

6-1911

Courses of Study and Program of Recitations, 1911-1912

Iowa State Teachers College

Let us know how access to this document benefits you

Copyright ©1911 Iowa State Teachers College

Follow this and additional works at: https://scholarworks.uni.edu/class_schedules



Part of the [Higher Education Commons](#)

Recommended Citation

Iowa State Teachers College, "Courses of Study and Program of Recitations, 1911-1912" (1911). *UNI Schedule of Classes*. 306.

https://scholarworks.uni.edu/class_schedules/306

This Book is brought to you for free and open access by UNI ScholarWorks. It has been accepted for inclusion in UNI Schedule of Classes by an authorized administrator of UNI ScholarWorks. For more information, please contact scholarworks@uni.edu.

Offensive Materials Statement: Materials located in UNI ScholarWorks come from a broad range of sources and time periods. Some of these materials may contain offensive stereotypes, ideas, visuals, or language.

BULLETIN

OF THE

IOWA STATE TEACHERS COLLEGE.

CEDAR FALLS, IOWA

COURSES OF STUDIES AND PROGRAM OF RECITATIONS

**For the School Year,
1911-1912**

**Vol. XII. No. 1.
JUNE, 1911**

**Issued Quarterly. Published by the State Teachers College. Entered
at the Postoffice at Cedar Falls, Iowa, as Second Class Matter**

Vol. XII.

JUNE, 1911

No. 1

BULLETIN

OF THE

IOWA STATE TEACHERS COLLEGE

CEDAR FALLS, IOWA

COURSES OF STUDY

AND

PROGRAM OF RECITATIONS

FOR SCHOOL YEAR 1911-1912.

NOTE: The spelling used in this Bulletin conforms to that authorized by the Simplified Spelling Board, and exhibits the little modifications that the shorthand new forms make in the appearance of the printed page.

CALENDAR FOR YEAR 1911-1912.

Fall term opens Tuesday, September 5, 1911.

Winter term opens Tuesday, December 5, 1911.

Spring term opens Tuesday, March 19, 1912.

Summer term opens Saturday, June 15, 1912.

IOWA STATE TEACHERS COLLEGE

CEDAR FALLS, IOWA

STATE BOARD OF EDUCATION

OFFICERS OF THE BOARD

James H. Trewin, Cedar Rapids, President.

D. A. Emery, Des Moines, Secretary.

MEMBERS OF THE BOARD

P. K. Holbrook, Onawa.
C. R. Brenton, Dallas Center. } Term expires July 1, 1913.
D. D. Murphy, Elkader.

James H. Trewin, Cedar Rapids.
Roger Leavitt, Cedar Falls. } Term expires July 1, 1915.
E. P. Schoentgen, Council Bluffs.

A. B. Funk, Spirit Lake.
George T. Baker, Davenport. } Term expires July 1, 1917.
T. D. Foster, Ottumwa.

FINANCE COMMITTEE

Offis, Des Moines.

W. R. Boyd, Cedar Rapids, Chairman.

D. A. Emery, Des Moines, Secretary.

Thomas Lambert, Sabula.

FACULTY COMMITTEE

James H. Trewin, A. B. Funk, D. D. Murphy.

BILDING COMMITTEE

P. K. Holbrook, E. P. Schoentgen, George T. Baker.

BUSINESS COMMITTEE

T. D. Foster, C. R. Brenton, Roger Leavitt.

INSPECTOR OF HIGH SCHOOLS

Forest C. Ensign, M. Di., 1895, I. S. T. C; Ph. B., 1897; M.
A., 1900, Iowa, Iowa City.

IOWA STATE TEACHERS COLLEGE

FACULTY—COLLEGE YEAR, 1911—1912.

Note— Each department is arranged as to seniority of entering the faculty, excepting the Hed Professor.

HOMER H. SEERLEY, B. Ph., 1873; B. Di., 1875; M. A., 1876, Iowa; LL. D., 1898, Penn; LL. D., 1901, Iowa. President, 1886.

