

7-1914

Courses of Study and Program of Recitations, 1914-1915

Iowa State Teachers College

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BULLETIN
OF THE
Iowa State Teachers
College

CEDAR FALLS, IOWA

Courses of Study
and
Program of Recitations

FOR THE SCHOOL YEAR

1914-1915

VOL. XVI. NO. 2

JULY 1914

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BULLETIN
OF THE
IOWA STATE TEACHERS COLLEGE
CEDAR FALLS, IOWA

COURSES OF STUDY
AND
PROGRAM OF RECITATIONS
FOR SCHOOL YEAR 1914-1915

The shorter forms of spelling found in this Bulletin are adopted for their simplicity and are accepted by either the Webster's New International Dictionary or the Funk & Wagnall's Standard Dictionary. They are supported by the best linguistic scholarship and are to be preferred by teachers in the public schools.

IOWA STATE TEACHERS COLLEGE

SCHOOL CALENDAR FOR 1914-1915.

Fall Term—Twelve Weeks

Wednesday, September 2, 1914,
Tuesday, November 24, 1914.

Winter Term—Twelve Weeks,

Wednesday, November 25, 1914,
Tuesday, December 22, 1914—four weeks.

Winter Vacation—two weeks.

Wednesday, January 6, 1915,
Tuesday, March 2, 1915—eight weeks.

Spring Term—Twelve Weeks,

Wednesday, March 3, 1915,
Tuesday, May 25, 1915.

Summer Term—Twelve Weeks,

First Half—Wednesday, May 26, 1915,
Tuesday, July 6, 1915—six weeks.

Second Half—Wednesday, July 7, 1915,
Tuesday, August 17, 1915—six weeks.

Summer Vacation—two weeks.

Note:—If the General Assembly does not approve of the extension of the Summer Term to twelve weeks the Summer Term Calendar will be six weeks—

Wednesday, June 9, 1915,
Tuesday, July 20, 1915.

IOWA STATE TEACHERS COLLEGE

COURSES OF STUDY.

(For full details see General Catalog)

I. THE DEGREE COURSE

Freshman Year—45 term hours

Rhetoric	5	term	hours
Foreign Language	15	"	"
Electives	25	"	"
Literary Society			
Physical Training			

Note: With the consent of the adviser and the Registrar, Foreign Language may be delayed until the Sophomore year. The Electives must be chosen from Freshman studies designated in the outline of departments that follow.

Sophomore Year—45 term hours

Education I, II, and III.	15	term	hours
English IX and II, III or VIII	10	"	"
Electives	20	"	"
Literary Society			
Physical Training			

Junior Year—45 term hours

Education IV, V, and VI.	15	term	hours
Electives	30	"	"

Senior Year—45 term hours

Teaching	10	term	hours
Electives	35	"	"

II. MASTER OF DIDACTICS DEGREE COURSES FOR COLLEGE GRADUATES

I. Professional Course—45 term hours

This course includes a full year's work in Education and Teaching and is planned to suit individual needs by the Head of

the Department of Education. With the facilities here for studying rural and city school systems, this year's work is very rich in development and training.

II. Professional Course with Electives—45 term hours

1. Education	15	term	hours
2. Teaching	10	"	"
3. Elective with the approval of the adviser	20	"	"

III. Professional Course for Special Teachers

This course is planned by the Head of the Department of Education to give training to college graduates who wish to prepare in the line of experts in rural education, in normal training in high schools, in Public School Music, in Commercial Subjects, in Physical Education, in Manual Training, in Home Economics, in Drawing, in Kindergarten or in Primary Teaching.

III. THE DIPLOMA COURSES

THE GENERAL TEACHERS COURSE

This course is organized to give two years of instruction and training to high school graduates who desire to become principals, supervisors, or grade teachers. It is in conformity with the requirements for a second grade state certificate.

First Year—45 term hours

Education I, II, III.	15	term	hours
Rhetoric	5	"	"
Electives	25	"	"
Literary Society			
Physical Training			

Second Year—45 term hours

Education IV.	5	term	hours
Teaching	10	"	"
Electives	30	"	"
Literary Society			
Physical Training			

Note 1: The electives above indicated must be taken in Botany, Physiography or Geology, Advanced Physiology or Sanitation, Physics, American History, American Government, and Economics unless the corresponding subjects were presented and accepted for entrance.

Note 2: An additional requirement of 15 term hours must be met by election under the adviser from Penmanship, Vocal Music, Drawing, Orthography, Arithmetic, or English Grammar unless these subjects were taken in the secondary school.

THE PRIMARY TEACHERS COURSE

First Year—43 term hours

Primary Methods (12 hours)	6	term	hours
Education I, II, and III.	15	"	"
Rhetoric	5	"	"
English Elective	5	"	"
Nature Study	5	"	"
Primary Theory and Observation (4 a week)....	2	"	"
Drawing (two terms—5 a week)	5	"	"
Manual Arts (5 a week)			
Literary Society			
Physical Training			

Second Year—47 term hours

Education IV.	5	term	hours
Hygiene and Sanitation (b)	3	"	"
Criticism and Practise	15	"	"
Kindergarten Theory and Observation (4 a week)	2	"	"
Electives	22	"	"
Vocal Music (two terms—5 a week)			
Literary Society			
Physical Training			

THE KINDERGARTNERS COURSE

First Year—47½ term hours

Kindergarten Theory (one year, 5 a week)	7½	term	hours
Education I, II, and III.	15	"	"
Rhetoric and Elective in English	10	"	"
Drawing (two terms, 5 a week)	5	"	"
Nature Study	5	"	"
Elective	5	"	"
Literary Society			
Physical Training			

Second Year—42½ term hours

Kindergarten Theory (one term, 5 a week, one term, six a week)	5½	term	hours
Kindergarten Practise, one year	15	"	"

Education IV	5	term	hours
Electives	15	"	"
Primary Theory (4 a week)	2	"	"
Music (two terms, 5 a week)			
Literary Society			
Physical Training			

THE PUBLIC SCHOOL MUSIC TEACHERS COURSE

First Year—45 term hours

Education I, II, and III.	15	term	hours
Rhetoric.....	5	"	"
Harmony I (3 a week)	3	"	"
History of Music I (2 a week)	2	"	"
Music I (5 a week)	2½	"	"
Music II (5 a week)	2½	"	"
Sight Singing (lower grades, 3 a week).....	2½	"	"
Sight Singing (upper grades, 3 a week).....	2½	"	"
Conducting (3 a week)	2½	"	"
Methods (lower grades, 3 a week)	2½	"	"
Elective	5	"	"
Literary Society			
Physical Training			

Second Year—45 term hours

Harmony II. (2 a week)	2	term	hours
History of Music II. (3 a week)	3	"	"
Teaching I and II.	10	"	"
Methods (upper grades, 3 a week)	2½	"	"
High School Music and Child Voice (3 a week)	2½	"	"
Appreciation of Music (3 a week)	2½	"	"
Theory of Music (3 a week)	2½	"	"
Harmony III. (3 a week)	3	"	"
Supervision (3 a week)	2	"	"
Electives	15	"	"
Literary Society			
Physical Training			

THE DRAWING TEACHERS COURSE

First and Second Years—90 term hours

Education I, II, and III	15	term	hours
Teaching I and II.	10	"	"
Rhetoric	5	"	"
History of Architecture	5	"	"

History of Painting	5	“	“
Cast Drawing (two terms, 5 a week)	2½	“	“
Still Life (one term, 5 a week)	2½	“	“
Perspective (one term, 5 a week)	2½	“	“
Design (one term, 5 a week)	2½	“	“
Supervision in Art (one term, 5 a week)	2½	“	“
Water-Color (one term, 5 a week)	2½	“	“
Elective from Manual Training or Music (one term)	2½	“	“
Electives	30	“	“
Literary Society and Physical Training two years.			
Other sub-collegiate electives possible	15	“	“

THE MANUAL ARTS TEACHERS COURSE

First and Second Years—90 term hours

Education I, II, and III.	15	“	“
Teaching	7½	“	“
Rhetoric	5	“	“
Manual Training Methods I and II	8	“	“
Woodwork	12	“	“
Mechanical Drawing	8	“	“
Wood Turning	2	“	“
Metal Work	2½	“	“
Drawing and Design (each 5 a week)	5	“	“
Electives	18	“	“
Special Elective	7	“	“
Literary Society and Physical Training each two years			

THE HOME ECONOMICS TEACHERS COURSE

First Year—44 term hours

Chemistry IX, X, and XI.	15	term	hours
Rhetoric	5	“	“
Education I and II	10	“	“
Elementary Food Theory (three terms)	6	“	“
Food Principles (two terms, 3 a week)	6	“	“
Household Management (2 a week)	1	“	“
Household Methods	1	“	“
Sewing (three terms, 5 a week)			
Literary Society			
Physical Training			

Second Year—46 term hours

Education III and IV	10	term	hours
Teaching I and II	10	"	"
Chemistry XIII	5	"	"
Hygiene and Sanitation (a)	5	"	"
Physiology I	5	"	"
Dietetics (2 a week)	1	term	hour
Advanced Cooking (2 a week)	1	"	"
Serving (2 a week)	1	"	"
Household Architecture (2 a week)	2	term	hours
Demonstrations	1	term	hour
Elective	5	term	hours
Literary Society			
Physical Training			

THE PHYSICAL EDUCATION TEACHERS COURSE

First Year—45 term hours

Anatomy I and II	10	term	hours
Physiology I	5	"	"
Education I, II, and III	15	"	"
Rhetoric	5	"	"
Public Speaking I or Elocution I	5	"	"
English Literature	5	"	"
Literary Society			
Double Work in Physical Training			

Second Year—45 term hours

Theory of Physical Education	5	term	hours
Hygiene and Sanitation (a)	5	"	"
Chemistry I, II, and III	15	"	"
Education IV	5	"	"
Play Ground Methods I	3	"	"
First Aid to the Injured	2	"	"
Genetic Psychology	5	"	"
Play Ground Methods II	3	"	"
Theory of Athletics I	2	"	"
Literary Society			
Double Work in Physical Training			

Third Year—45 term hours

Anthropometry	3	term	hours
Physical Diagnosis	2	"	"
Theory of Athletics II	2	"	"

Physiology of Exercise	5	term	hours
Medical Gymnastics and Massage	3	"	"
Physical Department Administration	2	"	"
Teaching I and II	10	"	"
History of Physical Education	3	"	"
Electives	15	"	"
Physical Training and Officiating			

THE COMMERCIAL TEACHERS COURSE

First Year—45 term hours

Education I, II, III	15	term	hours
Rhetoric	5	"	"
Mathematical Elective	5	"	"
Commercial Correspondence	5	"	"
Commercial Law	5	"	"
Accounting I and II	10	"	"
Literary Society			
Physical Training			

Second Year—45 term hours

American Government	5	term	hours
Education IV	5	"	"
General Economics	5	"	"
Commercial Geography	5	"	"
Teaching I and II	10	"	"
Electives	15	"	"
Shorthand and Typewriting, (three terms)			
Literary Society			
Physical Training			

Note: The subjects Shorthand and Typewriting are additional to the 90 term hours required in diploma courses and must be taken not less than one year.

IV. NORMAL DIPLOMA COURSES

THE RURAL TEACHERS COURSE

The lowest admission is on the basis of the rural school diploma.

The recognition for graduation is the rural teacher diploma and the state certificate for five years.

