of recent scientific investigation of foods; also an economic study of food stuffs. Laboratory work consists of experimental work and practical cookery, illustrating the various methods of preparing foods. Simple meals are served. Prerequisites: Inorganic Chemistry and Physiology.

**B. 5 (3). Foods II.**—Class work one hour; laboratory, four hours. This course is a continuation of Foods I.

**B. 6 (3). Costume Design.**—Class work, one hour; laboratory, four hours. The aim of this course is to develop good taste in dress. Individual requirements in color and line are considered. Costumes for various occasions are designed.

**A. 7 (2). Household Management.**—Class work, two hours. This course includes a study of the principles of the scientific management of the home, budget making, social, civil and economic duties and responsibilities of the home-maker. Prerequisites: Foods and Clothing I.

**A. 8 (3). Child Welfare.**—Class work, three hours. A course dealing with the various aspects of child care, such as physical and mental develop-



ment, child hygiene, child labor, and recreation. Prerequisites: Psychology and Physiology.

**A. 9 (2). Textiles.**—Class work, one hour; laboratory, two hours. This course considers the historical and economic development of the textile industry from primitive ages to the present time. The combination of art, science, and mechanics that make possible the elaborateness of modern textiles industry is given careful attention. Physical, microscopic and simple home tests are made for the identification of fiber. Prerequisites: Chemistry and Clothing I, or its equivalent.

**A. 10 (2). Home Nursing.**—Class work, two hours; laboratory, occasionally. This course is intended to prepare a woman to care for minor illnesses and for invalids in the home. The hospital is visited in connection with this course. Prerequisites: Foods I. and Physiology.

**A. 13 (5). Nutrition and Dietetics.**—Class work, three hours; laboratory, four hours. A study of the diets of individuals and groups under varying conditions of health and environment; also the relation between the nutritive value and cost of foods and service of meal. Prerequisites: Physiology, Chemistry and Foods I. and II.

**A. 14 (3). Special Methods in Home Economics.**—A survey of Home Economics in the various types of schools as an application of general methods of instruction to this special field. The course includes planning of courses of study and a study of equipment to meet the need of the various types of schools. Prerequisites: Foods I. and II., Clothing I.; five more hours in the Dept.; and ten hours in Psychology and Education.

Laboratory Assistants

RUTH HOOVER, VIOLA DOUSER, FERN SHOEMAKER,  
EVELYN RICHARDS.

**INDUSTRIAL EDUCATION**

PROFESSOR BOONE

**B. 1-2 (4). Mechanical Drawing I.**—An introductory course, emphasizing the correct use of instruments, lettering and the application of Geometrical projections, and working drawing. The course should be taken preparatory to any of the remaining shop courses.

**B. 3-4 (4). Mechanical Drawing II.**—An advance course in Mechanical Drawing introducing Isometric drawings, sections, machine parts, problems in development and free hand sketching.

**B. 5-6 (4). Machine Drawing.** — Working detail drawings of machine parts such as bolts, screws, springs, castings, pipe fittings and parts for pattern making. Requirement for Engineering Courses Prerequisite: Mechanical Drawing I.

**B. 7-8 (4). Engineering Drawing.**—An advanced course in Machine Drawing.

**B. 9-10 (4). Architectural Drawing I.**—Introduction to conventional Architectural Methods. Plates include plans, elevations and details of dwellings. Student is required to produce original drawings of plans, elevations and details of some dwelling. Prerequisite: Mechanical Drawing I.

**B. 11-12 (4). Architectural Drawing II.**—Continuation of Course I. Student completes plans and specifications of dwelling started in Course I., including outbuildings, grounds, water, sewer and lights. Study is made of Carpentry Methods.

**B. 13-14 (8). Woodworking I.**—An introductory course in Manual Training. Lectures and class notes one period per week, remainder shop practice. Emphasis is placed on proper use and care of tools as well as design, construction and finishing wood.

**A. 15-16 (8). Woodworking II.**—Advanced course in design, joinery and finishing. Lectures and shop notes and themes. Fine cabinet making is emphasized. Prerequisites: Mechanical Drawing I. and Woodworking I.

**B. 17-18 (4). Woodturning I.**—Course includes variety of turning experience on such project as candlesticks, lamps, napkin rings, dresser sets, pedestals, etc. Prerequisite: Wood Work I.

**A. 19-20 (4). Woodturning II.**—An advanced course in turning for major students Prerequisite: Course I. Woodturning.

**B. 21 (2) Toy Making.**—A course designed to meet the needs of those preparing for kindergarten or vocation school teaching. Projects include plain and jointed animals, wheel platform and rocker toys, games, puzzles and novelties.

**A. 23 (2). Vocational Guidance.**—A study of the best methods for determining aptitudes and locating young people in educational and vocational fields.

**A. 24 (2). Teaching the Manual and Industrial Arts.**—A course designed to provide the prospective teacher with training in correct methods of teaching the Manual and Industrial Arts. Emphasis is placed upon the practical problems that the beginning teacher meets. For major students.

## LATIN

PROFESSOR HESS

**B. 1-2 (6). Elementary Latin.**—Written and oral work. Accuracy in pronunciation is stressed. Constant drill of forms, vocabulary and syntax. Translation of connected passages of discourse and historical extracts.

B. 3-4 (6). **Caesar.**—*Gaulic War.*—Four books or equivalent, with Latin composition, Drill on constructions vocabulary and historical setting. Translation to idiomatic English.

B. [5-6] (6). **Cicero.**—The four orations against Catiline, Manilian Law, and Archias. Latin Composition and grammatical drill. A study of Cicero's style and political background.

B. [7-8] (6). **Virgil.**—The *Aeneid*, first six books. Careful study of scansion and Roman Mythology.

B. 9 (3) **Cicero.** *De Senectute.*—Critical analysis of the essay, with a thorough review of the grammar.

B. 10 (3). **Livy, Book XXI.**—Supplemented by a careful study of Mackail, *Latin Literature*.

A. [11] (3). **Horace.** *Odes.*—Careful practices in metrical reading.

A. [12] (3). **Lucretius.** *De Rerum Natura.*—A study of Epicureanism, Lucretius as a philosopher and a poet.

## LIBRARY SCIENCE

MARGARET HECKETHORN

B. 1 (2). **Library Science.**—Introductory methods of classification by the Dewey Decimal System, Cataloging, preparation of books for shelves and general library methods.

B. 2 (2). **Library Science.**—Continuation of course 1 with special attention to reference work, government publications, mending, and care of pamphlet material.

## MATHEMATICS, ASTRONOMY, AND SURVEYING.

PROFESSOR BOWMAN

**B. 1, 2 (3). General Mathematics.**—This course aims to give the student a introduction to mathematics which will serve for general culture or as a foundation for further work in mathematics. It is a course in mathematical analysis in which the subject matter of college algebra, trigonometry, analytic geometry, and elementary calculus is introduced as the general development of the course requires. The selection of exercises and problems from all phases of practical life demonstrates the wide application of mathematics and adds much to the pleasure and profit of the course.

**B. 3 (2). Advanced Trigonometry.**—A brief review of the fundamental trigonometric formulas introduced in course B. 1, 2 is followed by a discussion of more advanced topics together with an introduction to spherical trigonometry and its applications. Prerequisite: course B. 1, 2.

**B. 4 (2). Advanced Analytica.**—This course begins with a critical review of the type equations of analytic geometry developed in course B. 1, 2. Then follows a more detailed study of the geometrical properties of loci, including as much as solid analytic geometry as time may permit. Prerequisite: course B. 1, 2.

**A. 5 (3). 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. Prerequisite: courses B. 3 and B. 4.

**A. 8 (3). Integral Calculus.**—Continuation of course A. 5. Integration is in general the reverse of the method of integration. Constant application to problems of geometry and physics, involving the determination of irregular areas and volumes, moments of inertia, center of gravity, etc. Courses A. 5 and A. 6 are indispensable to those students who wish to lay a good foundation in mathematics or science while pursuing college work. Prerequisite: course A. 5.

**A.[7] (3). Analytical Mechanics.**—This course is a mathematical study of the fundamental principles of mechanics including center of gravity, rectilinear and curvilinear motion, moment of inertia, and kindred topics. Prerequisite: course A. 6.

**A. [9] (3). Theory of Equations.**—A study of complex numbers, transformation of equations, calculation of rational and irrational roots, and determinants. Prerequisite: course A. 6.

**A. [10] (3). Teaching of Mathematics.**—A discussion of the general methods of presenting the subject in secondary schools including observation and practice teaching. Prerequisite: courses B. 3 and B. 4.

**A. 11-12 (4). Astronomy.**—Naked eye observation of the heavens is begun in the early part of this course and continued thruout. 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, assigned readings and lectures. The course is continued throughout the year in order to increase opportunities for observation.