CLASSIFICATION AS TO DEPARTMENTS.

PROFESSIONAL INSTRUCTION IN EDUCATION.

CHAUNCEY P. COLGROVE, B. A., 1881; M. A., 1884; D. Sc., 1908, Upper Iowa; M. A., 1896, Chicago. Professor and Hed of the Department, Acting President in case of the absence or disability of the President, 1896.

ANNA E. MCGOVERN, B. Di., 1879; B. S., 1880, I. S. T. C. Professor of Primary Instruction, 1880.

HOMER H. SEERLEY, B. Ph., 1873; B. Di., 1875; M. A., 1876, Iowa; LL. D., 1898, Penn; LL. D., 1901, Iowa. Professor, 1886.

GEORGE W. SAMSON, B. S., 1878; M. S., 1881, Simpson. Professor of Psychology, 1894.

G. W. WALTERS, B. S., 1879; M. S., 1882, Iowa Wesleyan. Professor of History of Education, Philosophy of Education, 1895.

EDITH C. BUCK, B. A., 1882; M. A., 1885, Grinnell College. Professor of Elementary Instruction, 1896.

GEORGE S. DICK, B. Di., 1887; B. S., 1888, I. S. T. C.; B. Ph., 1897, Cornell College. Professor, 1906. Registrar and Examiner, 1911.

GEORGE H. MOUNT, B. A., 1903, Parsons; M. Di., 1905, I. S. T. C.; M. A., 1908; Ph. D., 1910, Iowa. Professor, 1911.

TRAINING IN TEACHING.

WILBUR H. BENDER, B. Di., 1886; M. Di., 1890, I. S. T. C.;

B. Ph., 1895, Iowa. Director of the Department, Supervisor of Training, 1897.

BRUCE FRANCIS, M. Di., 1891, I. S. T. C.; Ph. B., 1896, Iowa. Assistant Director, 1911.

FLORENCE E. WARD, Graduate Chicago Kindergarten College, 1903. Supervisor of Kindergarten Training, 1906.

MATTIE LOUISE HATCHER, Ph. B., Ed. B., 1909, Chicago. Supervisor of Primary Training, 1909.

Critic Teachers—

ELIZABETH HUGHES, B. Ph., 1886, Eastern Iowa Normal School; M. Di., 1889; B. A., 1908, I. S. T. C. Geography and History, Grammar and Secondary Grades, 1898.

IDA FESENBECK, B. Di., 1893; M. Di., 1894, I. S. T. C.; B. A., 1900, Iowa; Student Radcliffe College (Harvard), 1900—01. Reading, Literature and German, Grammar and Secondary Grades, 1901.

EVA LUSE, B. Di., 1901; M. Di., 1904, I. S. T. C.; B. A., 1906; M. A., 1910, Iowa. Language, Composition and Latin, Grammar and Secondary Grades, 1906.

MAE CRESSWELL, B. Di., 1902; B. A., 1908, I. S. T. C. Mathematics and Science, Grammar and Secondary Grades, 1908.

RUTH E. DOWDELL, Graduate Chicago Kindergarten College, 1908. Kindergarten, 1909.

ALICE GORDON, B. Di., 1906; M. Di., 1908, I. S. T. C. Primary Grades, 1906.

GERTRUDE DANDLIKER, Graduate Normal Department, Art Institute of Chicago, 1906. Drawing and Manual Training, 1909.

FLOE E. CORRELL, B. Di., 1904; M. Di., 1905, I. S. T. C.; B. A., 1909, Iowa. Preliminary Year, 1909.

AMY E. WEARNE, Graduate Stout Training School. Home Economics, 1911.

LULU M. STEVENS, Graduate Chicago Conservatory of Music. Music, 1911.

Critic Teachers in Training—

EMMA GAMBLE, Primary Teacher Diploma, 1910, I. S. T. C. Primary Grades, 1910.

EVA FALLGATTER, Primary Teacher Diploma, 1911, I. S. T. C. Primary Grades, 1910.