The branches included in the course are as follows:

Second Grade Uniform County Certificate Subjects

Reading
 Geography
 Arithmetic
 U. S. History
 Orthography
 English Language and Grammar
 Physiology
 Vocal Music
 Penmanship

Note: Each subject represented here is given credit on the course when the student has received 85 per cent on a Uniform County Certificate. When 75 per cent has been received, one term's work is required in each subject. When less than 75 per cent has been received two term's work is required in Geography, Arithmetic, Language and Grammar, and United States History.

First Grade Uniform County Certificate Subjects

Elementary Civics
 Elementary Economics
 Algebra
 Physics

Note: When 85 per cent has been obtained in the uniform county examination that subject is given a credit on this course. When taken in class, one term's work is required in Civics and Economics, and two terms' work in Algebra and Physics.

Additional Subjects Required for the Diploma

- (1) Didactics, one term
- (2) Primary Methods, one term
- (3) The Country School, one term
- (4) Observation and Teaching, one term
- (5) Sewing, one term
- (6) Cooking, two terms
- (7) Agriculture, two terms
- (8) Handwork, one term
- (9) Woodwork, one term
- (10) Elementary Psychology

Note: The Observation and Teaching here outlined consists of Illustrative Teaching work in the training department and

in work done in the demonstration rural schools maintained by the Teachers College. This term's work will be provided during each term of the college year so that the graduating class may be divided into suitable sections.

The subjects of study represented by this course are all on the program of recitations each term of the year so that a student can come any time and get credit work. Uniform county certificate examinations are given at the institution on the same dates as are required by law at the county superintendents' offices.

THE GENERAL NORMAL COURSE FOR GRADE TEACHERS

Admission: First Grade Uniform County Certificate.

Recognition: The Normal Diploma and Second Grade State Certificate.

Value of Credits: Each subject printed in this table represents 5 term hours, requiring five recitations a week of one hour each.

First Year

Algebra, 2d and 3d	Two terms
Physics,	One term
*El. Sanitation,	One term
English Classics,	One term
Vocal Music,	One term
General History,	Two terms
*Bookkeeping,	One term
Drawing,	Two terms
*El. Elocution,	One term
Physical Training,	Three terms

Second Year

Physics,	One term
Plane Geometry,	Two terms
*Solid Geometry,	One term
Psychology,	Two terms
*Drawing,	One term
*El. Physiography,	One term
Elective,	One term
General Botany,	One term
School Management	One term
English Classics,	One term
Physical Training,	Three terms
Literary Society Work,	Three terms

*Latin or German Elective may be substituted.

Third Year

Rhetoric,	One term
College Algebra I or Trigonometry,	One term
History of Education,	One term
Special Elective,	Three terms
English Literature,	One term
Economics I.,	One term
Teaching,	Two terms
American Government,	One term
American History,	One term
Literary Society Work,	Three terms

Notes: Students who have completed the vocational work, the Algebra or the Physics required in the Rural Teachers Course will be granted credit in proportion to the work accomplished, thus abridging the above requirements.

The Special Electives of the third year as designated are intended for Vocal Music and Drawing beyond the tabulated subjects in the same line, or in Manual Training, Home Economics, Commercial Studies, or Agriculture, as the student may elect.

THE VOCATIONAL NORMAL COURSE

For teachers of rural and consolidated schools.

Admission: First Grade Uniform County Certificate.

Recognition: The Normal Diploma and Second Grade State Certificate.

Value of Credits: Each subject represents 5 term hours, requiring five lessons a week of one hour each.

First Year

Sewing,	Two terms
Algebra, 2d and 3d	Two terms
Vocal Music,	Two terms
English Classics,	Two terms
Drawing,	Two terms
Penmanship and Bookkeeping,	One term
El. Sanitation,	One term
Cooking,	One term
General History,	One term
English Composition,	One term
Physical Training,	Three terms

Second Year

Cooking,	One term
General History,	One term
Plane Geometry,	Two terms
Psychology,	Two terms
El. Elocution,	One term
El. Physiography,	One term
Agriculture,	One term
Farm Botany,	One term
Rural School Management,	One term
American History,	One term
Physical Training,	Three terms
Literary Society Work,	Three terms

Third Year

Agriculture,	One term
Rhetoric	One term
Economics I,	One term
History of Education,	One term
English Literature,	One term
American Government,	One term
Manual Training,	Two terms
Physics,	Two terms
Teaching,	Two terms
Literary Society Work,	Three terms

Note:—This course is arranged for the giving of special qualifications of a superior kind in modern standards. None of these courses are to be the equivalent of College Courses as they will be taught so as to give the teacher in training more practical efficiency in educating the boys and girls of the farms of the state. The practise in teaching will be broad, in its scope and notably efficient in its extent.

SPECIAL NORMAL COURSES

Preparation for the examination given by the State Educational Board of Examiners for special teacher certificates.

Teachers of twenty-one years of age and others that may be holders of first grade uniform county certificates are admitted to such classes in special courses in Primary, Kindergarten, Public School Music, Manual Training, Home Economics, Drawing, or Commercial studies as will properly prepare them for the examinations that are required by the state for the obtaining of such

recognition. Such persons should make all arrangements with the Registrar before appearing for work in order to have their studies properly planed.

V. SPECIAL COURSES IN VOICE, PIANO, ORGAN, AND ORCHESTRAL INSTRUMENTS.

VOICE, PIANO AND ORGAN

These courses are planed to train students for capability as performers and for becoming special teachers.

The requirements for graduation are as follows:

1. Two lessons a week for at least two years in the major course, all this work to be done if possible under the instructor recommending for graduation.
2. Satisfactory public performance of a recital in the major study, the program to be of moderate difficulty.
3. Two years of a "minor" course in Music (Piano, Organ, Voice, or any of the Instruments taught in the Orchestra Department). It is understood that two lessons a week in the minor for one year shall not be the equivalent of two years' study.
4. Harmony equivalent to the texts of Chadwick or Bussler.
5. Two terms of Music History.
6. One five hour course of general culture each term, except the Senior year. This course to be selected by the personal adviser of the student, and to be of college grade in case the student has no entrance deficiencies.
7. To complete this course, a student must meet the college entrance requirements.
8. Literary Society work is recommended but not required.

VIOLIN AND OTHER ORCHESTRAL INSTRUMENTS

This course is planed to train a student for capability as a performer and for becoming a special teacher.

The requirements for graduation are as follows:

1. Violin instruction sufficient to enable the pupil to render a program the equivalent of a Beethoven Sonata, the Mendelssohn Concerto and similar modern works, to the satisfaction of the head of the department.

2. Two years of piano (one lesson a week).
3. Two years of Harmony—the equivalent of Chadwick or Bussler.
4. Two years of ear training and dictation in relation to the Harmony.
5. Orchestra and Ensemble during the course.
6. Two terms of Music History.

The diploma of the college will be given when the student has satisfactorily completed this course, together with the requirements for college entrance. The certificate of Musical Proficiency to be granted those who finish the Violin course alone.

All students shall take at least one scholastic branch each term they are enrolled unless they are excused by the head of the department.

The courses for all other orchestral instruments, including Oboe, Flute, Clarinet, Bassoon, Cornet, French Horn, Trombone, Tuba, Cello, Double Bass and Harp are identical with the Violin Course. It is possible, however, to finish the courses of some of these instruments in less time than that of the Violin.

VI. DETAILS OF THE REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS IN EDUCATION.

The Major Study: Each student in the Degree Course must select a major study not later than the beginning of the Junior year. This selection assigns the head of the department in which the major is found as the adviser of said student during the pursuance of the course. The following are the major studies offered.

1. English
2. Public Speaking
3. Latin
4. German
5. French
6. Mathematics
7. Physics
8. Chemistry
9. Earth Science
10. Biological Science
11. History

12. Government
13. Economics
14. Education
15. Drawing
16. Manual Training
17. Home Economics
18. Physical Education

A major consists of 30 term hours work in the department chosen. The student may take 60 term hours in his major study, with the consent of the adviser.

The Minor Study: Under the direction of the adviser the student must select also a minor study which must include not less than 15 term hours nor more than 30 term hours. When the major and minor are chosen from the same group as hereafter outlined, not more than a total of 75 term hours can be taken in the two elections combined.

Groups of Courses: The following groups of courses are presented as plans for determining the standards that must be met in arranging an individual course of study leading to a degree:

- I. The Professional Group.
- II. The English Group.
- III. The Foreign Language Group.
- IV. The History, Government, and Economics Group.
- V. The Science and Mathematics Group.
- VI. The Home Economics, Drawing, Physical Education, or Manual Training Group.

Regulations Governing Groups

1. *The Professional Group.* When the Major is in the professional group the following other subjects are required: (1) The Minor of from 15 to 30 term-hours; (2) English, 15 term-hours; (3) Foreign Language, 15 term-hours; (4) History, Government, and Economics, 15 term-hours; (5) Science and Mathematics, 20 term-hours. The largest amount permitted in any subordinate major subject is 20 term-hours.

2. *The English Group.* When the Major is in the English group, the following other subjects are required: (1) The Minor of from 15 to 30 term-hours; (2) Professional, 40 term-hours; (3) Foreign Language, 15 term-hours; (4) History, Government, and Economics, 15 term-hours; (5) Science and Mathematics, 20 term-hours. The largest amount permitted in any subordinate major subject is 20 term-hours.

3. *The Foreign Language Group.* When the Major is in the Foreign Language group the following other subjects are required: (1) The Minor of from 15 to 30 term-hours; (2) Professional, 40 term-hours; (3) English, 15 term-hours; (4) History, Government, and Economics, 15 term-hours; (5) Science and Mathematics, 20 term-hours. The largest amount permitted in any subordinate major subject is 20 term-hours.

4. *The History, Government, and Economics Group.* When the Major is in the History, Government, and Economics group the following other subjects are required: (1) The Minor of from 15 to 30 term-hours; (2) Professional, 40 term-hours; (3) English, 15 term-hours; (4) Foreign Language, 15 term-hours; (5) Science and Mathematics, 20 term-hours. The largest amount permitted in any subordinate major subject is 20 term-hours.

5. *The Science and Mathematics Group.* When the Major is in the Science and Mathematics group, the following other subjects are required: (1) The Minor of from 15 to 30 term-hours; (2) Professional, 40 term-hours; (3) English, 15 term-hours; (4) Foreign Language, 15 term-hours; (5) History, Government, and Economics, 15 term-hours. The largest amount permitted in any subordinate major subject is 20 term-hours.

6. *The Home Economics, Drawing, Manual Arts, or Physical Education Group.* When the Major is in Home Economics, Drawing, Manual Training, or Physical Education, the following other subjects are required: (1) The Minor of from 15 to 30 term hours; (2) Professional, 40 term-hours; (3) English, 15 term-hours; (4) Foreign Language, 15 term-hours; (5) History, Government, and Economics, 15 term-hours; (6) Science and Mathematics, 30 term-hours. The largest amount permitted in any subordinate major subject is 20 term-hours.

DEPARTMENT COURSES

(All courses give 5 hours credit unless otherwise stated)

(For full details see General Catalog.)

Education.