**B. [14] (2). Surveying.**—First part of the course is devoted to textbook work, last part almost exclu-

sively to field work. The student is brought face to face with the practical problems in surveying. Prerequisite: course B. 1, 2.

## PHILOSOPHY

DOCTOR KURTZ

**B. 1 (1). Philosophy of Living.**—A course of lectures on the problems of the individual in his relation to science, philosophy, economics, society, industry, religion, art, etc. This course is intended to help the student find himself and relate himself to truth and life.

**A. 3 (3).—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.

**A. [5] (4). History of Philosophy.**—The purpose of this course is to study the history and development of philosophic thought from Thales of 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.

**A. 6 (3). 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.

**A. 7 (3). 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. 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.

## PHYSICAL EDUCATION AND TRAINING

COACH GARDNER, MISS CHAPMAN

**B. 1-2 (2). Physical Training.**—A course in systematic calisthenic and gymnastic work and a study of group games and mass athletics useful to students who expect to be active in community work. Two hours are required of all men for graduation. Two hours weekly.

**B. 3 (3). Coaching.**—A course to aid students who are going out from the college to teach in high schools. The course takes up the coaching of all the major sports, football, basketball and track.

**B. 5-6 (2). Physical Education for Women.**—Required of all first year students. Swedish gymnastics, rhythms, and floor work.

**A. 7-8 (4). Methods of Physical Education for Women.**—An advanced course planned to meet the needs of teachers. A study of the selection and character of gymnastic exercises. One hour class work, 2 hours observation and practice teaching.

**A. and B. 9, 10 (2). Recreation.**—First Semester, equipment, organization, administration and management of playgrounds and social centers. Second



semester, practice in the directing of games, sports and tournaments. Planning of play and social activities.

Note:—All sports for women under supervision of W. A. A.

## PHYSICS

PROFESSOR BOWMAN

**B. 1-2 (2). Practical Physics.**—A general introduction to the entire field of physics and the physical laws which can be observed in the common things of our experience, such as force, motion, production and distribution of heat, ventilation, operation of engines and motors and the production of musical sounds. There will be no laboratory work but a large number of demonstrations will be given in class. This course is open to all students, but if possible it should be taken in the freshman year. It is a prerequisite to all other courses in physics and engineering. Two hours per week through the year.

**B. 3. (3). Mechanics, Heat and Sound.**—A thorough study of force, motion, energy, molecular motion production, measurement and transference of heat, and the theory of resonance and sound. Two recitations and one laboratory period per week. Prerequisite: Physics 1-2 and Mathematics 1-2.

**B. 4. (3). Electricity and Light.**—A study of the theory of magnetism and electricity and the laws of light, with numerous practical applications. Two recitations and one laboratory period per week. Prerequisites: Physics 3 and Mathematics 1-2.

**A. 5. (3). Advanced Electricity.**—Advanced theory of magnetism and direct current instruments and their use. Theory of the electron, ionization, cathode rays, X-rays, photo-electrons, and emission of electrons from hot bodies. Two recitations and



ОУМКАРИУМ



MUSHROOM ROCK—CLAM IN GORJODY



one laboratory period per week. Prerequisites: Physics 4 and Mathematics 4.

**A. 6 (3). A. C. Electricity and Radio Telephony.**—Advanced theory of vector analysis, transient phenomena, motor design and operation, and power transmission. Production propagation and reception of electromagnetic waves and a thorough discussion of the design and operation of the various types of radio receiving sets. Prerequisites: Physics 5 and Mathematics 4.

**A. [7] (3). Analytical Mechanics.**—This course is a mathematical study of the fundamental principles of mechanics including center of gravity, rectilinear and curvilinear motion, moment of inertia, and kindred topics. Prerequisites: course B. 3, 4 and Mathematics A. 6.

**A. [16] (3). Teaching of Physics.**—A discussion of subject matter and general methods of presenting the subject in secondary schools. Also observational work and demonstrations by the students on assigned topics. Prerequisite: course B. 3, 4.

**A. 10 (1). Physics Reports.**—A wide reading of current magazines together with a weekly report on some current topic in physics is required of each student. A general discussion follows the presentation of these reports in class. Prerequisite: course B. 3, 4.

## SPEECH

PROFESSOR HESS

**B. 11 (3). Principles of Speech and Interpretation.**—A course in general speech education and fundamentals of interpretation. Prerequisite to courses B. 13 and 16.

**B. 15-16 (4). Dramatic Art.**—The aim of this

course is to give the student elementary principles of standards of acting, character interpretation and producing. One recitation and two laboratory periods each week. Not open to Freshmen.

**A. 17-18 (4). Advanced Dramatic Art.**—A more intensive study of the technique of acting and producing. Courses open to Juniors and Seniors with consent of instructor. One recitation and two laboratory periods each week.

**B. 14 (2). Story Telling.**—Sources of story material, the selection of different types of stories suitable for the different ages of childhood. Principles of effective story telling, with actual practice. Each student is required to appear in a program of stories.

**B. 1 and B. 2 (3). Public Speaking.**—A course to train the student in impromptu, extempore and formal delivery. A study of the different types of public address. Students will prepare and deliver brief addresses. Course repeated second semester.

**A. 19 (2). Expression Methods.**—A course for majors. A study of teaching methods. One hour recitation and two hours observation and practice teaching.

**B. 3 (3) Argumentation and Debate.**—A study of the principles of argumentation with practice in application by written briefs and oral argumentation. Important public questions studied and debated.

**B. 4 (2). Advanced Debate.**—This class is intended for students who have won in the preliminary debate contests. Teams from this class represent the College in the annual intercollegiate debates.

**B. 5 (2). Oratory.**—In this course especial attention is given to the study of orations, as to composition, structure, style, logic, and thought. An

original oration is required to be given by each student. This oration may be used in the intercollegiate contests.

## MODERN LANGUAGES

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

### FRENCH

Professor Utrecht

**Major.**—A major shall consist of a minimum of eighteen hours exclusive of the first year (10 hours.) It is recommended that anyone taking a major in French shall have had two years of Latin and shall elect courses in Spanish, in Medieval and Modern European history and in the history of English literature. It is advised that students who plan to major in French should consult with the department before the close of the sophomore year for special guidance and for advice as to courses to be taken in other departments.

**B. 1 (5). Elementary French.**—Grammar, pronunciation, reading. Text: *The New Fraser and Squair French Grammar*. No credit toward graduation is given for this course unless course B. 2 (5) is completed.

**B. 2 (5). Elementary French.**—Course 1 continued. Grammar, conversation and reading of easy modern prose. Prerequisite: Course B. 1 (5).

**B. 3 (3). Second Year French.**—Reading of such authors as Daudet, Maupassant, About, France, Loti, Rostand, Augier, Moliere. Prerequisite: Course B. 2 (5). No credit toward graduation is given for

this course unless Course B. 4 (3) is completed.

**B. 4 (3). Second Year French.**—Course B. 3 (3) continued. Prerequisite Courses B. 3 (3).

**B. 3a (2). Second Year French Composition.**—Writing and speaking. Is best taken in connection with Course B. 3 (3).

Prerequisite: Course B. . (5). Required of major students. No credit toward graduation is given for this course unless Course B. 4a (2) is completed.

**B. 4a (2). Second Year French Composition.**—Course B. 3a (2) continued. It is best taken in connection with Course B. 4 (3).

**A. [5] (3). Modern French Drama.**—Reading of significant dramatists, such as Brieux, Hervieu, Maeterlinck, Rostand, discussions and reports. Prerequisite: 16 hours.

**A. [6] (3). Modern French Novel.**—Reading of noteworthy novelists such as Barres, Bourget, Anatole France, Rod, Zola: discussions and reports. Prerequisite: 16 hours.

**A. 7 (2). The French Romantic School.**—Early Nineteenth Century writers, Hugo, Lamartine, Merimee, Musset, George Sand. Prerequisite: 16 hours.

**A. 8 (2). The French Romantic School.**—Course A. 7 (2) continued. Prerequisite: 16 hours

**A. 9 (2). Advanced Composition and Conversation.**—Prerequisite: Course B. 4a (2).

**A. 10 (2). Teachers' Methods Course.**—Note:—Courses A. 9 (2) and A. 10 (2) are offered when there is sufficient demand.

## GERMAN

Professor Utrecht

**B. 1 (8). Elementary German.**—The essentials of grammar. Practice in speaking and writing Ger-

man. Easy reading. No credit toward graduation is given for the course unless Course B. 2 (5) is completed.

**B. 2 (5). Elementary German.**—Course B. 1 (5) continued. Easy selected texts from modern writers. Prerequisite: Course B. 1 (5).