- ALICE GRIER, B. Di., 1910, I. S. T. C. Grammar Grades, 1910.
- KATHERINE NENNO, B. Di., 1910, I. S. T. C. Grammar Grades, 1910.
- GLEE MAECK, B. Di., 1909; M. Di., 1910, I. S. T. C. Grammar Grades, 1910—1911.
- HANNAH GOSTRUP, B. Di., 1910, I. S. T. C. Grammar Grades, Fall Term, 1910.
- MARY BARNUM. Grammar Grades, 1910.
- GRACE McINTOSH, B. Di., 1907, I. S. T. C. Grammar Grades, November 30, 1910.
- *CHRISTINE THOENE, B. Di., 1902; M. Di., 1910, I. S. T. C. Grammar Grades, 1909.
- GRACE AITCHISON, M. Di., 1909, I. S. T. C. Grammar Grades, 1911.
- MARGUERITE CADWALLADER, M. Di., 1911, I. S. T. C. Grammar Grades, 1911.

ENGLISH.

- SAMUEL A. LYNCH, B. L., 1892; B. P., 1892, Missouri; M. A., 1900, Chicago. Professor and Hed of the Department, 1909.
Professors—
- W. W. GIST, B. A., 1872; M. A., 1875; D. D., 1893, Ohio. Professor of English Language, 1900.
- BERTHA MARTIN, Graduate Columbia College of Expression. Professor of Elocution and Dramatic Art, 1905.
- JENNETTE CARPENTER, B. A., 1885; M. A., 1888, Cornell College. Graduate Student University of Chicago, 1893-94; Harvard Summer School, 1902-03; University of Berlin, 1910-11. Professor of Rhetoric and Literature, 1899.
- LILLIAN V. LAMBERT, S. B., 1889; A. M., 1899, Penn College; Ph. B., 1895; Ph. M., 1906, Chicago; Graduate Work at Oxford, England, 1905; Graduate Work in English, Bryn Mawr, 1906-07. Professor of Rhetoric and Literature, 1907.
- JOHN BARNES, A. B., 1904; A. M., 1905, Northwestern University; Graduate Cumnock School of Oratory, 1905. Professor of Public Speaking, 1910.
Assistant Professors—
- EVA L. GREGG, B. A., 1910, I. S. T. C. English Grammar, 1895.
**Resignd, June 6, 1911.*

MARGARET E. OLIVER, B. A., 1885; M. A., 1888, Monmouth College; Graduate Columbia College of Expression, 1901. Orthography and English Classics, 1901.

MARY F. HEARST, B. Di., 1883; M. Di., 1892, I. S. T. C.; B. Ph., 1899; M. A., 1904, Iowa. English Grammar and English Classics, 1899.

LAURA FALKLER, Graduate Kansas City School of Oratory, 1895. Elocution, 1896.

Instructors—

MABEL J. LODGE, A. B., 1908, Chicago. English Composition and Rhetoric, 1909.

CLARA H. BAKER, B. A., 1900, Cornell College; M. A., 1910, Iowa. Substitute Instructor, Fall Term, 1910.

MRS. THEODORA C. B. DEAN, Graduate Columbia College of Expression, 1895. Elocution, Winter Term, 1910-11.

MARGARET WEIRICK, Ph. B., 1910, Chicago. Substitute Instructor, Winter and Spring Terms, 1910-11.

LATIN AND GREEK.

FRANK IVAN MERCHANT, A. B., 1880, Shurtleff College; M. A., Ph. D., 1890, University of Berlin. Hed of the Department and Professor of Latin, 1907.

MYRA E. CALL, B. A., 1885; M. A., 1888, Iowa. Professor of Greek and Secondary Latin, 1895.

GERMAN AND FRENCH.

JOHN B. KNOEPFLER, Hed of Department and Professor, 1900.

CHARLOTTE M. LORENZ, B. A., 1902; M. A., 1904, Iowa. Instructor in German, 1908.

MATHEMATICS.

IRA S. CONDIT, B. A., 1886; M. A., 1889, Parsons College; Graduate Student, University of Chicago, Summer Sessions, 1906, 1908 and 1909. Hed of the Department and Professor, 1898.