- (a) Degree Courses
 - I. Psychology I.
 - II. Psychology II.
 - III. School Management
 - IV. History of Education
 - V. Philosophy of Education

- VI. School Administration
- VII. Logic—2 hr. cr.
- VIII. Ethics—2 hr. cr.
- IX. Experimental Psychology
- X. Genetic Psychology
- XI. Educational Classics
- XII. Rural School Problems
- (b) Diploma Courses
 - 1. Psychology I.
 - 2. Psychology II.
 - 3. Primary Methods I.—2½ hr. cr.
 - 4. Primary Methods II.—2½ hr. cr.
 - 5. Primary Methods III.—1 hr. cr.
- (c) Normal Courses
 - 1. Didactics
 - 2. The Country School
 - 3. Elementary Psychology
 - 4. General Primary Methods

Teaching

- (a) Degree Courses
 - I. Teaching I.
 - II. Teaching II.
 - III. Teaching III.
- (b) Diploma Courses

Same as Degree Courses and

 - 1. Kindergarten Theory I. to IV.—each 2½ hr. cr.
 - 2. Kindergarten Theory V.—3 hr. cr.
 - 3. Kg. Theory for Primary Teachers—2 hr. cr.
 - 4. Primary Theory for Kindergarten Teachers—2 hr. cr.
 - 5. Primary Criticism—3 terms with Teaching.
- (c) Normal Courses
 - 1. Demonstration Teaching for Rural Teachers
 - 2. Teaching under Critic in Rural Schools

English

- (a) Degree Courses
 - I. College Rhetoric
 - II. Theme Writing and Story Telling
 - III. Advanced Exposition
 - IV. Public Speaking I.
 - V. Public Speaking II.—3 hr. cr.

- VI. Argumentation I.—3 hr. cr.
- VII. Argumentation II.—3 hr. cr.
- VIII. The Oration
- IX. English Literature
- X. Anglo-Saxon—3 hr. cr.
- XI. History of the English Language—2 hr. cr.
- XII. Middle English
- XIII. Shakespeare
- XIV. Literary Criticism
- XV. The History of the English Drama I.
- XVI. The History of the English Drama II.
- XVII. The Puritan Period (Milton)—3 hr. cr.
- XVIII. The English Romantic Movement
- XIX. English Literature of the Nineteenth Century
- XX. Tennyson—3 hr. cr.
- XXI. American Literature
- XXII. Recent American Literature—3 hr. cr.
- XXIII. The Development of the English Novel
- XXIV. Elocution I.
- XXV. Elocution II.
- XXVI. Applied Drama
- XXVII. Repertoire I.
- XXVIII. Repertoire II.
- XXIX. The Teaching of English
- XXX. Principles of Expression.

(b) Diploma Courses

Same as Degree Courses

(c) Normal Courses

1. First half Language and Grammar
2. Second half Language and Grammar
3. Complete Language and Grammar
4. Reading
5. Elementary Elocution
6. First English Composition
7. Second English Composition
8. First English Classics
9. Second English Classics
10. Orthography (a)—5 hr. per week.
Orthography (b)—2 hr. per week

Mathematics

(a) Degree Courses

- I. Solid Geometry I.
- II. College Algebra I.

- III. Plane Trigonometry
- IV. College Algebra II.
- V. Spherical Trigonometry—2 hr. cr.
- VI. Surveying—3 hr. cr.
- VII. History and Teaching of Mathematics
- VIII. Analytical Geometry
- IX. Differential Calculus
- X. Integral Calculus
- (b) Diploma Courses
Same as Degree Courses
- (c) Normal Courses
 1. First half Arithmetic
 2. Second half Arithmetic
 3. Complete Arithmetic
 4. Commercial Arithmetic
 5. First Algebra
 6. Second Algebra
 7. Third Algebra
 8. First and Second Algebra
 9. Beginning Geometry
 10. Middle Geometry
 11. Solid Geometry

History

- (a) Degree Courses
 - I. Greek History
 - II. Roman History
 - III. English History
 - IV. Renaissance and Reformation
 - V. American History (a)
 - VI. Medieval History—3 hr. cr.
 - VII. Eighteenth Century History (a)—2 hr. cr.
Eighteenth Century History (b)—3 hr. cr.
 - VIII. Nineteenth Century History (a)—3 hr. cr.
Nineteenth Century History (b)—3 hr. cr.
 - IX. Method History (a)—2 hr. cr.
Method History (b)—2 hr. cr.
 - X. American History (b)—3 hr. cr.
- (b) Diploma Courses
Same as Degree Courses
- (c) Normal Courses
 1. First half U. S. History
 2. Second half U. S. History

3. Complete U. S. History
4. First General History
5. Second General History

Government

- (a) Degree Courses
 - I. American Government
 - II. English Government—3 hr. cr.
 - III. Municipal Government—3 hr. cr.
 - IV. Local Government and Problems—3 hr. cr.
 - V. Modern European Governments—3 hr. cr.
 - VI. Political Parties—3 hr. cr.
 - VII. American Constitutional History I.
 - VIII. American Constitutional History II.
 - IX. Constitutional Law
 - X. International Law—3 hr. cr.
- (b) Diploma Courses
Same as Degree Courses
- (c) Normal Courses
 1. Iowa Civics
 2. U. S. Civics
 3. Iowa and U. S. Civics (Not a credit course)

Economics

- (a) Degree Course
 - I. General Economics
 - II. Social and Economic Problems (a)—3 hr. cr.
 - III. Social and Economic Problems (b)—3 hr. cr.
 - IV. Social and Economic Problems (c)—3 hr. cr.
 - V. Sociology—2 hr. cr.
 - VI. American Industrial History (a)—3 hr. cr.
 - VII. American Industrial History (b)—3 hr. cr.
 - VIII. American Industrial History (c)—3 hr. cr.
 - IX. English Industrial History—2 hr. cr.
 - X. Money and Banking (a)—2 hr. cr.
 - XI. Money and Banking (b)—2 hr. cr.
 - XII. Public Finance (a)—2 hr. cr.
 - XIII. Public Finance (b)—2 hr. cr.
- (b) Diploma Courses
Same as Degree Courses
- (c) Normal Courses
 1. Elementary Economics

Latin and Greek

- (a) Degree Courses
- I. Livy and Latin Composition
 - II. Livy and Epodes of Horace
 - III. The Odes of Horace
 - IV. Latin Composition (a)—2 hr. cr.
 - V. Latin Composition (b)—2 hr. cr.
 - VI. Latin Composition (c)—2 hr. cr.
 - VII. Roman Literature (a) (b) (c)—each 3 hr. cr.
 - VIII. Roman Literature (a) (b) (c)—each 3 hr. cr.
 - IX. Roman Literature (a) (b) (c)—each 3 hr. cr.
 - X. Historical Latin Grammar (a)—2 hr. cr.
 - XI. Historical Latin Grammar (b)—2 hr. cr.
 - XII. Historical Latin Grammar (c)—2 hr. cr.
 - XIII. Elementary Greek (a)—3 hr. cr.
 - XIV. Elementary Greek (b)—3 hr. cr.
 - XV. Elementary Greek (c)—3 hr. cr.
 - XVI.—XVII.—XVIII. Seniors Electives—each 2 or 3 hr. cr.
 - XIX.—XX.—XXI. Beginning Latin and Caesar—each 5 hr. cr.
 - XXII.—XXIII. Cicero's Orations—each 5 hr. cr.
 - XXIV.—XXV. Virgil's Aeneid—each 5 hr. cr.
 - XXVI. Ovid
- (b) Diploma Courses
Same as Degree Courses
- (c) Normal Courses
1. First Latin Lessons
 2. Second Latin Lessons
 3. First Caesar
 4. Second Caesar

German and French

- (a) Degree Courses
- I. Die Jungfrau von Orleans
 - II. German Prose Composition
 - III. Emilia Galotti, Lyrics and Ballads
 - IV. Nathan der Weise
 - V. Ephigenie auf Tauris and Die Braut von Messina
 - VI. Der dreissigjaerige Krieg
 - VII. Modern German Prose
 - VIII. German Classics
 - IX. German Lessons
 - X. German Lessons

- XI. Immense and Hoehner als die Kirche
- XII. Die Journalisten
 - I. French Lessons
 - II. French Lessons
- III. Le Voyage de M. Perrichon and L'Abbe Constantin.
- IV. L'Histoire d'un jeune Homme and Le Conscrit de 1813
- V. Le Bourgeois Gentilhomme and La Mare au Diable
- VI. Le Gendre de M. Poirier and un Philosophe sous les Toits
- (b) Diploma Courses
Same as Degree Courses
- (c) Normal Courses
 - 1. First German Lessons
 - 2. Second German Lessons
 - 3. Third German
 - 4. Fourth German

Physics and Chemistry

- (a) Degree Courses
 - I. Mechanics and Sound—3 hr. cr.
 - II. Laboratory Work in Mechanics—2 hr. cr.
 - III. Heat and Light—3 hr. cr.
 - IV. Laboratory Work in Heat and Light—2 hr. cr.
 - V. Electricity and Magnetism—3 hr. cr.
 - VI. Laboratory Work in Electricity and Magnetism—2 hr. cr.
 - VII. Advanced Mechanics—3 hr. cr.
 - VIII. Advanced Course in Light—3 hr. cr.
 - IX. Advanced Course in Electricity and Magnetism—3 hr. cr.
 - X. Teachers Course in Physics
 - I. Chemistry I.
 - II. Chemistry II.
 - III. Chemistry III.
 - IV. Organic Chemistry
 - V. Quantitative Analysis—Gravimetric
 - VI. Quantitative Analysis—Volumetric
 - VII. (a) Sanitary Water Analysis—2 hr. cr.
(b) Mineral Water Analysis—3 hr. cr.
 - VIII. Special Laboratory Course
- (b) Diploma Courses
 - 1. Sound—3 or 5 hr. cr.
 - 2. Heat and Industrial Electricity—3 hr. cr.
 - 3. Laboratory Work in Heat and Industrial Electricity

—2 hr. cr.

4. Physics of Common Things—3 hr. cr.
5. Chemistry IX (Inorganic)
6. Chemistry X (Inorganic)
7. Chemistry XI (Household)
8. Chemistry XIII (Food Analysis)
9. Chemistry XII (Food and Nutrition)
10. Chemistry XIV (a)—3 hr. cr.
Chemistry XIV. (b)—2 hr. cr.

(c) Normal Courses

1. First Physics—3 hr. cr.
2. First Physics Laboratory—2 hr. cr.
3. Second Physics—3 hr. cr.
4. Second Physics Laboratory—2 hr. cr.

Natural Science

(a) Degree Courses

- I. Zoology I.
- II. Zoology II.
- III. Zoology III.
- IV. Nature Study
- V. Physiology I.
- VI. Hygiene and Sanitation (a)
- VII. Hygiene and Sanitation (b)—3 hr. cr.
- VIII. Physiography I.
- IX. Mineralogy
- X. Influence of Geography upon American History
- XI. Astronomy
- XII. Geology I.
- XIII. Geology II.
- XIV. Agriculture I.
- XV. Agriculture II.
- XVI. Agriculture III.
- XVII. Commercial and Economic Geography of North America
- XVIII. Commercial Geography of Europe
- XIX. Conservation of Natural Resources
- XX. Botany I.
- XXI. Botany II.
- XXII. Botany III.
- XXIII. Botany IV. 3 hr. cr.
- XXIV. Botany V. (Bacteriology) 3 hr. cr.