**B. 3 (3). Second Year German.**—Modern prose, such as Njese's "Aus dänischer Zeit", Fulda's "Unter Vier Augen", Arnold's "Fritz auf Ferien", etc. Prerequisite Course B. 2 (5). No credit toward graduation is given for this course unless Course B. 4 (3) is completed.

**B. 4 (3). Second Year German.**—Course B. 3 (3) continued. Readings from more advanced texts, such as Mogk's *Deutsche Sitten und Brauche*, Heine's "Harzreise", Karl Schurz's "Lebenserinnerungen", etc. Prerequisite: Course B. 3 (3).

Note—A Third year's German may be given if there is sufficient demand.

## SPANISH

MISS PIKE

**B. 1 (5). Elementary Spanish.**—Grammar, conversation and easy readings. No credit toward graduation is given for this course unless Course B. 2 (5) is completed.

**B. 2 (5). Elementary Spanish.**—Course B. 1 (5) continued. Grammar, conversation, and translation of easy modern prose. Prerequisite: Course B. 1 (5).

**B. 3 (3). Second Year Spanish.**—Modern prose writers. Attention is given to reading as well as to translation. The material is chosen from the writings of modern novelists and dramatists such as Alarcón, Galdos, Vital, Aza, the Quinteros, etc. Prereq-



quisite Course B. 2 (5). No credit toward graduation is given for this course unless Course B. 4 (3) is completed.

**B. 4 (3). Second Year Spanish.**—Course B. 3 (3) continued. Prerequisite: Course B. 3 (3).

A third year's work in Spanish may be given when there is sufficient demand.

**DEPARTMENT OF FINE ARTS**

**JESSIE BROWN, B. M., Dean**  
Piano.

**G. LEWIS DOLL, B. M.**  
Violin Orchestra and Theory.

Expression, Public Speaking.  
To be filled.

**FERN LINGENFELTER, B. M.**  
Instructor in Piano.

The Department of Fine Arts offers standard courses in Music and Art and is maintained with the express idea of offering the best in the way of aesthetic instruction. Realizing the increased importance of the above course in the college curriculum the system of credits and of work has been regulated best to agree with the requirements of the North Central Association of Colleges. All work is accredited.

Besides its relation with the college department the Music Department offers courses leading to a Teachers Certificate, which is a recognition of the student's qualifications as a teacher; Diploma, in which the student is recognized as a performer and as a general musician; and Degree, in which the student is qualified to go out as a director of music with the full assurance that the school will stand ready to offer recommendations up to the full limit of the student's power professionally.

**PIANO**

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.

It is the purpose of this department to begin aright. Great stress is laid on SLOW PRACTICE, and much care is taken as to tone quality. The pupil is well drilled in the different varieties of finger, wrist, and arm touches.

It is the aim of this department to keep closely in touch with the most enlightened methods of instruction, to impart style, finish, and artistic interpretation.

The course of study is divided into Certificate, Diploma, and Degree.

### (Grades 1 and 2)

#### FIRST YEAR.

**Studies.**—Elements of pianoforte playing, including hand culture, touch, notation and rhythm; technical exercises from Schmitt; elementary studies from Czerny, Gurlitt and others; easy selections from Lichner, Diller-Quaile, Crosby-Adams, Rughey-Davis, Gaynor, Gurlitt, Spindler, etc. 4 hours.

#### SECOND YEAR.

Selected Studies from Doring, Brauer, Czerny, Bertini, Burgmuller, Concone, Gurlitt; easy sonatas from Clementi, Reinecke, Diabelli; technical studies from Schmitt; compositions from Schumann, Wilm, Gurlitt, Kullak, Gade, Rheinhold, and others. 4 hours.

#### CERTIFICATE THIRD YEAR.

**Studies.**—Bertini, Heller, Lecoupey, Leoschhorn, Czerny, Berens; sonatas from Kuhlau, Dussek; technical exercises from Weilmayer or Beringer; Hanon compositions from Mendelssohn, Scharwenka, Goddard, Raff, and Greig. 4 hours.

## FOURTH YEAR

**Studies.**—Heller; easier compositions from Bach, Czerny; easy sonatas from Haydn, Mozart; technical exercises from Beringer; Hanon compositions from Greig, Godard, Schubert, Neupert, Mendelssohn, Chaminade, Schumann, and others. 4 hours.

## DIPLOMA FIFTH YEAR

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

## DEGREE SIXTH AND SEVENTH YEARS

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

The degree Bachelor of Music is granted to students finishing the degree course. For details of theoretical requirements see page 93, ff.

## CLASS WORK

Class work in piano is given for children between the ages of five and ten. All teaching is directed toward the development of the artistic nature of the child. Includes ear-training and biography, in connection with technical training at the keyboard.

**Practice Pianos.**—All pianos used for practice by students of the piano school or of the vocal school must be tuned at the beginning of each semester.

Pupils practicing in private homes must have practice rooms properly heated, free from intrusion of any kind. If on account of sickness or for any other reason the pupil is prevented from practicing,

arrangements must be made by the renter of the piano for the pupil to practice elsewhere.

## VOCAL SCHOOL

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

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

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

Strict attention to a definite length of course in vocal music cannot be followed, as special cases and talents make it vastly difficult for such a unity in requirements with respect to time spent in the development. Exercises are presented for each individual's development as the case necessitates. For details of requirements for graduation see page 98, ff.

The following is a general outline of the courses offered in this Department.

**First Year.**—Study of intervals, portamenti, etc. *Sieber and Concone Vocalises*, Songs by English and American Composers.

**Second Year.**—Major, Minor, and Chromatic scales, etc. *Advanced Vocalises of Concone*, Songs of Classic composers. *Arias of moderate difficulty.*

**Third Year.**—Bordogni, Advanced Exercises, study of Oratorios of Handel and Mendelssohn, etc. Operas of Gounod, Offenbach, Flotow, Verdi, etc. Super Diction—Graveure.

**Fourth Year.**—Advanced Vocalises of Marchesi and Bordogni. Songs from the Classic lieder, Schubert, Schumann, Rubinstein, Liszt, etc. Songs from modern Oratorios and Operas. In addition to the above, two years of harmony, two years of History, one year of Piano, and one year of Composition are required.

### CHORAL SOCIETIES

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

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

The Ladies' Glee Club shows exceptional spirit in some of the most accomplished of modern choruses.

### MALE QUARTETTE

An organization of distinction which has made a decided mark for itself the last few years in the McPherson College Male Quartette under the personal direction of Miss Penner, the voice instructor. The personnel is chosen from the students of the voice

department and the entire year is spent in strenuous practice of only the highest type of music, and ultimately the rendition of concerts in towns, within the state and states surrounding.

## VIOLIN

The need of expert instruction from the beginning is perhaps more essential in Violin than in any other instrument, due to the unnatural positions which the student must assume and cultivate until he has become thoroughly acquainted with various phases of good violin playing. Although difficult to master, the violin always stands supreme among orchestral and solo instruments because of its intimacy to the player and because almost from the beginning, one derives the utmost pleasure from its study.

The Belgian School of Violin playing is followed, but the student must be familiar with all schools to a greater or less degree. The course is divided into Certificate, Diploma, and Degree courses, of four, five and seven years respectively.

### PREPARATORY COURSE

**First Year.**—Two lessons a week. Studies from Henning, Hohman, Sitt. Etudes from Kayser, Wohlfart, Dancs. Easy pieces, duets, etc. Scales.

**Second Year.**—Two lessons a week. Technical studies from Sencik, Casorti, Sitt, Dont, Kayser, Schradieck, with a thorough study of first five positions. Concertos by Rode, Kreutzer. Standard solos, according to student's ability. Elementary study of Kreutzer etudes. Scales.

### CERTIFICATE COURSE

**Third Year.**—Two lessons a week. Studies from Sevcik, Schradieck, Mazas, Kreutzer. Etudes reviewed and thoroughly studied. Standard solos and concertos by De Beriot Spohr, Viotti and Uhe.

**Fourth Year.**—Two lessons a week. Studies from Sercik, Schradieck, Correlli, Tartini. Studies from Fiorillo, Rode, Mazas. Intense work in Kreutzer, including correct left hand work and bowing. Concertos by Wieniawski, Viotti, Spohr. Sonatas by Handel, Grieg, Gade, Tartini, Mozart. Credit for recital numbers.

### DIPLOMA COURSE

(Leading to degree Bachelor of Music in Violin)

**Fifth Year.**—Thorough review of fourth year with systematic study of various scale studies in double stops, four octave scales, accuracy in position work, and mastery of bow. Studies selected according to the student's need. Beethoven's Sonatas, Sonatas by Franck, D'Indy, Parent, Mozart, Reger. Concertos by Mendelssohn, Bruch, and others.