D. SANDS WRIGHT, M. A., 1887, Penn College. Professor, 1876.

CHARLES S. CORY, M. Di., I. S. T. C., 1900; B. S., 1902, Iowa. Professor, 1907. Examiner of High School Records, 1909-11.
Assistant Professors—

***LAURA S. SEALS**, B. S. D., Kirksville State Normal School, Missouri. 1898.

EMMA F. LAMBERT, B. Di., 1896; M. Di., 1897, I. S. T. C.;
B. Ph., 1904, Iowa. 1901.

CHEMISTRY.

*ABBOTT C. PAGE, B. Ph., 1885, Yale. Hed of Department and
Professor, 1889.

PERRY A. BOND, M. S., Iowa. Assistant Professor, 1911.

ROBERT W. GETCHELL, B. A., I. S. T. C., 1911. Instructor,
1909.

GEORGE W. MUHLEMAN, B. S., 1899, Northwestern. Substi-
tute Instructor, Winter and Spring Terms, 1910-11.

PHYSICS.

LOUIS BEGEMAN, B. S., 1889; M. S., 1897, Michigan; Ph. D.,
1910, University of Chicago. Professor and Hed of the De-
partment, 1899.

S. FREEMAN HERSEY, B. Ph., 1892, Beloit College. Professor,
1899.

WILLIAM H. KADESCH, B. S., 1906, Ohio Wesleyan; Ph. M.,
1910, Chicago. Assistant Professor, 1910.

NATURAL SCIENCE.

MELVIN F. AREY, B. A., 1867; M. A., 1870, Bowdoin. Hed of
the Department and Professor of Structural Botany, Mineral-
ogy and Zoology, and Curator of the Museum of Natural His-
tory, 1890.

GEORGE W. NEWTON, B. Di., 1882, I. S. T. C.; B. A., 1887;
M. A., 1890, Iowa; Graduate Student, Harvard, 1891. Pro-
fessor of Biology, Physiology, Botany and Sanitation, 1896.

EMMETT J. CABLE, B. S., 1900; M. S., 1903, Cornell College;
Graduate Student, University of Chicago, 1904. Professor of
Geology and Geography, 1905.

ALISON E. AITCHISON, M. Di., 1903, I. S. T. C.; B. S., 1907,
Iowa. Assistant Professor of Geography, 1903.

HISTORY.

SARA M. RIGGS, B. Di., 1885, I. S. T. C.; B. L., 1894, Michigan.
Assistant in English, 1887-1891. Professor, 1895.

SARA F. RICE, M. A., 1890, Coe College. Professor, 1898.

**Granted leave of absence for the year.*

GOVERNMENT.

CHARLES H. MEYERHOLZ, M. Di., 1898, I. S. T. C.; Ph. B., 1902; M. A., 1903, Iowa; A. M., 1905, Harvard; Ph. D., 1907, Leipsig. Professor, 1908.

HENRY J. PETERSON, A. B., 1905, St. Olaf College; M. A., 1907, Iowa. Graduate Student University of Chicago, 1909-10. Instructor, 1910.

ECONOMICS.

REUBEN MCKITRICK, Graduate, State Normal School, Alva, Oklahoma, 1903; A. B., 1907, University of Oklahoma; Graduate Student, State University of Wisconsin, 1907-10. Professor, 1910.

ART.

HENRIETTA THORNTON, Student, Art Institute, Chicago; Academy of Fine Arts, Cincinnati; Pupil of George Smillie and Miss H. Revere Johnson, New York; Graduate Normal Art Course of Pratt Institute, 1892. Professor, 1895.

BERTHA L. PATT, Cummings School of Art, Des Moines; Art Students' League; Pupil of Charles W. Hawthorne, New York. Professor, 1895.

EFFIE SCHUNEMAN, Student, Pratt Institute. Instructor, 1911.

COMMERCIAL EDUCATION.