(b) Diploma Courses

Same as Degree Courses

(c) Normal Courses

1. Elementary Zoology
2. Physiology
3. First Agriculture
4. Second Agriculture
5. Third Agriculture
6. First Geography
7. Second Geography
8. Complete Geography
9. Elementary Botany
10. Elementary Physiography

Manual Training

*(a) Degree Courses

- I. Manual Training Methods I.
- II. Manual Training Methods II.—3 hr. cr.
- III. Organization and Economics of Manual Training—3 hr. cr.
- IV. and VIII. Woodwork—each 3 hr. cr.
- V. and VI. Woodwork—each 2 hr. cr.
- VII. Woodwork—5 hr. cr.
- IX. and XII. Mechanical Drawing—each 2 hr. cr.
- X. and XI. Mechanical Drawing—each 3 hr. cr.
- XIII. Wood Turning—2 hr. cr.
- XIV. and XV. Sheet Metal Work—each 2½ hr. cr.

*Note: Not more than 20 hr. may be elected by a student who does not major in Manual Arts.

(b) Diploma Courses

Same as Degree Courses

(c) Normal Courses

1. Primary Handwork
2. Elementary Handwork
3. Handwork for Rural Schools
4. Woodwork for Rural Schools

Art

*(a) Degree Courses

- I. History of Architecture and Sculpture
- II. History of Painting
- III. Cast Drawing I. 2½ hr. cr.
- IV. Cast Drawing II.—2½ hr. cr.
- V. Design—2½ hr. cr.

- VI. Still Life—2½ hr. cr.
- VII. Perspective—2½ hr. cr.
- VIII. Water Color—2½ hr. cr.
- IX. Supervision in Art—2½ hr. cr.

*Note: Not more than 10 hr. may be elected from courses III to IX by a student who does not major in Art.

(b) Diploma Courses

Same as Degree Courses and

- 1. Kindergarten Drawing I.—2½ hr. cr.
- 2. Kindergarten Drawing II.—2½ hr. cr.
- 3. Primary Drawing I.—2½ hr. cr.
- 4. Primary Drawing II.—2½ hr. cr.

(c) Normal Courses

- 1. First Drawing
- 2. Second Drawing

Home Economics

(a) Degree Courses

- I. Elementary Food Theory I.—2 hr. cr.
- II. Elementary Food Theory II.—2 hr. cr.
- III. Elementary Food Theory III.—2 hr. cr.
- IV. Principles and Preparations of Foods I.—3 hr. cr.
- V. Principles and Preparations of Foods II.—3 hr. cr.
- VI. Advanced Cooking—1 hr. cr.

(b) Diploma Courses

Same as Degree Courses and

- 1. Household Architecture—2 hr. cr.
- 2. Household Management—1 hr. cr.
- 3. Methods, Home Economics—1 hr. cr.
- 4. Dietetics—1 hr. cr.
- 5. Serving—1 hr. cr.
- 6. Demonstrations—1 hr. cr.
- 7. Sewing, three terms—Sub-collegiate

(c) Normal Courses

- 1. First Sewing
- 2. Second Sewing
- 3. First Cooking and Household Management
- 4. Second Cooking and Household Management

Public School Music

* (a) Degree Courses

- I. Music I.—2½ hr. cr.

- II. Music II.—2½ hr. cr.
- III. History of Music I.—2 hr. cr.
- IV. History of Music II.—3 hr. cr.
- V. Harmony I.—3 hr. cr.
- VI. Harmony II.—2 hr. cr.
- VII. Harmony III.—3 hr. cr.
- VIII. Harmony IV.—2 hr. cr.

* Note: Not more than 10 hr. may be elected by a student who does not major in Music.

(b) Diploma Courses

Same as Degree courses and—

- 1. Sight Singing (Lower grades)—2½ hr. cr.
- 2. Sight Singing (Upper Grades)—2½ hr. cr.
- 3. Methods (Lower grades)—2½ hr. cr.
- 4. Methods (Upper grades)—2½ hr. cr.
- 5. High School Music and Child Voice—2½ hr. cr.
- 6. Appreciation of Music—2½ hr. cr.
- 7. Theory of Music—2½ hr. cr.
- 8. Supervision—2 hr. cr.
- 9. Voice, Piano and Organ—Sub-collegiate

(c) Normal Courses

- 1. First term Music
- 2. Second term Music

Commercial

(b) Diploma Courses

- 1. Accounting I.
- 2. Accounting II.
- 3. Commercial Correspondence
- 4. Commercial Law
- 5. Shorthand, three terms—Sub-collegiate
- 6. Typewriting, three terms—Sub-collegiate

(c) Normal Courses

- 1. Elementary Bookkeeping
- 2. Shorthand, three terms
- 3. Typewriting, three terms
- 4. Penmanship, six terms

Physical Education

* (a) Degree Courses

- I. Anatomy I.
- II. Anatomy II.
- III. Theory of Physical Education

IV. Playground Methods I, II—each 3 hr. cr.

V. History of Physical Education—3 hr. cr.

VI. First Aid to the Injured—2 hr. cr.

VII Theory of Athletics I, II—each 2 hr. cr.

*Note: Not more than 20 hr. cr. may be elected by students who do not major in Physical Education.

(b) Diploma Courses

Same as Degree Courses and—

1. Anthropometry—3 hr. cr.
2. Physical Diagnosis—2 hr. cr.
3. Physiology of Exercise
4. Medical Gymnastics and Massage—3 hr. cr.
5. Physical Department Administration—2 hr. cr.

Violin and Other Orchestral Instruments

(b) Diploma Courses

1. Violin, Oboe, Flute, Clarinet, Bassoon, Cornet, French Horn, Trombone, Tuba, Cello, Double Bass, Harp—Sub-collegiate
2. Orchestra and Ensemble
3. Harmony
4. Ear Training

PROGRAM OF RECITATIONS.

EXPLANATORY NOTE:

The program of recitations is for Fall, Winter, and Spring terms 1914-15. Changes may be made and the program extended, if the number enrolled makes this necessary.

The arabic numerals following the teachers' names indicate the periods in which the subjects are given, i.e. 3-4 shows two sections (one reciting the third period and the other the fourth period); while 3 and 4 means one section extending over the third and fourth periods.

The periods are as follows:

First	8:00 to 9:00
Second	9:00 to 10:00
Chapel	10:00 to 10:20
Third	10:25 to 11:25
Fourth	11:25 to 12:25
Fifth	1:30 to 2:30

Sixth	2:30 to	3:30
Seventh	3:30 to	4:30
Eighth	4:30 to	5:30

FALL TERM

EDUCATION:

COLLEGE COURSES

Psychology I., Mr. Samson 3-7.
 Psychology II., Mr. Samson 2.
 School Management, Mr. Colegrove 2-7.
 History of Education, Mr. Walters 1-2-4.
 Experimental Psychology, Mr. Mount 7.
 School Administration, Mr. Colegrove 1.
 Philosophy of Education, Mr. Walters 5.
 Ethics, Mr. Samson 6.

DIPLOMA COURSES

Psychology I., Miss Buck 1-3-4-5; Mr. Mount 2-6.
 Psychology II., Mr. Mount 3.
 Primary Methods, 1st term, Miss McGovern 1-2-3.

NORMAL COURSES.

Elementary Psychology, Mr. Campbell 3.
 The Country School, Mr. Campbell 1.
 Didactics, Mr. Campbell 4.
 General Primary Methods, Miss McGovern 5.

TEACHING:

COLLEGE COURSES

Illustrative Teaching, 2-5-6.
 Teaching as arranged.

DIPLOMA COURSES

Kindergarten Theory I, Miss Ward 3.
 Criticism, (Mon. Tues. Wed. Thurs.), Miss Hatcher 6.
 Teaching as arranged.

NORMAL COURSES.

Rural Demonstration Teaching, 3.
 Teaching as arranged.

ENGLISH.

COLLEGE COURSES

Rhetoric, Mr. Lynch 3-5; Mr. Gist 1-4; Miss Lambert 2; Mr. Barnes 1-3; Miss Gregg 5; Miss Hearst 6; Miss Siner 6.
 Theme Writing & Story Telling, Miss Carpenter 2.
 Public Speaking II., Mr. Barnes 5.
 Argumentation II., Mr. Barnes 6.
 English Literature, Miss Carpenter 1.
 Shakespeare, Mr. Gist 3.
 Literary Criticism, Miss Carpenter 4.
 The Puritan Period (Milton), Mr. Lynch 7.
 Recent American Literature, Miss Lambert 4.
 Elocution I., Miss Martin 1; Miss Falkler 2-3; Miss Shanewise 4-5.
 Elocution II., Miss Martin 2; Miss Shanewise 3.
 The History of the English Drama I., Miss Lambert 1.
 Repertoire II., Miss Martin 3.

DIPLOMA COURSES

Same as College Courses.

NORMAL COURSES.

1st half Language and Grammar, Miss Gregg 4; Miss Hearst 2.
 2nd half Language and Grammar, Miss Hearst 3.
 Complete Language and Grammar, Miss Gregg 2-3.
 Reading, Miss Falkler 6.
 Elementary Elocution, Miss Falkler 4.
 First English Composition, Miss Siner 2-4.
 First English Classics, Miss Oliver 4.
 Second English Classics, Miss Hearst 5.
 Orthography (a), Miss Oliver 1-2.

MATHEMATICS:

COLLEGE COURSES

Solid Geometry, Mr. Wright 4.
 College Algebra I., Mr. Condit 5-6.
 Plane Trigonometry, Mr. Condit 7.
 Analytical Geometry, Mr. Condit 3.

DIPLOMA COURSES

Same as College Courses.

NORMAL COURSES.

- First half Arithmetic, Miss Lambert 4-5; Mr. Daugherty 1.
 Second half Arithmetic, Miss Allen 6.
 Complete Arithmetic, Mr. Daugherty 3-5; Mr. Cory 4.
 First Algebra, Miss Allen 1-2.
 Second Algebra, Miss Allen 5.
 Third Algebra, Miss Lambert 1-2.
 Beginning Geometry, Mr. Wright 2.
 Middle Geometry, Mr. Wright 3.
 First and Second Algebra, Mr. Daugherty 4.

LATIN AND GREEK:

COLLEGE COURSES

- Latin I., (Livy and Latin Composition), Mr. Merchant 1.
 Latin IV., (Latin Composition), Mr. Merchant 3.
 Latin VII., (Roman Literature), Mr. Merchant 2.
 Latin X., (Historical Latin Grammar), Mr. Merchant 2.
 Latin XIX., (First Beginning Latin), Mr. Merchant 6.
 Greek XIII., (First Elementary Greek), Mr. Merchant 3.
 Latin XXIV., (Virgil's Aeneid), Miss Call 5.

DIPLOMA COURSES

Same as College Courses.

NORMAL COURSES.

- First Latin Lessons, Miss Call 2.
 First Caesar, Miss Call 4.
 Second Caesar, Miss Call 3.

GERMAN AND FRENCH:

COLLEGE COURSES

- German I., (Die Jungfrau von Orleans), Miss Lorenz 5.
 German II., (German Prose Composition), Miss Lorenz 2.
 German III., (Emilia Galotti, Lyrics and Ballads), Miss Lorenz 1.
 German VI., (Der dreissigjaehrige Krieg), Mr. Knoepfler 3.
 German IX., (German Lessons), Mr. Knoepfler 5.
 German XII., (Die Journalisten), Miss Lorenz 6.
 French I. (French Lessons), Mr. Knoepfler 1.
 French IV. (L'Histoire d'un jeune Homme and Le Censcrit de 1813), Mr. Knoepfler 2.

DIPLOMA COURSES

Same as College Courses.

NORMAL COURSES.