### DEGREE COURSE

**Sixth and Seventh Years.**—Devoted to finish and repertoire. Studies as needed. Study of Violin, its history and various schools of playing. Knowledge of orchestral instruments and of orchestration. Each degree student must write and orchestrate a composition of not fewer than fifty measures and must play standard concerts with orchestra. Advanced composition by J. S. Bach, Vieuxtemps, etc. Two years of piano are also required.

### VIOLA

The Viola should be studied by every advanced violin student because of the advantage gained in technical achievement and for ensemble playing, string quartets, trios, etc.

### CLASS INSTRUCTION

Violin class instruction for very beginners is being offered to College and Fine Arts students for two reasons. First it is for the benefit of students who



are not sure of their ability or talent for violin. The low tuition rate is favorable. Second, for the needs of the Public School Music students. The demand is for teachers who can lead an orchestra well, and the knowledge of the violin is prerequisite.

Classes are arranged with a maximum of only four members each. Offered to each student for one semester only. Full credit.

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

### ORCHESTRA

The Orchestra is open to all who desire to learn something of standard orchestra works and who pass suitable examinations for admission. Three orchestras are maintained, viz.: The Symphony Orchestra, Chapel Orchestra, and the Children's Orchestra. The first does a great deal of concert work. Only music of the highest quality is studied. One hour credit is given.

### BAND

An opportunity is offered for those who wish to play and receive instructions on any band instrument. Those who wish to play must avail themselves of the best instruments.

### THEORY OF MUSIC

1. *Rudiments*.—A course in notation, using most important clefs, rhythm, scales, intervals and terminology as a prerequisite to the following courses. It is not only of utmost value to those who have had

no musical training, but to music students who have not had theoretical training as well. 1 hour.

### **Harmony (Prerequisite Course 1)**

2. First year.—Thorough course in scales, intervals, chords, and beginning of four part writing. Practical work. 2 hours.

3. Various chords of the seventh, ninth, and their inversions. Easy modulations. Practical work. 2 hours.

4. Second year.—Modulations, key relations, altered chords. Much practical work required. 2 hours.

5. Non-essential tones, dissonances, modern harmony, and review. Notebook required. Practical work in advanced harmony. Instrumental Application. 2 hours.

### **Harmonic Analysis (Prerequisite: Courses 1-5)**

6. Detailed analysis of standard and representative masterpieces. Explanations of chord formations, dissonances, and modulations. 2 hours.

7. **Keyboard Harmony.** (Prerequisite : Courses 1-5). Practical work at the piano in harmonizing melodies, figured and unfigured basses, and transposition. 1 hour.

### **Instrumentation (Prerequisite :Courses 1-4)**

8. Analysis of scores; study of instruments of the orchestra and band; arranging of easier compositions for same. 2 hours.

### **Counterpoint (Prerequisite: Courses 1-3)**

9. Counterpoint in a detailed study of fundamental rules and two part writing in the various species. 2 hours.

10. Counterpoint in three, four, and more voices.

Double counterpoint, and the advanced application of counterpoint. 2 hours.

**Canon and Fugue (Prerequisite: Courses 1-7)**

11. Canon in a detailed study of the various devices of canon and canonic imitation. 2 hours.

12. Fugue, its relation to composition and the structural development of fugue. Practical work and a thorough analysis of standard works. 2 hours.

**Form and Composition (Prerequisite: Courses 1-7)**

13. Elementary form and study of the homophonic form of smaller composition. Practical work and analysis. 2 hours.

14. Composition in miniature and application of the preceding course Individual work. 2 hours.

**Composition and Orchestration**

(Prerequisite: Courses 1-14.)

15. Advanced form and composition in the larger forms. Development of variations on a theme, working out of concerto, sonata, or other forms at the discretion of the instructor. 2 hours.

16. Advanced Instrumentation and arranging of some standard work for orchestra. 2 hours.

**Conducting (Prerequisite: Course 1)**

17. A two-hour course open to all students of music, but required of all candidates for Diploma, Degree and Public School Music Certificate. Thorough drill in the technique of the baton with opportunity for practical work; all phases of music necessary to the leading of an organization are considered, including a study of orchestral and band instruments and their characteristics; practical work in transposition. 2 hours.

### Ear Training (Prerequisite: Course 1)

18 A. This course includes a recognition of intervals, a study of rhythms, writing of simple melodies from dictation: The course trains the ear to hear correctly and the mind to think musically. 2 hours.

### Appreciation

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

20. Sight Singing.—One hour. Solfeggio in all keys, beginning with the simplest and most fundamental problems in pitch and rhythm; two-part singing. 2 hours.

21 A. Sight Singing.—One hour. Involves mastery of all tonal and rhythmic problems common in choral music; singing by syllable, interval, neutral syllable, interval, neutral syllable and words, in all keys; two, three, and four-part singing. 2 hours.

### Accompanying

21. A course in accompanying will be offered by the heads of the respective departments in which the student is interested. This is intended to give pianists a chance to do real accompanying work under supervision. Such work will be private and subject to the same rulings as private lessons. In large conservatories this is a very popular course owing to the demand everywhere for capable accompanists.

### History of Music

22. Study of ancient and medieval music and polyphonic schools. Folk music and ancient modes in detail. **2 hours.**

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

### Normal Training

24. A course in Normal Training of Music is offered which is designed to equip the student for teaching privately. No prospective teacher of piano or instrumental should miss this course. Required of piano graduates. **Two hours.**

(25). *Acoustics.* A study of sound in its relation to music studies.

This subject should be of interest and value to all musicians, by whom it is too little understood. **One hour.**

## PUBLIC SCHOOL MUSIC

This course is designed to fill the demand for competent supervisors of music in the public schools. Upon the student's completion of 60 hours (two years above the high school) as outlined by the State Board of Education, a special certificate is issued by this Board. For a detailed outline of the requirements see page 98, ff., of this catalog.

### First Year

25-26. *Public School Music Methods.* Two hours. Kindergarten methods, songs, games, material. Primary grades, the child voice, methods of teaching. Rote songs, observation songs, sight singing. Devices and material. **4 hours.**

28. *Folk Games.* Study of folk games for grades

and playground work. First year floor work, 1 hour.

### Second Year

29-30. Public School Music Methods. Two Hours.

Classification of voice, intermediate grades.

Music appreciation, songs.

Methods in grammar grades.

Methods in high school.

Outlines for teaching harmony.

Outlines for teaching music history.

Outlines for musical activities, cantatas, operettas, oratorios. 4 hours.

31. Chorus or Orchestra attendance regularly one hour a week.

### PUBLIC SCHOOL MUSIC

| First Year.               | 1st Sem. | 2nd Sem. |
|---------------------------|----------|----------|
| Harmony I. ....           | 2        | 2        |
| History Music .....       | 2        | 2        |
| Appreciation .....        | 1        | 1        |
| Sight Singing .....       | 1        | 1        |
| Ear Training .....        | 2        | 2        |
| Piano .....               | 2        | 2        |
| Voice .....               | 1        | 1        |
| Folk Games .....          | 1        |          |
| Public School Music ..... | 2        | 2        |
| Second Year.              | 1st Sem. | 2nd Sem. |
| Harmony II. ....          | 2        | 2        |
| Conducting .....          | 1        | 1        |
| Ear Training II. ....     | 2        | 2        |
| Sight Singing II. ....    | 1        | 1        |
| Public School Music ..... | 2        | 2        |
| Piano .....               | 1        | 1        |
| Voice .....               | 1        | 1        |
| Methods and Management.   | 3        | 3        |
| Psychology .....          | 3        |          |
| Chorus .....              | 1        |          |

Other requirements are listed on page 98, ff.

## GENERAL REQUIREMENTS for GRADUATION from PIANO, VOICE, or VIOLIN DEPARTMENTS

### Certificate Course

**Applied Music.**—Prescribed course of study plus one year of piano for violin candidates.

**Theory.**—Courses 1, 2, 3, 4, 5, 6, 17, 18, 19, 22, 23 and 24.

**Literary.**—Three years of high school English; at least eight units in the Academy.

### Diploma Course

**Applied Music.**—Prescribed course of study plus two years piano for violin and voice students.

**Theory.**—Courses 1, 2, 3, 4, 5, 6, 9, 10, 13, 17, 18, 19, 22, 23 and 24.

**Literary.**—High school diploma; three years modern languages; one year college English and three hours of Psychology, plus three years modern language for voice students.

### Degree of Bachelor of Music

**Applied Music.**—Prescribed course of study plus two years piano for violin and voice students.

**Theory.**—Courses 1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14, 17, 20, 21, 22, 23, and 24.

**Literary.**—High School diploma, one year college English, Public Speaking, Psychology, plus three years foreign language for voice students.