HARRY C. CUMMINS, Graduate Valder Business College, 1891; B. Di., 1898, I. S. T. C. Professor of Penmanship and Bookkeeping, 1898.

ROY V. COFFEY, Graduate, Michigan University. Instructor in Stenography and Typewriting, 1911.

MUSIC.

C. A. FULLERTON, B. Di., 1889; M. Di., 1890, I. S. T. C.; Student, University of Chicago, 1896-1897. Acting Director of the Department and Hed Professor of Public School Music and Director of Choral Society and of Glee Clubs, 1897.

*FRANCES M. DICKEY, B. Di., 1901, I. S. T. C.; Student, Teachers College (Columbia) 1909-10. Assistant Professor of Vocal Music, 1907.

**Resignd, July, 1911.*

- HULDA STENWALL, Student, Oberlin Conservatory, 1902-1904. Assistant Professor of Vocal Music, 1908.
- *ROBERT FULLERTON, B. Di., 1894, M. Di., 1895, I. S. T. C.; Student, Oberlin Conservatory, 1897-1899; Pupil of James Sauvage, New York City, 1899, Albin Reed, Boston, 1900; Student, The New School of Vocal Science, Chicago, 1906-1908; Pupil of John Dennis Mehan, New York City, Vacations of 1908 and 1909. Instructor in Public School Music, 1894-96; 1902-05. Hed Professor of Voice, 1908.
- ANNA GERTRUDE CHILDS, B. A., 1889; M. A., 1892, Grinnell College; Pupil of George Henschel, William Shakespeare, and George Ferguson. Professor of Voice and History of Music, 1901.
- JOHN ROSS FRAMPTON, B. A., 1901; Mus. Bac., 1904; M. A., 1906, Oberlin; Colleg American Guild of Organists, 1909. Hed Professor of Organ and Piano and Instructor in Harmony, 1908.
- LOWELL E. M. WELLES, Student, Oberlin Conservatory, Substitute Instructor of Voice, 1911-1912.
- ELIZABETH F. BURNEY, Teacher of Public School Music Diploma, 1909, I. S. T. C. Instructor in Voice, 1909-11.
- KATE KENNY, Mus. Bac., 1909, Oberlin. Instructor on Piano, 1910-1911.
- W. E. HAYS, Instructor in Public School Music, 1909-1911.
- GLEE MAECK, B. Di., 1909; M. Di., 1910, I. S. T. C. Instructor in Piano, 1911.

VIOLIN AND OTHER ORCHESTRAL INSTRUMENTS.

- WINFRED MERRILL, Berlin: Violin, Professor Dr. Joseph Joachim and Professor Andreas Moser; Theory, Bernhard Ziehn. Professor, 1903.
- ADOLPH KRAMER, Instructor.

PHYSICAL EDUCATION.

- R. F. SEYMOUR, B. P. E., 1907, Y. M. C. A. Training School, Springfield, Mass. Hed of the Department and Physical Director, 1906.
- JAMES OWEN PERRINE, B. A., 1909, Iowa. Instructor, January, 1911, to June, 1911.

**Granted leave of absence for the year.*

MARGUERITE M. HUSSEY, Graduate Boston Normal School of Gymnastics, 1908. Assistant Physical Director, 1910.

HUMBERT F. PASINI, B. P. E., 1911, Y. M. C. A. Training School, Springfield, Mass. Instructor, 1911.

HELEN RUTH HALLINGBY, Director of Physical Training Diploma, 1909, I. S. T. C. Instructor, 1910.

MARY EVELYN SAMSON, A. B., 1909, Simpson College; Physical Training Director Diploma, 1910, I. S. T. C. Floor Instructor, 1910.

A. G. REID, Substitute Instructor, Fall Term, 1910.

*CLAYTON B. SIMMONS, B. A., 1904, Colgate; Director of Physical Training Diploma, 1907, I. S. T. C. Physical Director and Professor, 1906.

**Resignd, September 15, 1910.*

MANUAL ARTS.