First German Lessons, Miss Nolte 4.
 Second German Lessons, Miss Nolte 2.
 Third German, Miss Nolte 3.
 Fourth German, Miss Nolte 6.

PHYSICS AND CHEMISTRY:

COLLEGE COURSES

Mechanics and Sound, (Mon. Wed. Fri.), Mr. Begeman 2.
 Laboratory Work in Mechanics, (Mon. Wed.); Mr. Begeman
 7 and 8.
 Advanced Mechanics, Mr. Begeman 5.
 Chemistry I., Mr. Getchell 3.
 Organic Chemistry, Mr. Bond 5.

DIPLOMA COURSES

Chemistry IX (Inorganic), Mr. Getchell 5-7; Mr. Read 2-4.
 Chemistry XIII. (Food Analysis), Mr. Bond 1-3.
 Physics of Common Things, Mr. Perrine 5.
 Sound, Mr. Begeman 4.

NORMAL COURSES.

First Physics (Mon. Wed. Fri.), Mr. Perrine 3; Mr. Hersey 1.
 First Physics (Tues. Thurs. Fri.), Mr. Perrine 4; Mr. Hersey 2.
 First Physics Laboratory (Mon. Wed.), Mr. Perrine 7 and 8;
 Mr. Hersey 5 and 6.
 First Physics Laboratory (Tues. and Thurs.), Mr. Perrine 7
 and 8; Mr. Hersey 5 and 6.
 Second Physics (Mon. Wed. Fri.), Mr. Hersey 3.
 Second Physics Laboratory (Tues. Thurs.), Mr. Hersey 3
 and 4.

HISTORY:

COLLEGE COURSES

Greek History, Miss Rice 1-2.
 Renaissance and Reformation, Miss Riggs 5.
 American History, Miss Riggs 3.
 Method History, (Tues. Thurs), Miss Riggs 6.

DIPLOMA COURSES

Same as College Courses.

NORMAL COURSES.

First half U. S. History, Miss Rice 5; Mr. Peterson 1.

Second half U. S. History, Miss Rice 3.

Complete U. S. History, Miss Riggs 4; Mr. Morgan 2.

GOVERNMENT:

COLLEGE COURSES

American Government, Mr Meyerholz 2.

English Government, Mr. Peterson 5.

Municipal Government, Mr. Meyerholz 4.

American Constitutional History I., Mr. Meyerholz 6.

DIPLOMA COURSES

Same as College Courses.

NORMAL COURSES.

Iowa Civics, Mr. Peterson 3.

U. S. Civics, Mr. Peterson 2.

Iowa and U. S. Civics, Mr. Meyerholz 1

ECONOMICS:

COLLEGE COURSES

General Economics, Mr. McKitrick 6; Mr. Morgan 1.

Social and Economic Problems, (Mon. Wed. Fri.), Mr. McKitrick 7.

Sociology (Tues. Thurs.), Mr. McKitrick 7.

American Industrial History (Mon. Wed. Fri.), Mr. Morgan 3.

English Industrial History (Tues. Thurs.), Mr. Morgan 3.

DIPLOMA COURSES

Same as College Courses.

NORMAL COURSES.

Elementary Economics, Mr. McKitrick 4; Mr. Morgan 5.

NATURAL SCIENCE:

COLLEGE COURSES

- Zoology I., Mr. Arey 1-3.
 Zoology I. Laboratory, (Mon. Wed. and Tues. Thurs.), Mr. Arey 7 and 8.
 Physiology I., Mr. Newton 1.
 Hygiene and Sanitation (a), Mr. Newton 3.
 Hygiene and Sanitation (b), Mr. Newton 4-5.
 Physiography I., Mr. Cable 2.
 Mineralogy, Mr. Cable 4.
 Agriculture I., Mr. Davis 1.
 Agriculture I. Laboratory, Mr. Davis 7 and 8.
 Commercial and Economic Geography of North America, Miss Aitchison 4.
 Botany I., Mr. Palmer 3.
 Botany I. Laboratory, (Tues.) Mr. Palmer 7 and 8.

DIPLOMA COURSES

Same as College Courses.

NORMAL COURSES.

- Elementary Zoology, Mr. Arey 5.
 Elementary Physiology, Mr. Newton 2.
 Elementary Physiography, Mr. Cable 1-5.
 First Agriculture, Mr. Davis 2;1-3-4.
 Agriculture Laboratory, (Mon. Wed.)7 and 8.
 Second Agriculture, Mr. Davis 3.
 First half Geography, Miss Aitchison 1.
 Second half Geography, Miss Aitchison 2.
 Complete Geography, Miss Aitchison 3.
 Elementary Botany, Mr. Palmer 1-2.

MANUAL TRAINING:

COLLEGE COURSES

- Manual Training Methods I., Mr. Bailey 2.
 Woodwork, Advanced, Mr. Brown 3 and 4.
 Woodwork IV., (Mon. Wed. Fri.), Mr. Brown 7 and 8.
 Mechanical Drawing X and XI. (Mon. Wed. Fri.), Mr. Bailey 3 and 4.
 Mechanical Drawing IX and XII. (Tues. Thurs.), Mr. Bailey 7 and 8.
 Wood Turning, Mr. Brown 3 and 4.

DIPLOMA COURSES

Same as College Courses.

NORMAL COURSES.

Primary Handwork, Mrs. McMahon 1-2-3.
Handwork for Rural Schools, Mrs. McMahon 5.
Woodwork for Rural Schools, Mr. Brown 6.

ART:

COLLEGE COURSES

Cast Drawing I., Miss Patt 5.
Still Life, Miss Thorton 2.
Perspective, Miss Thornton 1.
Water Color, Miss Thornton 6.

DIPLOMA COURSES

Same as College Courses and
Kindergarten Drawing I., Miss Schuneman 2.
Primary Drawing I., Miss Schuneman 4-5.

NORMAL COURSES.

First Drawing, Miss Patt 1-4; Miss Thornton 3.
Second Drawing, Miss Patt 2.

PUBLIC SCHOOL MUSIC:

COLLEGE COURSES

Music I., Mr. Fullerton 1.
Music II., Mr. Fullerton 3.
History of Music II., (Mon. Wed. Thurs.), Miss Childs 6.
Harmony I., (Mon. Wed. Fri.), Miss Thomson 3.

DIPLOMA COURSES

Same as College Courses and
Methods (Lower Grades), (Mon. Wed. Thurs.),1.
Methods (Upper Grades), (Mon. Wed. Fri.), Miss Stenwall 5.
High School Music (Tues. Thurs.) Mr. Fullerton 5.

NORMAL COURSES.

First term Music, Miss Stenwall 1-2; Miss Thomson 4-6.
Second term Music,3-4.

COMMERCIAL:

DIPLOMA COURSES

Commercial Correspondence, Mr. Coffey 1.
 Commercial Law, Mr. Coffey 5.
 First Typewriting, Mr. Coffey 4.
 First Shorthand, Mr. Coffey 3.

NORMAL COURSES

First Bookkeeping, Mr. Cummins 2.
 First Penmanship, Mr. Cummins 3-5-6.
 Advanced Penmanship, Mr. Cummins 4.

HOME ECONOMICS:

COLLEGE COURSES

Elementary Food Theory I. (Mon. Wed.), Miss Young 1 and 2; 3 and 4; Miss Goff 1 and 2; 5 and 6; Miss Stallman 3 and 4; 5 and 6.
 Principles and Preparation of Foods I. (Tues. Thurs. Fri.), Miss Young 1; Miss Stallman 3-5.

DIPLOMA COURSES

Same as College Courses and
 Dietetics, (Tues. Thurs.), Miss Young 5 and 6; Miss Goff 3 and 4; 5 and 6; 7 and 8; Miss Stallman 7 and 8.
 First Sewing (Daily) 1, Miss Heinz.
 First Sewing (Mon. Wed.) 1 and 2, (Fri.) 2, Miss Freer.
 First Sewing (Mon. Wed.) 3 and 4, (Fri.) 3, Miss Heinz, Miss Freer.
 First Sewing (Tues. Thurs.) 3 and 4, (Fri.) 4, Miss Heinz, Miss Freer.
 First Sewing (Tues. Thurs.) 5 and 6, (Fri.) 5, Miss Freer,
 First Sewing (Mon. Wed.), 5 and 6, (Fri.) 5, Miss Heinz.

NORMAL COURSES

First Sewing, Miss Hurd 1-2-7.
 Second Sewing, Miss Hurd 4.
 First Cooking (Mon. Wed. and Tues. Thurs.), Miss Hurd 3 and 4.
 First Cooking (Tues. Thurs.), Miss Hurd 5 and 6.
 Second Cooking (Mon. Wed.), Miss Hurd 5 and 6.

PHYSICAL EDUCATION:

COLLEGE COURSES

- Anatomy I., Mr. Seymour 3.
 Theory of Physical Education, Mr. Seymour 4; Miss
 Hussey 4.
 Theory of Athletics I. (Tues. Thurs.), Mr. Seymour 6.

DIPLOMA COURSES

- Same as College Courses, and
 Anthropometry, (Mon. Wed. Fri.), Mr. Seymour 2.
 Physical Diagnosis, (Tues. Thurs.), Mr. Seymour 2.

PRACTICAL WORK

- First term Physical Training (Primary), Miss Hussey 5;
 Miss Wild 4.
 First Physical Training, (Tues. Thurs.), Miss Hussey 6;
 Miss Wild 3; Miss Nisbet 4-6.
 First Physical Training, (Mon. Wed.), Miss Hussey 3; Miss
 Wild 5.
 Second Physical Training (Tues. Thurs.), Miss Wild 6.
 Third Physical Training, (Mon. Wed.), Miss Nisbet 6.
 Gymnastics, Miss Hussey 7.
 Tennis, (Mon. Wed.), Mr. Berkstresser 4-5.
 Tennis, (Tues. Thurs.), Mr. Berkstresser 5.
 Swimming, (Mon. Wed.), Miss Hussey 6; Miss Wild 3-7;
 Miss Nisbet 4.
 Swimming, (Tues. Thurs.), Miss Wild 5; Miss Nisbet 3-7;
 Mr. Berkstresser 4-6.
 Cricket (Tues. Thurs.), Miss Nisbet 5.
 Rhythm II., (Mon. Wed.), Miss Wild 6.
 Folk Dancing, (Mon. Wed.), Miss Nisbet 3-5.
 Rhythm I., (Tues. Thurs.), Miss Wild 7.
 Golf, (Mon. Wed.), Mr. Seymour 5.
 Golf, (Tues. Thurs.), Mr. Seymour 5.
 Football, (Mon. Wed.), Mr. Berkstresser 6.
 Cross Country (Mon. Wed.), Mr. Seymour 6.
 Hockey, (Mon. Wed.), Miss Nisbet 7.
 Athletics, Miss Hussey 8.
 Football Team, Mr. Berkstresser 7 and 8.
 Football Squad, Mr. Seymour 7 and 8.

WINTER TERM

EDUCATION:

COLLEGE COURSES

Psychology I., Mr. Samson 2-5.
 Psychology II., Mr. Samson 1-4.
 School Management, Mr. Colegrove 2-3-5.
 History of Education, Mr. Walters 3-4-7.
 Experimental Psychology, Mr. Mount 7.
 Educational Classics, Mr. Walters 6.