### PUBLIC SCHOOL MUSIC CERTIFICATE

(Requirements of State Board of Education)

**Applied Music.**—Two years piano and two years voice (Violin may be substituted for one year of voice.) Two years experience in orchestra

or chorus. Technical proficiency and musical aptitude will in a large measure determine the student's success as a teacher.

**Theory.**—Courses 1, 2, 3, 4, 5, 15, 16, 16a, 17, 18, 18a, 20, 21, and courses 25, 26, 27, 28, 29, 30, inclusive listed under **Public School Music**.

**Literary.**—High school diploma plus 60 hours of work of college grade arranged as follows: 9 hours music (including applied music and theory as listed above), 9 hours Psychology and Education (Methods and Management); 3 hours Freshmen English, if four years were not offered for entrance, and 30 hours selected from the College of Liberal Arts or Department of Fine Arts.

### **RULES GOVERNING MUSIC SCHOOL**

The course in Rudiments or its equivalent will be required of all acquiring students who desire college credit.

All public productions pertaining to the Department of Music must be passed upon by the head of the proper department or a committee from the faculty.

Students wishing to major in Music should consult with the Music Department faculty in regard to their courses of study before they enroll.

Candidates for graduation from any department in music school, are required to take two lessons per week major subjects during year of graduation, and must pass an examination before a board composed of members chosen from faculty of this department.

All students are required to study with head of the department in which they major during year of graduation.



**PRICES OF COURSES**

Piano, Voice, Violin, under head instructor.

|  | 1 30-min. les.<br>a week | 2 30-min. les.<br>a week |
|--|--------------------------|--------------------------|
| Miss Brown .....                       | \$25.00                  | \$50.00                  |
| Miss Penner .....                      | 25.00                    | 50.00                    |
| Mr. Doll .....                         | 25.00                    | 50.00                    |
| Miss Chapman .....                     | 20.00                    | 40.00                    |
| Under assistant .....                  | 15.00                    | 30.00                    |
| Under assistant .....                  | 18.00                    | 36.00                    |
| Juvenile work,<br>under Mr. Doll ..... | 18.00                    | 36.00                    |
| College Violin Class                   | \$13.50 each student.    |                          |

History, Theory, Harmony, Counterpoint, Canon and Fugue, Form, Composition, Orchestration, Ear Training, Conducting, Sight Singing, Public School Music Methods, or Folk Games. A semester hour—\$5.00.

When less than five are in one class tuition will be charged at rates of private lessons divided equally among the class.

No reduction made for lessons missed through fault of student and such lessons will be made up only through the courtesy and at the discretion of the instructor.

Lessons falling on legal holidays, when general school activities are suspended, will not be made up.

Lessons missed through sickness will be arranged to suit the convenience of the instructor.

**CLASS INSTRUCTION FOR CHILDREN**

From 5-12—four in class—each semester (45 minute lesson a week)—each pupil—\$9.00.

## EXPRESSION

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 in this department the aim is to stimulate the highest thoughts and emotions. The student is encouraged to maintain 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 or speaker is a rare accomplishment. Practically considered it is an aid to every other subject belonging to a course of instruction. For allied courses see speech and Physical Training.

## ART

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

### NORMAL ART COURSE

|                                 | Hours |
|---------------------------------|-------|
| Industrial Art for grades ..... | 2     |
| Elementary Design .....         | 2     |
| Commercial Art .....            | 2     |
| Charcoal Drawing .....          | 2     |
| Clay Modeling .....             | 1     |
| Black Board Drawing .....       | 2     |
| Painting .....                  | 2     |
| Industrial Art for H. S. ....   | 2     |
| Adv. Design .....               | 2     |
| Interior Decorating .....       | 2     |



makes beautiful pictures for your home or room. The colors are rubbed into sanded board. **Class lessons, 3 hours each. Limit, 6 in a class. 1½ hrs. credit. A semester, one lesson a week.**

**Oil Painting.**—This course will be taught if sufficient demand is made. A semester a week \$15.00.

**14. Drawing and Charcoal.**—This course is especially helpful to students who wish to teach art in public schools. A few lessons are given in Poster and Letter Making, Designing, Water Color, and Modeling. Then pencil and charcoal drawing from objects, still life, nature and human life. **Class lesson, 3 hours. (Once a week). 1½ hrs. credit.**

Course V. is intended for public school teachers and is elective without extra tuition.

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

## STENOGRAPHY

**1. Shorthand 1.**—This course will consist of a thorough study of the Greg Shorthand System, which includes learning the principles of the system, an extensive vocabulary of word signs and contractions, as well as some elementary dictation. **First semester, ½ unit.**

**2. Advanced Shorthand.**—The work in this course is a continuation of Course 1, including phrase writing. Gregg Speed Studies will be used as the text. Considerable time will be devoted to reading practical business letters and some literature written in shorthand. The work of the last few weeks of the semester will consist of dictation and transcription exclusively. **Second semester, ½ unit.**

**3. Typewriting.**—The touch system, **THE ONLY SYSTEM,** is being taught. The course begins with

some extensive keyboard drilling which familiarizes the student with the letters, figures, and symbols, following which regular speed writing is taken up. Tabulating, statement writing, and care of the machine are other features included in the course. First and second semesters,  $\frac{1}{2}$  unit.

4. **Spelling.**—An attempt will be made toward the development of a comprehensive business vocabulary through the study of the meaning and use of business words and terms. First semester.

## THE SUMMER SCHOOLS.

### McPHERSON COLLEGE SUMMER SCHOOL

#### THE TEACHING STAFF

**D. W. KURTZ, A. M., B. D., D. D.**

Justia College, Yale, Leipzig, Berlin, Marburg.  
Philosophy.  
President.

**J. A. BLAIR, A. B., A. M.**

Kansas University, Colorado University,  
Education and Psychology.  
Director of the Summer School.

**J. W. HERSHEY, M. S., Ph. D.**

Gettysburg College, Harvard, Johns Hopkins, Chicago.  
Science.

**J. L. HOFF, A. B., B. D., A. M.**

Manchester College, Bethany Bible School, Northwestern University.  
Education and Social Sciences.

**J. D. BRIGHT, A. B., A. M.**

Manchester College, University Wisconsin.  
English and History.

**JESSIE BROWN, B. M.**

Bethany Conservatory, Royal Conservatory Leipzig, Germany  
Director of the Piano Department.

**J. H. FRIES, A. B.**

McPherson College.  
Business Manager Summer School.

**G. LEWIS DOLL, B. M.**

Kirkville Missouri State Teachers College, Bethany Conservatory.

Student of W. B. Kinneear, Arthur E. Ube.  
Violla.

**W. B. KINNEAR.**

Public School Music, Methods in Music, Ear Training, Music History.

**MRS. IVA GILSON, B. M.**

McPherson College, Sherwood Conservatory Student of Silber and Podalsky  
Piano

The summer school is one of the regular annual terms of school in McPherson College. It is designed to provide an opportunity for students to progress more rapidly toward some undergraduate degree or correct irregularities in their various courses. It also makes it possible for teachers to continue self improvement while in service as well as to qualify for renewal of certificates. The college courses offered are essentially the same in character, method, and credit value as in other parts of the school year. Every course is taught by regular instructors of the college staff. The 1927 summer term will begin June 6 and will close July 29. The amount of college work for which registration may be made in eight semester hours.

In addition to the college courses which are available, a limited number of courses are provided for high school students who find it possible to gain time by summer study. High school students may register for one unit of high school or academy work.

Tuition in the college is \$3.00 a credit hour. Academy tuition is \$15.00 a unit. Board and room in the college dormitory may be secured at \$5.00 a week. Further information regarding the summer term may be secured by addressing Professor J. A. Blair, McPherson, Kansas.

## ROCKY MOUNTAIN SUMMER SCHOOL

## THE FACULTY

D. W. KURTZ, A. M., B. D., D. D.

Juileta College, Yale University, Leipzig, Berlin, Marburg,  
Philosophy.  
President of McPherson College.

H. H. NININGER, A. B., A. M.

McPherson College, Pomona College, University of California,  
Professor Biology, McPherson College.  
Nature Study.

B. E. EBEL, A. B., A. M.

McPherson College, Kansas University, Harvard University  
Professor Modern Languages, University of Redlands,  
Spanish, French, History

MISS SADIE GLUCKLICH, A. B.

Kansas State College, Chicago University, Columbia University  
Educational Courses.

MARY EDITH McGAFFEY, A. B., A. M.

McPherson College, University of Kansas University of  
Chicago  
English Courses.

GEORGE NICHOLAS BOONE, A. B., M. S.

McPherson College, Kansas Manual Training School, Wiscon-  
sins University.  
Educational Courses.