CHARLES H. BAILEY, B. S. in C. E., 1895, Iowa; Manual Training Diploma, 1903, Teachers College (Columbia); B. S., 1903, Columbia. Head of the Department and Professor, 1905.

MRS. ALMA L. McMAHON, Graduate, Oshkosh, Wisconsin, Normal School, 1886; B. Ph., 1902, Wisconsin; Domestic Science Teacher Diploma, 1904, Stout Institute. Instructor, 1904.

CLARK H. BROWN, Director of Manual Training Diploma, 1908, I. S. T. C. Instructor, 1906.

HOME ECONOMICS.

MARY L. TOWNSEND, M. Di., 1899, I. S. T. C.; B. A., Wellesley College, 1896; Graduate Domestic Science Course, Drexel Institute, 1901. Professor, 1907.

ALICE MARGARET HEINZ, Teacher of Domestic Science Diploma, 1909, I. S. T. C. Instructor, 1910.

STUDENT ASSISTANTS, 1910-1911.

HELEN KATZ, B. Di., 1909, I. S. T. C. Violin, Fall Term.

BRUCE B. LYBARGER, Violin.

HENRY C. BEINKE, Violin, Winter and Spring Terms.

BRIAN C. CONDIT, Violin.

E. LAURA MUHS, Piano.

MARGUERITE BENNETT, Piano.

MYRTLE ARNOLD, Chemistry, Fall Term.

RALPH DIEHL, Chemistry Laboratory, Fall Term.

FRED VORHIES, Physics Laboratory, Winter and Spring Terms.
 ALIDA CHASE, Drawing, Winter and Spring Terms.
 PLEATUS BURGESS, Drawing, Winter and Spring Terms.
 MAYME STRASSER, Penmanship, Winter and Spring Terms.

OTHER OFFICERS OF ADMINISTRATION.

JAMES E. ROBINSON, Superintendent of Construction and of Buildings and Grounds, 1901.
 MRS. MARION McFARLAND WALKER, B. L., Ferry Hall, Lake Forest, 1880; Professor of Applied English, I. S. T. C., 1890-97; Substitute Instructor in English, 1907-08. Dean of Women, 1908. Lecturer on Social Ethics and Faculty Visitor.
 LILIAN G. GOODWIN, Secretary of the College, 1909.
 GEORGE S. DICK, B. Di., 1897, B. S., 1888, I. S. T. C.; B. Ph., 1897, Cornell. Registrar and Examiner, 1911.
 MRS. ANNIE M. POTTER, Matron of Hospital and Head Nurse, 1909.

LIBRARY.

*ELLEN D. BISCOE, Graduate New York State Library School, 1896. Librarian, 1907.
 MARY DUNHAM, B. A., 1898, Indiana. Librarian, January, 1911.
 ETHEL L. AREY, B. Di., 1893; M. Di., 1895, I. S. T. C. Loan Desk Attendant, 1896.
 MATTIE FARGO, B. L. S., 1906, Illinois State Library School. Cataloger and Shelf-lister, 1906.
 IVA M. HUNTLEY, M. Di., 1907, I. S. T. C. Assistant Cataloger and Accession Clerk, 1907.
 **MABEL E. MASTAIN, M. Di., 1908, I. S. T. C. Assistant, 1908.
 RACHEL HAIGHT, Graduate Drexel Institute, 1911. Reference Assistant, May, 1911.
 BERTHA L. SHARP, Student, University of Illinois Library School. Assistant, 1911.

PRESIDENT'S OFFICE.

ANNA R. WILD, Secretary, 1896.
 LILIAN G. GOODWIN, Secretary, 1898.

**Resignd, November 9, 1910.*

***Resignd, October 8, 1910.*

MILLCENT WARRINER, Stenograher, 1900.
L. BEATRICE WILBUR, Record Clerk, 1906.
EVELYN V. MORTON, Stenographer, 1910.
HAZEL E. BROWN, Stenographer, 1910.
EMMA DEINES, Clerk, 1910.

FACULTY COMMITTEES, 1911-1912.

I.—Examining Committees.—Opening Days of Terms.