DIPLOMA COURSES

Psychology I., Miss Buck 1-2-3.
 Psychology II., Mr. Colegrove 4; Mr. Mount 1-2-3; Miss
 Buck 7.
 Primary Methods II., Miss McGovern 1-2.
 Primary Methods I., Miss McGovern 3.

NORMAL COURSES

Didactics, Mr. Campbell 3-4.
 The Country School, Mr. Campbell 1.
 Elementary Psychology, Mr. Campbell 2.
 General Primary Methods, Miss McGovern 5.

TEACHING:

COLLEGE COURSES

Illustrative Teaching, 6.
 Teaching as arranged.

DIPLOMA COURSES

Same as College Courses and
 Kindergarten Theory II, Miss Ward 2.
 Kindergarten Theory IV., Miss Ward 4.
 Primary Criticism, (Tues. Thurs.), Miss Hatcher 6.
 Teaching as arranged.

NORMAL COURSES

Rural Demonstration Teaching, 3.
 Teaching as arranged.

ENGLISH:

COLLEGE COURSES

Rhetoric, Mr. Lynch 5; Mr. Gist 4; Miss Siner 2.
 Advanced Exposition, Mr. Lynch 2.

- Public Speaking I., Mr. Barnes 3.
 Public Speaking II., Mr. Barnes 5.
 Argumentation I., Mr. Barnes 2.
 Argumentation II., Mr. Barnes 6.
 English Literature, Miss Carpenter 1-3; Miss Lambert 2-4.
 Anglo-Saxon, Mr. Gist 5.
 History of the English Language, Mr. Gist 5.
 The History of the English Drama II., Miss Lambert 1.
 Tennyson, Mr. Gist 2.
 American Literature, Mr. Lynch 7.
 Elocution I., Miss Falkler 4-5; Miss Shanewise 3-4.
 Elocution II., Miss Martin 1; Miss Shanewise 5.
 Applied Drama, Miss Martin 4.
 Repertoire I., Miss Martin 2.
 The English Romantic Movement, Miss Carpenter 4.

DIPLOMA COURSES

Same as College Courses.

NORMAL COURSES

- First half Language and Grammar, Miss Gregg 5; Miss Hearst 1-4.
 Second half Language and Grammar, Miss Hearst 5.
 Complete Language and Grammar, Miss Gregg 3-4.
 Reading, Miss Falkler 2.
 Elementary Elocution, Miss Falkler 3.
 First English Composition, Miss Gregg 2; Miss Siner 3.
 Second English Composition, Miss Siner 5.
 First English Classics, Miss Oliver 4.
 Second English Classics, Miss Hearst 3.
 Orthography (a), Miss Oliver 1-2.

MATHEMATICS:

COLLEGE COURSES

- Solid Geometry, Mr. Wright 1.
 College Algebra I., Miss Lambert 2.
 Plane Trigonometry, Mr. Daugherty 6-7.
 College Algebra II., Mr. Condit 2.
 Spherical Trigonometry, (Tues. Thurs.), Mr. Condit 7.
 Differential Calculus, Mr. Condit 3.

DIPLOMA COURSES

Same as College Courses.

NORMAL COURSES

- First half Arithmetic, Mr. Daugherty 3-4.
 Second half Arithmetic, Miss Lambert 3-4.
 Complete Arithmetic, Mr. Condit 5; Mr. Cory 4.
 First Algebra, Miss Lambert 6.
 Second Algebra, Miss Allen 3.
 Third Algebra, Miss Allen 1-5.
 First and Second Algebra, Miss Allen 2.
 Beginning Geometry, Mr. Wright 4.
 Middle Geometry, Mr. Wright 2.

HISTORY:

COLLEGE COURSES

- American History (b), (Mon. Wed. Fri.), Miss Riggs 5.
 Eighteenth Century History, (Tues. Thurs.), Miss Riggs 4.
 Nineteenth Century History (Mon. Wed. Fri.), Miss Riggs 4.
 Roman History, Miss Rice 2-3.

DIPLOMA COURSES

Same as College Courses.

NORMAL COURSES

- First half U. S. History, Miss Rice 4-5.
 Second half U. S. History, Mr. Morgan 2.
 Complete U. S. History, Miss Riggs 2-3.
 First General History, Mr. Peterson 2.

GOVERNMENT:

COLLEGE COURSES

- American Government, Mr. Peterson 3.
 Modern European Government, Mr. Meyerholz 5.
 American Constitutional History II., Mr. Meyerholz 6.
 International Law, Mr. Meyerholz 2.

DIPLOMA COURSES

Same as College Courses.

NORMAL COURSES

- Iowa Civics, Mr. Peterson 1.
 U. S. Civics, Mr. Peterson 4.
 Iowa and U. S. Civics, Mr. Meyerholz 3.

ECONOMICS:

COLLEGE COURSES

- General Economics, Mr McKitrick 6; Mr. Morgan 1.
 Social and Economic Problems (b) (Mon. Wed. Fri.), Mr. McKitrick 7.
 American Industrial History (b) (Mon. Wed. Fri.), Mr. Morgan 3.
 Sociology, (Tues. Thurs.), Mr. McKitrick 7.
 Money and Banking (a) (Tues. Thurs.), Mr. McKitrick 3.

DIPLOMA COURSES

Same as College Courses.

NORMAL COURSES

- Elementary Economics, Mr. McKitrick 4; Mr. Morgan 5.

LATIN AND GREEK:

COLLEGE COURSES

- Latin II., (Livy and the Epodes of Horace), Mr. Merchant 1.
 Latin V., (Latin Composition), Mr. Merchant 3.
 Latin VIII., (Roman Literature), Mr. Merchant 2.
 Latin XI., (Historical Latin Grammar), Mr. Merchant 2.
 Latin XX., (Second Beginning Latin), Mr. Merchant 6.
 Latin XXII., (Cicero's Orations), Miss Call 3.
 Latin XXV., (Virgil's Aeneid), Miss Call 5.
 Greek XIV., (Second Elementary Greek), Mr. Merchant 3.

DIPLOMA COURSES

Same as College Courses.

NORMAL COURSES

- Second Latin Lessons, Miss Call 2.
 Second Caesar, Miss Call 4.

GERMAN AND FRENCH:

COLLEGE COURSES

- German I., (Die Jungfrau von Orleans), Miss Lorenz 5.
 German II., (German Prose Composition), Miss Lorenz 2.
 German IV., (Nathan der Weise), Miss Lorenz 3.
 German VII., (Modern German Prose), Mr. Knoepfler 3.

- German X., (German Lessons), Mr. Knoepfler 5.
 German XII., (Die Journalisten), Miss Lorenz 6.
 French II., (French Lessons), Mr. Knoepfler 1.
 French V., (Le Bourgeois Gentilhomme and La Mare au Diable), Mr. Knoepfler 2.

DIPLOMA COURSES

Same as College Courses.

NORMAL COURSES

- First German Lessons, Miss Nolte 4.
 Second German Lessons, Miss Nolte 2.
 Third German, Miss Nolte 3.
 Fourth German, Miss Nolte 6.

PHYSICS AND CHEMISTRY:

COLLEGE COURSES

- Mechanics and Sound (Mon. Wed. Fri.), Mr. Begeman 2.
 Laboratory Work in Mechanics, (Mon. Wed.), Mr. Begeman 7 and 8
 Electricity and Magnetism, (Tues. Thurs. Fri.), Mr. Begeman 4.
 Laboratory Work in Electricity and Magnetism, (Mon. Wed.) Mr. Begeman 4 and 5.
 Advanced Course in Light, Mr. Begeman 5.
 Chemistry II., Mr. Getchell 3.
 Quantitative Analysis—Gravimetric, Mr. Bond 1.

DIPLOMA COURSES

- Chemistry X., (Inorganic), Mr. Getchell 5-7; Mr. Read 2-4.
 Chemistry XII., (Food and Nutrition), Mr. Bond 5.

NORMAL COURSES

- First Physics, (Mon. Wed. Fri.), Mr. Perrine 1; Mr. Hersey 3.
 First Physics, (Tues. Thurs. Fri.), Mr. Perrine 2.
 First Physics Laboratory, (Tues. Thurs.), Mr. Perrine 5 and 6.
 First Physics Laboratory, (Mon. Wed.), Mr. Perrine 5 and 6; Mr. Hersey 7 and 8.
 Second Physics (Mon. Wed. Fri.), Mr. Perrine 3; Mr. Hersey 5.

Second Physics, (Tues. Thurs. Fri.), Mr. Hersey 4.
 Second Physics Laboratory (Tues. Thurs.), Mr. Perrine 3
 and 4; Mr. Hersey 7 and 8.

NATURAL SCIENCE:

COLLEGE COURSES

Zoology II., Mr. Arey 1.
 Zoology II. Laboratory, (Mon. Wed.), Mr. Arey 7 and 8.
 Hygiene and Sanitation (a) Mr. Newton 2-4-5.
 Agriculture II., Mr. Davis 1.
 Agriculture II. Laboratory, Mr. Davis 7 and 8.
 Commercial Geography of Europe, Miss Aitchison 5.
 Geology I., Mr. Cable 2.
 Botany II., Mr. Palmer 3.
 Botany II. Laboratory (Tues. Thurs.), Mr. Palmer 4.
 Botany IV., Mr. Palmer 5.
 Botany IV. Laboratory (Tues. Thurs.), Mr. Palmer 5 and 6.
 Botany V. (Bacteriology), Mr. Palmer 1.
 Influence of Geography upon American History, Mr. Cable 4.

DIPLOMA COURSES

Same as College Courses.

NORMAL COURSES

Elementary Physiology, Mr. Newton 3.
 First Agriculture, Mr. Davis 3.
 Second Agriculture, Mr. Davis 2;2-3-4.
 Agriculture Laboratory, (Mon. Wed.), Mr. Davis 7 and 8.
 First half Geography, Miss Aitchison 1.
 Second half Geography, Miss Aitchison 2.
 Complete Geography, Miss Aitchison 3.
 Elementary Botany, Mr. Palmer 2.
 Elementary Physiography, Mr. Cable 1-3.

MANUAL TRAINING:

COLLEGE COURSES

Manual Training Methods II., (Mon. Wed. Fri.), Mr.
 Bailey 3.
 Woodwork IV., (Mon. Wed. Fri.), Mr. Brown 3 and 4.
 Wood Turning, Mr. Brown 5 and 6.
 Mechanical Drawing IX and XII. (Tues. and Thurs.), Mr.
 Bailey 3 and 4.

Mechanical Drawing X and XI. (Mon. Wed. Fri.), Mr. Bailey 5 and 6.

Sheet Metal Work, Mr. Bailey 2.

Woodwork, Advanced, Mr. Brown 5 and 6.

DIPLOMA COURSES

Same as College Courses.

NORMAL COURSES

Primary Handwork, Mrs. McMahan 1-4.

Elementary Handwork, Mrs. McMahan 2.

Handwork for Rural Schools, Mrs. McMahan 5.

Woodwork for Rural Schools, Mr. Brown 7.

ART:

COLLEGE COURSES

History of Architecture and Sculpture, Miss Thornton 5.

Cast Drawing II., Miss Patt 6.

Still Life, Miss Thornton 3.

Perspective, Miss Thornton 4.

Water Color, Miss Thornton 6.

DIPLOMA COURSES

Same as College Courses and

Kindergarten Drawing II., Miss Schuneman 3.

Primary Drawing I., Miss Patt 2; Miss Schuneman 5-6.

Primary Drawing II., Miss Schuneman 2.