MISS HELEN WHITAKER, A. M.

Professor of Astronomy  
Washburn College.  
Mathematics and Astronomy

The Rocky Mountain Summer School is an extension of McPherson College which has been established to serve public school teachers and college students who find it desirable to earn credits during the summer months and who at the same time feel the need of recreation such as is offered by the cool and invigorating atmosphere of the Rocky Mountains. It is located at Palmer Lake—one of the beauty spots of Colorado—with an altitude of 7280 feet. The location has the advantage of being readily

accessible and at the same time immediately surrounded by the richest of mountain scenery.

Ample facilities in the form of school buildings and summer cottages are supplied by the village and laboratory and library facilities are transported from McPherson. Teachers from the regular faculty of McPherson College make up the teaching staff. All work is of standard grade and applies on the regular course for a degree. The work is recognized by the State Board of Education and many apply on certificates the same as that done on the campus at McPherson.

Expense are \$3.00 a credit hour, plus a \$3.00 enrollment fee.

Living expenses are from \$8.00 a week up. This item can be reduced by several students renting a cottage and boarding themselves.

Correspondence regarding the Rocky Mountain Summer School should be directed to Professor H. H. Nininger, McPherson, Kansas.

Registration for the 1927 session Monday, June 13, at Palmer Lake, Colorado.



# ' O SACRED TRUTH

M. Thurston College Song.

Words by J. A. Stewart.



1. March out on broad Kansas plains, March not in vain are we, For we will strike with meek and meek. That right and truth may be.
2. That soldiers once with sword of might, Worshipped for our freedom long, And now to keep our parents' wharfe, Will be our purpose strong.
3. We are an army - on the way, Some day the end will see Unhappy grown and there they'll say, We're the good M. C.



The student here to cheer his dream Of life that's yet to be, Of future days and years that'll come The land for old M. C.  
Beneath the yoke of seamy days, Let truth and freedom reign, With our College let us praise The good that's here in days.  
Dear Truth, without thee we must fall, O, then our pillar be, O, Truth be thou our flag for aill, And stand for our M. C.

Chorus



We'll cheer for our M. C. We'll cheer for dear M. C. While words do bring And numbers ring, We'll love for dear M. C.



## STUDENT REGISTER 1926-1927

## SENIORS

|                    |                         |
|--------------------|-------------------------|
| Baird, Marcella    | Guyman, Otis            |
| Baldwin, Leland    | Walberty Grove, Ill.    |
| Bickensstaff, Paul | Nampa, Idaho            |
| Brack, Nellie      | McPherson, Kansas       |
| Carlson, Martin    | McPherson, Kansas       |
| Casler, Winstead   | Hendon, Kansas          |
| Clemens, Everett   | McPherson, Kansas       |
| Coffman, Ruth      | McPherson, Kansas       |
| Coffman, Virgil    | McPherson, Kansas       |
| Crist, Lee         | Stidmers, Mo.           |
| Davis, Merle       | Pitt, Mo.               |
| Derivaco, Vera     | Hampton, Iowa           |
| Dean, George       | McPherson, Kansas       |
| Dick, Paul         | Arnpoh, Mo.             |
| Dobson, J. Moffat  | La Junta, Colo.         |
| Ebbert, Oelde      | McPherson, Kansas       |
| Eby, Homer         | McPherson, Kansas       |
| Fine, Murrel       | Sebeta, Kansas          |
| Fleming, L. Avery  | McPherson, Kansas       |
| Fry, Elton         | McPherson, Kansas       |
| Gelzer, Ester      | Froid, Mont.            |
| Glasser, Adelaide  | Oswego, Kansas          |
| Haraly, Mary       | McPherson, Kansas       |
| Haraly, Virginia   | Pacific Palmdes, Calif. |
| Hollen, Julia      | Thomas, Okla.           |
| Holt, Spencer      | McPherson, Kansas       |
| Hoover, Ralph      | McPherson, Kansas       |
| Horn, Ray          | McPherson, Kansas       |
| Hustea, Ora        | Gaffrie, Okla.          |
| Inchberry, Bertha  | Galief, Kansas          |
| Jackson, C. V.     | McPherson, Kansas       |
| Kaufman, Otto      | Ball, Kansas            |
| Kline, Florence    | McPherson, Kansas       |
| Kolow, Virginia    | May, Kansas             |
| Kurtz, Floyd       | Billaga, Mont.          |
| Kurtz, Beth        | Natvile, Ohio           |
| Lakman, Harvey     | Abilene, Kansas         |
| Langel, Anna       | Burlington, Colo.       |
| Langel, Charles    | Burlington, Colo.       |
| Lawr, Ruth         | Fortia, Kansas          |
| Lipsonb, Bealy     | Froid, Mont.            |
| Lindberg, Waldemar | Galva, Kansas           |
| Long, H. C.        | McPherson, Kansas       |
| Long, Mrs. H. C.   | McPherson, Kansas       |
| Luckhough, Ralph   | McPherson, Kansas       |
| McConkey, Elsie    | McPherson, Kansas       |
| McGaffey, Nellie   | McPherson, Kansas       |

|                    |                   |        |
|--------------------|-------------------|--------|
| McMullen, Leo      | Gaylord,          | Kansas |
| Merby, George      | Furth,            | Kansas |
| Merby, Ida         | Portis,           | Kansas |
| Metzger, Ethel May | Lawrence,         | Kansas |
| Miller, Lena       | McPherson,        | Kansas |
| Musiel, Josef      |                   | Japan  |
| Mitchel, Orville   | McPherson,        | Kansas |
| Myers, Lola        | Lowell,           | Kansas |
| Nail, Willie       | Redfield,         | Kansas |
| O'Connor, Walfrid  | Oxleyberg,        | Kansas |
| Pachover, Walter   | McPherson,        | Kansas |
| Paed, Earl         | Abilene,          | Kansas |
| Roet, Kenneth      | Navarre,          | Kansas |
| Retlock, Gleg      | Holmesville, Neb. |        |
| Sager, Howard      | McPherson,        | Kansas |
| Scott, Hazel       | Newton,           | Kansas |
| Shatto, Lena       | McPherson,        | Kansas |
| Shaver, Robert     | Merrill,          | Kansas |
| Stetman, Maurice   | Thomas, Okla.     |        |
| Swander, Gertrude  | McPherson,        | Kansas |
| Swopa, Kathryn     | Hempfle, Mo.      |        |
| Wass, Mary         | Fredonia,         | Kansas |
| Wagoner, Nellie    | McPherson,        | Kansas |
| Wagoner, Ray       | McPherson,        | Kansas |
| Williams, Gladys   | McLouth,          | Kansas |

## JUNIORS

|                   |                |        |
|-------------------|----------------|--------|
| Barton, Frank     | Redwood,       | Oregon |
| Bayer, Mabel      | McPherson,     | Kansas |
| Bower, Viola      | Abilene,       | Kansas |
| Brown, Roberts    | Hatchinson,    | Kansas |
| Burgh, Kathryn    | Hickerson,     | Kansas |
| Burgh, Mariah     | Hickerson,     | Kansas |
| Cada, Vera        | McPherson,     | Kansas |
| Caldwell, Eleanor | McPherson,     | Kansas |
| Church, Arlene    | McPherson,     | Kansas |
| Crispacher, Leo   | McPherson,     | Kansas |
| Cyril, Loree      | McPherson,     | Kansas |
| Darrak, Nellie    | McPherson,     | Kansas |
| Dennis, Sylvia    | Wichita,       | Kansas |
| Edin, June        | McPherson,     | Kansas |
| Egan, Franklin    | Kearney, Neb.  |        |
| Giles, George     | McPherson,     | Kansas |
| Graham, Melvina   | Kansas City,   | Kansas |
| Hawkins, Clarence | Holton, Okla.  |        |
| Holmwood Olga     | Cushing, Okla. |        |
| Hoover, Ruth      | Overbrook,     | Kansas |
| Howard, Pearl     | McPherson,     | Kansas |
| Iida, Mildred     | Hops,          | Kansas |
| Irig, Porter      | McPherson,     | Kansas |
| Jamison, Lloyd    | Quinter,       | Kansas |
| Kaufman, Braed    | Shell,         | Kansas |
| Kaufman, Nemo     | Moundridge,    | Kansas |
| Kain, Howard      | Hempfle, Mo.   |        |

|                      |                      |
|----------------------|----------------------|
| Kilmer, Glenn        | McPherson, Kansas    |
| Libby, Mildred       | Little River, Kansas |
| Lindbloom, Autumn    | McPherson, Kansas    |
| Martin, LeVerne      | Nampa, Idaho         |
| Markey, David        | Cloud Chief, Okla.   |
| Moyers, Myrtle       | Ames, Okla.          |
| Nygul, Leona         | McPherson, Kansas    |
| Philippi, Albert     | Formoso, Kansas      |
| Richards, Evelyn     | McPherson, Kansas    |
| Roakam, Mabelle      | McPherson, Kansas    |
| Saugren, Mabel       | McPherson, Kansas    |
| Saugren, Myrtle      | McPherson, Kansas    |
| Saylor, Laveile      | Marion, Kansas       |
| Stiffler, Marden     | Seattle, Washington  |
| Stockham, Glen       | McPherson, Kansas    |
| Strickler, Anna Mary | Ramona, Kansas       |
| Thacker, Irene       | Pratt, Kansas        |
| Trostle, Raymond     | Nicherson, Kansas    |
| Voran, Alvin         | Lorraine, Kansas     |
| Wall, John           | McPherson, Kansas    |
| Whitbeck, John       | Alton, Okla.         |
| Wise, Martin         | Canton, Kansas       |

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| * * * * * REMARKS * * * * * |                          |
|-----------------------------|--------------------------|
| Baird, Delores              | Guyman, Okla.            |
| Barber, R. Hubert           | McPherson, Kansas        |
| Barre, Henry                | Tampa, Kansas            |
| Beaver, Lena                | St. John, Kansas         |
| Beckwith, Loree             | Conway, Kansas           |
| Berkshie, Francis           | St. John, Kansas         |
| Betta, Ernest               | Nampa, Idaho             |
| Bibb, Ruth                  | Rocky Ford, Colorado     |
| Bickenstaff, Archie         | Quinter, Kansas          |
| Bowers, Ralph               | Roanoke, La.             |
| Bowman, Reuben              | Quinter, Kansas          |
| Brigham, Arlan              | Marion, Kansas           |
| Brown, Floy                 | Hutchinson, Kansas       |
| Brubaker, Marie             | Wichita, Kansas          |
| Brumbaugh, Clarke           | Hartsville, Ohio         |
| Brunk, Wilma                | Grand Junction, Colorado |
| Budge, Thelma               | St. John, Kansas         |
| Carlson, Verne              | McPherson, Kansas        |
| Carney, Jesse               | McPherson, Kansas        |
| Cochman, George             | Garfield, Kansas         |
| Crisman, Elsie              | St. John, Kansas         |
| Crimpacker, Pearl           | McPherson, Kansas        |
| Callen, R. D.               | Holmesville, Nebraska    |
| Daron, Jessie               | McPherson, Kansas        |
| Dell, Lois                  | Beatrice, Nebr.          |
| Dresher, Margaret           | Canton, Kansas           |
| Early, Grace                | Hardin, Mo.              |
| Elliott, Aike               | McPherson, Kansas        |
| Fired, James                | McPherson, Kansas        |
| Eskelsson, Isabel           | Ramona, Kansas           |

|                              |                        |
|------------------------------|------------------------|
| Fanzack, Harold .....        | Wiley, Colorado.       |
| Fleming, Mrs. L. Avery ..... | McPherson, Kansas.     |
| Frederberg, Esther .....     | McPherson, Kansas.     |
| Garrolla, Myron .....        | McPherson, Kansas.     |
| Greahart, Clara .....        | Nashville, Kansas.     |
| Gray, Ernest .....           | McPherson, Kansas.     |
| Gregory, Dorothy .....       | McPherson, Kansas.     |
| Hansen, Bernice .....        | McPherson, Kansas.     |
| Haraly, John .....           | McPherson, Kansas.     |
| Heston, Beth .....           | Horton, Colorado.      |
| Hiebert, Ruth .....          | McPherson, Kansas.     |
| Hick, Orion .....            | New Plymouth, Idaho.   |
| Hill, Clarence .....         | McPherson, Kansas.     |
| Hill, Mervin .....           | Galva, Kansas.         |
| Hobbsleffer, Inez .....      | Caldwell, Kansas.      |
| Holderread, Ruth .....       | Cushing, Ohio.         |
| Holloway, Ruth .....         | McPherson, Kansas.     |
| Hosmer, Marie .....          | Quinter, Kansas.       |
| Hust, Leslie .....           | Valley Center, Kansas. |
| Hutchison, Haven .....       | Thomas, Ohio.          |
| Hultquist, Lois .....        | McPherson, Kansas.     |
| Hus, Ira .....               | Hopk, Kansas.          |
| Johnson, Mildred .....       | Galva, Kansas.         |
| Jones, John .....            | Shannon, Iowa.         |
| Jones, Hester .....          | Nobby Ford, Colo.      |
| King, Ethel .....            | Larned, Kansas.        |
| Kisicki, Mari .....          | Kansas City, Kansas.   |
| Landon, Ralph .....          | Harris, Kansas.        |
| Lohman, Wilmer .....         | Gettys, Ohio.          |
| McConkey, Maude .....        | McPherson, Kansas.     |
| McGaughey, Wilbur .....      | Abeyville, Kansas.     |
| McKervey, Ethyle .....       | Flora, Kansas.         |
| Mass, Dorothy .....          | Hutchinson, Kansas.    |
| Mass, Lawrence .....         | Gothenburg, Nebraska.  |
| Markham, Edith .....         | Partridge, Kansas.     |
| Markham, Ma .....            | Partridge, Kansas.     |
| Martin, Hal .....            | Hutchinson, Kansas.    |
| Mayfield, David .....        | Crowley, Colorado.     |
| Meisher, Millie .....        | Quinter, Kansas.       |
| Miller, Clara .....          | McPherson, Kansas.     |
| Miller, D. L. .....          | Crowley, Colorado.     |
| Miller, Lewis .....          | Galva, Kansas.         |
| Miller, Melvin .....         | McPherson, Kansas.     |
| Musk, Louise .....           | Olga Elder, Kansas.    |
| Meyers, Edna .....           | Windsor, Kansas.       |
| Negley, Clifford .....       | Larned, Kansas.        |
| Nyquist, Austin .....        | McPherson, Kansas.     |
| Nyquist, Edna .....          | McPherson, Kansas.     |
| Packell, Robert .....        | Hutchinson, Kansas.    |
| Rhodes, Lois .....           | McPherson, Kansas.     |
| Saylor, Ariane .....         | Merrill, Kansas.       |
| Schreiner, Emma .....        | Ransom, Kansas.        |
| Shatto, Mordis .....         | McPherson, Kansas.     |
| Shirt, Pauline .....         | Flattberg, Mo.         |
| Shoemaker, Fern .....        | Fred, Mont.            |

|                          |                      |
|--------------------------|----------------------|
| Shoemaker, Veretta ..... | Patteburg, Mo.       |
| Smith, Marguerite .....  | McPherson, Kansas.   |
| Spohn, Philip .....      | Imasa, Kansas.       |
| Staffen, Marris .....    | Elliswood, Kansas.   |
| Stucky, Arnold .....     | McPherson, Kansas.   |
| Swank, George .....      | Sebring, Fla.        |
| Swank, Paul .....        | Sebring, Fla.        |
| Swain, Dorothy .....     | McPherson, Kansas.   |
| Swanson, Carl .....      | McPherson, Kansas.   |
| Tice, Dorothy .....      | Sumnerfield, Kansas. |
| Toland, Ernest .....     | St. John, Kansas.    |
| White, Ruth .....        | McPherson, Kansas.   |
| Wittfong, Dorothy .....  | Cordell, Okla.       |
| Wright, Abbie Emma ..... | Hutchinson, Kansas.  |
| Yoder, Joe .....         | McPherson, Kansas.   |