NORMAL COURSES

First Drawing, Miss Patt 1-4.

HOME ECONOMICS:

COLLEGE COURSES

Elementary Food Theory II. (Mon. Wed.), Miss Young 1 and 2; Miss Goff 1 and 2; 5 and 6; Miss Stallman 3 and 4; 5 and 6.

Elementary Food Theory II. (Tues. Thurs.), Miss Goff 3 and 4.

Principles and Preparations of Foods II., (Tues. Thurs. Fri.), Miss Young 1; Miss Stallman 3-5.

DIPLOMA COURSES

- Same as College Courses and
 Household Architecture (Tues. Thurs.), Miss Young 2
 and 3.
 Second Sewing (Daily), 1, Miss Heinz.
 Second Sewing (Daily), 2, Miss Freer.
 Second Sewing (Mon. Wed.) 3 and 4, (Fri) 3, Miss Heinz,
 Miss Freer.
 Second Sewing (Mon. Wed.), 5 and 6, (Fri.) 5, Miss Heinz,
 Miss Freer.
 Second Sewing (Tues. Thurs.), 3 and 4, (Fri.) 4, Miss
 Heinz, Miss Freer.
 Second Sewing (Tues. Thurs.) 5 and 6, (Fri.) 5, Miss Freer.
 Serving, Miss Young 7; Miss Goff 7; Miss Stallman 7.

NORMAL COURSES

- First Sewing, Miss Hurd 1-2.
 Second Sewing, Miss Hurd 4-6.
 First Cooking (Mon. Wed.), Miss Hurd 3 and 4; 5 and 6.
 Second Cooking (Tues. Thurs.), Miss Hurd 3 and 4; 5 and 6.

PUBLIC SCHOOL MUSIC:

COLLEGE COURSES

- Music I., Mr. Fullerton 2.
 Music II., Mr. Fullerton 1.
 History of Music I. (Tues. Thurs), Miss Childs 4.
 Harmony I., (Mon. Wed. Fri), Miss Thomson 4.
 Harmony III., (Mon. Wed. Thurs.), Miss Thomson 6.

DIPLOMA COURSES

- Same as College Courses and
 Sight Singing (Upper grades) (Mon. Wed. Fri.), Miss Sten-
 wall 5.
 Sight Singing (Lower Grades) (Tues. Wed. Fri.),.....3.
 Theory of Music (Tues. Wed. Fri.), Mr. Fullerton 5.

NORMAL COURSES

- First Term Music, Miss Stenwall 1-2; Miss Thomson 3.
 Second Term Music, 1-4.

COMMERCIAL:

DIPLOMA COURSES

- Accounting I., Mr. Cummins 1.
 Commercial Correspondence, Mr. Coffey 4.

- First Shorthand, Mr. Coffey 3.
 Second Shorthand, Mr. Coffey 5.
 First Typewriting, Mr. Coffey 1.
 Second Typewriting, Mr. Coffey 2.

NORMAL COURSES

- Elementary Bookkeeping, Mr. Cummins 2.
 First Penmanship, Mr. Cummins 3-5-6.
 Advanced Penmanship, Mr. Cummins 4.

PHYSICAL EDUCATION:

COLLEGE COURSES

- Anatomy II, Mr. Seymour 3.
 Playground Methods I., (Mon. Wed. Fri.), Mr. Seymour 6.
 History of Physical Education (Mon. Wed. Fri.), Mr. Seymour 4.
 First Aid to the Injured (Tues. Thurs.), Mr. Seymour 4.
 Theory of Athletics II. (Tues. Thurs.), Mr. Seymour 5.

PRACTICAL WORK

- Second term Physical Training (Mon. Wed.), Miss Hussey 5; Miss Wild 3; Miss Nisbet 4.
 First term Physical Training (Mon. Wed.), Miss Nisbet 5.
 Second term Physical Training (Tues. Thurs.), Miss Hussey 4; Miss Wild 6; Miss Nisbet 7.
 Third term Physical Training (Tues. Thurs.), Miss Nisbet 6.
 Second term Physical Training (Primary), (Mon. Wed.), Miss Hussey 3.
 Second term Physical Training (Primary), (Tues. Thurs.), Miss Wild 4.
 Gymnastics, Miss Hussey 7.
 First Gymnastics, (Mon. Wed.), Mr. Berkstresser 4-6.
 Second Gymnastics (Tues. Thurs.), Mr. Berkstresser 5.
 Third Gymnastics, (Tues. Thurs.), Mr. Seymour 7.
 Basket Ball (Mon. Wed.), Miss Hussey 4; Miss Nisbet 3; Mr. Berkstresser 7.
 Basket Ball (Tues. Thurs.), Miss Wild 5; Miss Nisbet 4; Mr. Berkstresser 6.
 Advanced Basket Ball, (Mon. Wed.), Miss Nisbet 7.
 Rhythm First, (Tues. Thurs.), Miss Wild 4-7.
 Rhythm Second, (Mon. Wed.), Miss Wild 6.
 Advanced Gymnastics (Mon. Wed.), Miss Wild 7.

Aesthetic Dancing, Miss Hussey 8.
 Folk Dancing (Mon. Wed.), Miss Wild 5; Miss Nisbet 6.
 Folk Dancing (Tues. Thurs.), Miss Nisbet 3.
 Swimming (Mon. Wed.), Mr. Berkstresser 5.
 Swimming (Tues. Thurs.), Mr. Berkstresser 7.
 Games (Tues. Thurs.), Miss Hussey 6.
 Gymnastic Team, Mr. Seymour 8.
 Basketball Team, Mr. Berkstresser 8.

SPRING TERM

EDUCATION:

COLLEGE COURSES

Psychology I., Mr. Samson 1.
 Psychology II., Mr. Samson 2-5.
 School Management, Mr. Colegrove 1-2-3-5.
 History of Education, Mr. Walters 1-2.
 Philosophy of Education, Mr. Walters 6.
 Logic, Mr. Walters 7.
 Experimental Psychology, Mr. Mount 6.
 Genetic Psychology, Mr. Mount 3.
 Rural School Problems, Mr. Hart 1.

DIPLOMA COURSES

Psychology I., Miss Buck 1-2.
 Psychology II., Mr. Mount 1-2; Miss Buck 3-5.
 Primary Methods II., Miss McGovern 2.
 Primary Methods III., (Mon. Wed. and Tues. Thurs.), Miss McGovern 1.

NORMAL COURSES

Didactics, Mr. Campbell 4.
 The Country School, Mr. Campbell 1.
 Elementary Psychology, Mr. Campbell 3.
 General Primary Methods, Miss McGovern 3-4.

TEACHING:

COLLEGE COURSES

Illustrative Teaching, 6.
 Teaching as arranged.

DIPLOMA COURSES

Same as College Courses and
 Kindergarten Theory III., Miss Ward 2.
 Kindergarten Theory IV., Miss Ward 4.
 Primary Theory for Kindergarten Teachers, Miss Hatcher 2-5.
 Kindergarten Theory for Primary Teachers, Miss Ward 3.
 Primary Criticism (Tues. Thurs.), Miss Hatcher 6.
 Teaching as arranged.

NORMAL COURSES

Rural Demonstration Teaching, 3.
 Teaching as arranged.

ENGLISH:

COLLEGE COURSES

Rhetoric, Mr. Lynch 5; Mr. Gist 1; Miss Siner 2.
 Public Speaking I., Mr. Barnes 1.
 Public Speaking II., Mr. Barnes 5.
 Argumentation I., Mr. Barnes 2.
 The Oration, Mr. Barnes 4.
 English Literature, Miss Carpenter 1-3; Miss Lambert 2-4.
 Anglo-Saxon and Middle English, Mr. Gist 4.
 English Literature of the Nineteenth Century, Miss Lambert 1.
 American Literature, Mr. Lynch 3.
 The Development of the English Novel, Miss Carpenter 4.
 Elocution I., Miss Falkler 3; Miss Shanewise 1-4.
 Elocution II., Miss Martin 1; Miss Shanewise 2.
 Repertoire I., Miss Martin 2.
 The Teaching of English, Mr. Lynch 7.
 Shakespeare, Mr. Gist 3.

DIPLOMA COURSES

Same as College Courses.

NORMAL COURSES

First half Language and Grammar, Miss Hearst 5.
 Second half Language and Grammar, Miss Hearst 3-4.
 Complete Language and Grammar, Miss Gregg 2-3-4.
 Reading, Miss Falkler 2.
 Elementary Elocution, Miss Falkler 4-5.
 First English Composition, Miss Siner 4.

Second English Composition, Miss Gregg 5; Miss Siner 1.
 First English Classics, Miss Oliver 4.
 Second English Classics, Miss Hearst 1.
 Orthography (a), Miss Oliver 1-3.
 Orthography (b), Miss Oliver 5.

MATHEMATICS:

COLLEGE COURSES

Solid Geometry, Mr. Wright 4.
 College Algebra I., Miss Lambert 5.
 College Algebra II., Mr. Condit 2.
 Plane Trigonometry, Mr. Daugherty 3.
 Surveying (Mon. Wed. Fri.), Mr. Daugherty 6.
 History and Teaching of Mathematics, Mr. Condit 5.
 Integral Calculus, Mr. Condit 3.

DIPLOMA COURSES

Same as College Courses.

NORMAL COURSES

First half Arithmetic, Miss Lambert 2.
 Second half Arithmetic, Mr. Daugherty 5.
 Complete Arithmetic, Mr. Daugherty 2; Miss Allen 4; Mr. Cory 3.
 First Algebra, Miss Allen 5.
 Second Algebra, Miss Lambert 3.
 Third Algebra, Miss Allen 1-3.
 First and Second Algebra, Miss Lambert 4.
 Beginning Geometry, Mr. Wright 1.
 Middle Geometry, Mr. Wright 5.
 Solid Geometry, Mr. Wright 2.

HISTORY:

COLLEGE COURSES

English History, Miss Rice 2-5.
 Medieval History (Mon. Wed. Fri.), Miss Riggs 6.
 Eighteenth Century History (Mon. Wed. Fri.), Miss Riggs 2.
 Nineteenth Century History (Mon. Wed. Fri.), Miss Riggs 5.
 Method History (Tues. Thurs.), Miss Riggs 5.

DIPLOMA COURSES

Same as College Courses.

NORMAL COURSES

- First half U. S. History, Miss Rice 4.
 Second half U. S. History, Miss Rice 3.
 Complete U. S. History, Miss Riggs 3; Mr. Morgan 2.
 Second General History, Mr. Peterson 1.

GOVERNMENT:

COLLEGE COURSES

- American Government, Mr. Meyerholz 2.
 Local Government and Problems, Mr. Meyerholz 4.
 Political Parties, Mr. Peterson 6.
 Constitutional Law, Mr. Meyerholz 5.

DIPLOMA COURSES

Same as College Courses

NORMAL COURSES

- Iowa Civics, Mr. Peterson 2.
 U. S. Civics, Mr. Peterson 5.
 Iowa and U. S. Civics, Mr. Meyerholz 1.

ECONOMICS:

COLLEGE COURSES

- General Economics, Mr. Morgan 1; Mr. McKitrick 6.
 Social and Economic Problems (Mon. Wed. Fri.), Mr. McKitrick 7.
 Sociology, (Tues. Thurs.), Mr. McKitrick 2.
 American Industrial History (Mon. Wed. Fri.), Mr. Morgan 3.
 Money and Banking (Tues. Thurs.), Mr. McKitrick 3.