## PRAIRIEMEN

|                            |                         |
|----------------------------|-------------------------|
| Albright, Ervin .....      | Pretty Prairie, Kansas. |
| Anderson, Rath .....       | McPherson, Kansas.      |
| Bailey, Stewart .....      | McPherson, Kansas.      |
| Ballard, Doris .....       | Lowell, Kansas.         |
| Barns, Lawrence .....      | McPherson, Kansas.      |
| Baragrovor, Floyd .....    | McPherson, Kansas.      |
| Beard, Lee .....           | McPherson, Kansas.      |
| Benell, Ethel .....        | McPherson, Kansas.      |
| Bish, Charles .....        | Rocky Ford, Colorado.   |
| Bishop, Chester .....      | Roxbury, Kansas.        |
| Bowers, Paul .....         | Roscoe, La.             |
| Bremas, Paul .....         | Roxbury, Kansas.        |
| Brown, Alice .....         | Fruita, Colorado.       |
| Brown, Jennie .....        | Canton, Kansas.         |
| Brown, Mary .....          | Fruita, Colorado.       |
| Brunk, Homer .....         | Clora, New Mexico.      |
| Brunk, Violet .....        | McPherson, Kansas.      |
| Burs, Albia .....          | Ramona, Kansas.         |
| Campbell, David .....      | McPherson, Kansas.      |
| Campbell, Ernest .....     | Coaway, Kansas.         |
| Campbell, Virginia .....   | McPherson, Kansas.      |
| Colbers, Clark .....       | McPherson, Kansas.      |
| Collingham, John .....     | Tyre, Kansas.           |
| Cookman, Grace .....       | Garfield, Kansas.       |
| Countryside, Hazel .....   | Stirling, Colorado.     |
| Countryside, Orville ..... | Stirling, Colorado.     |
| Crist, Harold .....        | Friend, Kansas.         |
| Dawson, Eugenia .....      | Hutchinson, Kansas.     |
| Dell, Ted .....            | Beatrice, Nebraska.     |
| Devilbin, Margaret .....   | Ottawa, Kansas.         |
| Diggs, Lloyd .....         | Lyons, Kansas.          |
| Dinos, Archie .....        | Miami, Texas.           |
| Etterly, Lila .....        | Otawia, Nebr.           |
| Bobby, Gerald .....        | Hopa, Kansas.           |
| Fances, Opal .....         | McPherson, Kansas.      |
| Faller, Helen .....        | McPherson, Kansas.      |
| Fields, Lila .....         | McPherson, Kansas.      |

|                       |                        |
|-----------------------|------------------------|
| Filmors, Walter       | Ripley, Okla.          |
| Finkenbinder, Maynard | Levas, Kansas.         |
| Fickeliser, Leslie    | McNeill, Kansas.       |
| Flory, Ivan           | Carlston, Nebraska.    |
| Frantz, Lowell        | Holmesville, Nebraska. |
| Frantz, Roy           | Rocky Ford, Colorado.  |
| Freeman, Gay          | McPherson, Kansas.     |
| Gibson, Irene         | Miami, New Mexico.     |
| Girard, Dorothy       | Wincom, Kansas.        |
| Hall, Henry           | Partridge, Kansas.     |
| Hanna, Bill           | Peabody, Kansas.       |
| Hanson, Harold        | McPherson, Kansas.     |
| Harner, D. D.         | McPherson, Kansas.     |
| Harris, Glen          | Jennings, La.          |
| Hayes, Keith          | Geneseo, Kansas.       |
| Hinson, Harry         | Wiley, Colorado.       |
| Hoag, Beatrice        | Wichita, Kansas.       |
| Hoffman, Ruth         | Dillon, Kansas.        |
| Hoover, Merrill       | Overbrook, Kansas.     |
| Hopkins, Harriett     | McPherson, Kansas.     |
| Hutchinson, Leonard   | Thomas, Okla.          |
| Ikenberry, Oliver     | Rocky Ford, Colo.      |
| Jacobs, Mahlon        | McPherson, Kansas.     |
| Johnson, Daniel       | McPherson, Kansas.     |
| Johnson, Loyd         | Fruitland, Idaho.      |
| Jones, Lillie         | Hartso, Colorado.      |
| Kaufman, Edward       | McPherson, Kansas.     |
| King, Harvey          | Larned, Kansas.        |
| Kopper, Paul          | Pitts, Kansas.         |
| Lehman, Florence      | Abilene, Kansas.       |
| Longsdorff, Essie     | Ottawa, Kansas.        |
| McClalla, Bernice     | Osage, Kansas.         |
| McGaffey, Walter      | McPherson, Kansas.     |
| Melcher, Harold       | Ray, Kansas.           |
| Metzger, Emery        | Iowa, La.              |
| Meyer, Edith          | McPherson, Kansas.     |
| Meyer, Eibel          | Caston, Kansas.        |
| Miller, Dale          | McPherson, Kansas.     |
| Miller, Mohler        | Hilton, Okla.          |
| Miller, Mariel        | McPherson, Kansas.     |
| Mohler, Maida         | Fruitland, Idaho.      |
| Mortze, Allen         | McPherson, Kansas.     |
| Moyers, Rosa          | Ames, Okla.            |
| Murray, Chester       | Conway, Kansas.        |
| Neuhon, Ray           | Berna, Kansas.         |
| Perry, Fred           | McPherson, Kansas.     |
| Prather, Mary         | Mound City, Mo.        |
| Richard, Alex         | Waldo, Kansas.         |
| Schreiner, Leah       | Ramona, Kansas.        |
| Seehler, Orville      | McPherson, Kansas.     |
| Sell, Cora            | Conway, Kansas.        |
| Spilman, Vernon       | Gypsum, Kansas.        |
| Stauffer, Edgar       | McPherson, Kansas.     |
| Steinberg, Irene      | Lorrain, Kansas.       |
| Steiner, Nabel        | Hutchinson, Kansas.    |

|                    |                      |
|--------------------|----------------------|
| Stover, Kirby      | Merrill, Kansas      |
| Stull, Nina        | Arliceton, Kansas    |
| Stutaman, Dwight   | Thomas, Okla.        |
| Swanson, Mildred   | Little River, Kansas |
| Taylor, Adeline    | Arliceton, Kansas    |
| Ullom, Chester     | Lamar, Colorado      |
| Van Hartum, Dean   | Minneapolis, Kansas  |
| Vanacoyoc, Grace   | Mont Ida, Kansas     |
| Wagner, Marguerite | Hastings, Nebraska   |
| Wallace, Arvilla   | Galva, Kansas        |
| Wearer, Olive      | Garden City, Kansas  |
| Wearer, Orpha      | Garden City, Kansas  |
| Webb, Martha       | McPherson, Kansas    |
| Whitbeck, Wray     | Aller, Okla.         |
| Wine, Valma        | Rocky Ford, Colorado |

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SPECIAL

|                       |                      |
|-----------------------|----------------------|
| Abel, Gertrude        | McPherson, Kansas    |
| Aspegren, Gladys      | McPherson, Kansas    |
| Bailey, Lois          | McPherson, Kansas    |
| Baeker, Edith         | McPherson, Kansas    |
| Barnes, Ruth          | McPherson, Kansas    |
| Bowen, Herrman        | McPherson, Kansas    |
| Bowling, Margaret     | McPherson, Kansas    |
| Brand, Mrs. Annie     | McPherson, Kansas    |
| Carlson, Eva          | McPherson, Kansas    |
| Carpenter, Clara      | McPherson, Kansas    |
| Churchill, Jessie     | Rocky Ford, Colorado |
| Cooley, Mary          | Orpasm, Kansas       |
| Crippen, Ruby         | McPherson, Kansas    |
| Dahlinger, Esther     | McPherson, Kansas    |
| Darrab, Nellie        | McPherson, Kansas    |
| Davis, Clara          | McPherson, Kansas    |
| Eibert, Cliffe        | McPherson, Kansas    |
| Elrod, Beaulo         | McPherson, Kansas    |
| Feller, Carrie        | McPherson, Kansas    |
| Garrett, Hazel        | McPherson, Kansas    |
| Garrett, Loral        | McPherson, Kansas    |
| Hall, Laura           | McPherson, Kansas    |
| Hendke, Emma          | McPherson, Kansas    |
| Hawa, Gladys          | McPherson, Kansas    |
| Hollingsworth, Yessie | McPherson, Kansas    |
| Holmes, Helen         | McPherson, Kansas    |
| Jenkins, Alta         | McPherson, Kansas    |
| Johnson, Jennie       | Fay, Oklahoma        |
| Lehman, Harry         | McPherson, Kansas    |
| Lehman, Minnie        | McPherson, Kansas    |
| Lingenfelter, Fern    | McPherson, Kansas    |
| Lingenfelter, Ruth    | McPherson, Kansas    |
| Lingle, Robert        | McPherson, Kansas    |
| McAroy, Kenneth       | Thomas, Oklahoma     |
| McElvaine, Katherine  | McPherson, Kansas    |
| Meyer, Helen          | Albia, Texas         |
| Oberlin, Marzella     | McPherson, Kansas    |
| Ostlund, Aileen       | McPherson, Kansas    |

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10  
114  
72  
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|-------------------------|------------|--------|
| Peterson, Clara .....   | McPherson, | Kansas |
| Reck, Myrtle .....      | McPherson, | Kansas |
| Sandberg, Roxina .....  | McPherson, | Kansas |
| Stockham, Leo .....     | McPherson, | Kansas |
| Stover, Harry .....     | Morrill,   | Kansas |
| Strom, Albert .....     | McPherson, | Kansas |
| Sundquist, Marian ..... | McPherson, | Kansas |
| Svensson, Vivian .....  | McPherson, | Kansas |
| Thomas, Lillian .....   | McPherson, | Kansas |
| Toews, Helen .....      | McPherson, | Kansas |
| Webb, Katherine .....   | McPherson, | Kansas |

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