DIPLOMA COURSES

Same as College Courses

NORMAL COURSES

- Elementary Economics, Mr. McKitrick 4; Mr. Morgan 5.

LATIN AND GREEK:

COLLEGE COURSES

- Latin III. (The Odes of Horace), Mr. Merchant 1.
 Latin IX. (Roman Literature), Mr. Merchant 2.
 Latin VI. (Latin Composition), Mr. Merchant 3.

- Latin XII. (Historical Latin Grammar), Mr. Merchant 3.
 Latin XXI. (Third Beginning Latin), Mr. Merchant 6.
 Latin XXIII. (Cicero's Orations), Miss Call 3.
 Latin XXII. (Cicero's Orations), Miss Call 4.
 Latin XXVI. (Ovid), Miss Call 5.
 Greek XV. (Third Elementary Greek), Mr. Merchant 3.

DIPLOMA COURSES

Same as College Courses.

NORMAL COURSES

First Caesar, Miss Call 2.

GERMAN AND FRENCH:

COLLEGE COURSES

- German I. (Die Jungfrau von Orleans), Miss Lorenz 5.
 German II. (German Prose Composition), Miss Lorenz 2.
 German V. (Ephigenie auf Tauris, and Die Braut von Messina), Miss Lorenz 3.
 German XII. (Die Journalisten), Miss Lorenz 6.
 German VIII. (German Classics), Mr. Knoepfler 3.
 German XI. (Immensee and Hoeher als die Kirche), Mr. Knoepfler 5.
 French III. (Le Voyage de M. Perrichon and L'Abbe Constantin), Mr. Knoepfler 1.
 French VI. (Le Gendre de M. Poirier, and un Philosophe sous les Toits), Mr. Knoepfler 2.

DIPLOMA COURSES

Same as College Courses.

NORMAL COURSES

- First German Lessons, Miss Nolte 4.
 Second German Lessons, Miss Nolte 2.
 Third German, Miss Nolte 3.
 Fourth German, Miss Nolte 6.

PHYSICS AND CHEMISTRY:

COLLEGE COURSES

- Mechanics and Sound (Mon. Wed. Fri.), Mr. Begeman 2.
 Laboratory Work in Mechanics (Mon. Wed.), Mr. Begeman 7 and 8.

- Heat and Light (Tues. Thurs. Fri.), Mr. Begeman 4.
 Advanced Course in Electricity and Magnetism (Mon. Wed.),
 Mr. Begeman 3-4-5.
 Chemistry I., Mr. Bond 4.
 Quantitative Analysis—Volumetric, Mr. Bond 1.
 Chemistry III., Mr. Getchell 3.

DIPLOMA COURSES

- Heat and Industrial Electricity (Mon. Wed. Fri.), Mr.
 Perrine 5.
 Laboratory Work in Heat and Industrial Electricity (Tues.
 Thurs.), Mr. Perrine 5 and 6.
 Chemistry XI. (Household), Mr. Getchell 7; Mr. Read 2-4.
 Chemistry XIII. (Food Analysis), Mr. Bond 5.

NORMAL COURSES

- First Physics, (Mon. Wed. Fri.), Mr. Perrine 3; Mr. Her-
 sey 1.
 First Physics (Tues. Thurs. Fri.), Mr. Hersey 2.
 First Physics Laboratory (Mon. Wed.), Mr. Perrine 7 and 8;
 Mr. Hersey 5 and 6.
 First Physics Laboratory (Tues. Thurs.), Mr. Hersey 3 and 4.
 Second Physics (Tues. Thurs. Fri.), Mr. Perrine 4
 Second Physics (Mon. Wed. Fri.), Mr. Hersey 3.
 Second Physics Laboratory (Tues. Thurs.), Mr. Perrine 7
 and 8; Mr. Hersey 5 and 6.

NATURAL SCIENCE:

COLLEGE COURSES

- Zoology III., Mr. Arey 1.
 Nature Study, Mr. Arey 3-5.
 Zoology Laboratory (Mon. Wed.), Mr. Arey 7 and 8.
 Physiology I., Mr. Newton 1-3-4.
 Astronomy, Mr. Cable 4.
 Agriculture III., Mr. Davis 1.
 Agriculture III. Laboratory, Mr. Davis 7 and 8.
 Conservation of Natural Resources, Miss Aitchison 1.
 Botany III., Mr. Palmer 2-3.
 Botany III. Laboratory, (Tues. Thurs.), Mr. Palmer 7 and 8.
 Geology II., Mr. Cable 2

DIPLOMA COURSES

Same as College Courses.

NORMAL COURSES

- Elementary Zoology, Mr. Arey 4.
 Physiology, Mr. Newton 2.
 Third Agriculture, Mr. Davis 2-3;2-3-4.
 Agriculture Laboratory, (Mon. Wed.), Mr. Davis 7 and 8.
 First half Geography, Miss Aitchison 2.
 Second half Geography, Miss Aitchison 3.
 Complete Geography, Miss Aitchison 4.
 Elementary Botany, Mr. Palmer 1.
 Elementary Physiography, Mr. Cable 1-5.

MANUAL TRAINING:

COLLEGE COURSES

- Organization and Economics of Manual Training (Mon. Wed. Fri.), Mr. Bailey 1.
 Woodwork, Advanced, Mr. Brown 3 and 4.
 Woodwork IV. (Mon. Wed. Fri.), Mr. Brown 7 and 8.
 Mechanical Drawing IX and XII. (Tues. Thurs.), Mr. Bailey 7 and 8.
 Mechanical Drawing X. and XI. (Mon. Wed. Fri.), Mr. Bailey 3 and 4.
 Wood Turning, Mr. Brown 3 and 4.
 Sheet Metal Work, Mr. Bailey 2.

DIPLOMA COURSES

Same as College Courses.

NORMAL COURSES

- Primary Handwork, Mrs. McMahon 1-4.
 Handwork for Rural Schools, Mrs. McMahon 2-5.
 Woodwork for Rural Schools, Mr. Brown 6.

ART:

COLLEGE COURSES

- History of Painting, Miss Thornton 4.
 Design, Miss Patt 1-5.
 Still Life, Miss Patt 3.
 Perspective, Miss Thornton 3.
 Water Color, Miss Thornton 1.
 Supervision in Art, Miss Thornton 2.

DIPLOMA COURSES

- Primary Drawing II., Miss Schuneman 1-2-3.

NORMAL COURSES

First Drawing, Miss Patt 2; Miss Schuneman 5.

HOME ECONOMICS:

COLLEGE COURSES

Elementary Food Theory III. (Mon. Wed.), Miss Young 1 and 2; Miss Goff 1 and 2; 5 and 6; Miss Stallman 3 and 4; 5 and 6.

Elementary Food Theory III., (Tues. Thurs.), Miss Goff 3 and 4.

DIPLOMA COURSES

Same as College Courses and Household Management (Tues. Thurs. Fri.), Miss Young **1-3-5.**

Third Sewing (Daily), 2, Miss Heinz.

Third Sewing (Mon. Wed) 3 and 4, (Fri.) 3, Miss Heinz, Miss Freer.

Third Sewing, (Mon. Wed.), 1 and 2, (Fri.), 2, Miss Freer.

Third Sewing (Mon. Wed.), 5 and 6, (Fri.), 5, Miss Heinz.

Third Sewing (Tues. Thurs.) 3 and 4, (Fri.) 4, Miss Heinz, Miss Freer.

Third Sewing (Tues. Thurs.), 5 and 6, (Fri.) 6, Miss Freer.

Demonstrations (Mon. Wed.), Miss Young 7 and 8.

Demonstrations (Tues. Thurs. Fri.), Miss Stallman 5 and 6; Miss Goff 5 and 6.

Demonstrations (Mon. Wed. Fri.), Miss Stallman 7 and 8.

NORMAL COURSES

First Sewing, Miss Hurd 1-2.

Second Sewing, Miss Hurd 4-6.

First Cooking and Household Management (Mon. Wed.), Miss Hurd 3 and 4; 5 and 6.

PUBLIC SCHOOL MUSIC:

COLLEGE COURSES

Music II, Mr. Fullerton 3.

History of Music I., (Tues. Fri.), Miss Childs 1.

Harmony I., (Mon. Wed. Thurs.), Miss Thomson 1.

DIPLOMA COURSES

- Same as College Courses and
 Methods (Lower grades), (Mon. Wed. Thurs.),3.
 Appreciation of Music (Mon. Wed. Thurs.), Miss Thomson 5.
 Supervision, (Mon. Wed. Fri.), Mr. Fullerton and Miss Stenwall 1.
 Conducting (Tues. Wed. Fri.), Mr. Fullerton 4.

NORMAL COURSES

- First term Music, Miss Stenwall 2-5.
 Second term Music, 1-4.

COMMERCIAL:

DIPLOMA COURSES

- Accounting II., Mr. Cummins 1.
 Commercial Law, Mr. Coffey 4.
 Second Typewriting, Mr. Coffey 1.
 Third Typewriting, Mr. Coffey 3.
 Second Shorthand, Mr. Coffey 5.
 Third Shorthand, Mr. Coffey 2.

NORMAL COURSES

- Elementary Bookkeeping, Mr. Cummins 2.
 First Penmanship, Mr. Cummins 3-5-6.
 Advanced Penmanship, Mr. Cummins 4.

PHYSICAL EDUCATION:

COLLEGE COURSES

- Playground Methods II., (Mon. Wed. Fri.), Mr. Seymour 6.
 Theory of Athletics I., (Tues. Thurs.), Mr. Seymour 6.

DIPLOMA COURSES

- Same as College Courses and
 Physiology of Exercise, Mr. Seymour 3.
 Medical Gymnastics and Massage (Mon. Wed. Fri.), Mr. Seymour 4.
 Physical Department Administration (Tues. Thurs.), Mr. Seymour 4.

PRACTICAL WORK

- First term Physical Training (Mon. Wed.), Miss Nisbet 6.
 Second term Physical Training (Mon. Wed.), Miss Wild 5.

- Third term Physical Training (Tues. Thurs.), Miss Hussey 3-6; Miss Nisbet 5-7.
- Third term Physical Training (Mon. Wed.), Miss Hussey 5; Miss Wild 4.
- Gymnastics, Miss Hussey 7.
- Tennis (Mon. Wed.), Mr. Berkstresser 5.
- Tennis (Tues. Thurs.), Mr. Berkstresser 5.
- Swimming (Tues. Thurs.), Miss Wild 4-5; Miss Nisbet 3.
- Swimming (Mon. Wed.), Miss Hussey 3; Miss Wild 6; Miss Nisbet 4-7.
- First Rhythm (Tues. Thurs.), Miss Wild 6.
- Second Rhythm (Mon. Wed.), Miss Wild 7.
- Folk Dancing (Tues. Thurs.), Miss Wild 7.
- Folk Dancing (Mon. Wed.), Miss Nisbet 3-5.
- Baseball (Mon. Wed.), Mr. Berkstresser 6.
- Baseball (Tues. Thurs.), Miss Nisbet 4-6; Mr. Berkstresser 6.
- Golf (Mon. Wed.), Mr. Seymour 5.
- Golf (Tues. Thurs.), Mr. Seymour 5.
- Corrective Work, Miss Hussey 4.
- Athletics, etc., Miss Hussey 8.
- Track Team, Mr. Seymour 7 and 8.
- Baseball team, Mr. Berkstresser 7 and 8.