1. *High School Graduate Examiner*—C. S. Cory.
2. *Teachers' Certificate Examiner*—H. H. Seerley, Anna R. Wild.
3. *Unclassified Student Examiner*—G. S. Dick.

II.—Executiv Committees.

1. *Reclassification of and Advisor of College Course Students*—Hed of the Department with which the major is taken.
2. *Reclassification and Advisor of all other Students*—The President and The Registrar.
3. *Literary Societies*—The English Department.
4. *Oratorical Association Representatives, Appointed by the Associations*—John Barnes, S. A. Lynch, Bertha Martin, Ira S. Condit.
5. *Debating Leag Representatives, Appointed by the Leag*—John Barnes, S. A. Lynch, Reuben McKitrick, Charles H. Meyerholz.
6. *Athletic Board*—C. H. Bailey, C. S. Cory, E. J. Cable, Charles H. Meyerholz, R. F. Seymoud, Humbert F. Pasini, and Student Representatives appointed by the men students.
7. *College Graduate Courses*—C. P. Colgrove.
8. *Lecture Course*—Charles H. Meyerholz, Frank Ivan Merchant, Louis Begeman.
9. *Musical Festival*—S. A. Lynch, George S. Dick, Reuben McKitrick, Lillian V. Lambert, Myra E. Call, C. A. Fullerton, John Ross Frampton, B. W. Merrill, Anna Gertrude Childs.
10. *Disciplin and Work of Students in Teams of all Kinds*—H. H. Seerley, R. F. Seymour, S. A. Lynch, Ira S. Condit, Sara M. Riggs, G. W. Samson, S. F. Hersey.
11. *Credits Accepted from Other Educational Institutions*—D. S. Wright, G. W. Newton, W. W. Gist, Louis Begeman, Sara F. Rice, Myra E. Call, G. W. Walters.
12. *Viseing Committee on Scheduling of Students*—G. W. Walters, G. W. Newton, Sara F. Rice.

13. *Golf House and Grounds*—J. B. Knoepfler, C. S. Cory, A. C. Page.
14. *Museum*—M. F. Arey, G. W. Newton, G. W. Walters.

III.—General Committees.

1. *Committee on Students applying for College work when they have entrance deficiencies*—Ira S. Condit, W. W. Gist, Sara F. Rice, Louis Begeman, E. J. Cable.
2. *Advisory Committee to College Examiner on Students coming from non-accredited high schools*—J. B. Knoepfler, Frank Ivan Merchant, Henrietta Thornton, Sara M. Riggs, Charles S. Cory.
3. *Advisory Committee to Dean of Women*—Sara F. Rice, Lillian V. Lambert, Bertha L. Patt, George S. Dick, Ira S. Condit.
4. *Hospital Committee*—Dean of Women, Matron and Head Nurse, Secretary of the College.

IOWA STATE TEACHERS COLLEGE

THE COURSE OF STUDY

REQUIREMENTS FOR ADMISSION.

Applicants for unconditional admission to the College Course, hereafter printed in detail, must be at least sixteen years of age and must present satisfactory records from accredited secondary schools showing a total of fifteen units of work in accordance with the standards approved by the Iowa State Board of Education, as fully set out in detail in Bulletin No. 1 of the Board on Secondary School Relations. The term unit as here used signifies a year's work where the class hours are forty-five minutes, the number of class hours per week being not less than five.

I. CONSTANTS.

<i>Groups of Subjects—</i>	<i>Units</i>
1. One Foren Language	2
2. English	3
3. Algebra	1½
4. Plane Geometry	1
5. History	1
6. Electivs	6½
Total	15

II. ELECTIVS.

In selecting the units that are known as electivs in the above requirement, the total that may be accepted for any one group always includes those units required for constants. The maximum number of units that may be offerd on certificate from an accredited high school are as follows:

<i>Groups of Subjects—</i>	<i>Units</i>
1. Foren Language—	4
(1) Greek	2 to 4
(2) Latin	2 to 4
(3) French	2 to 4
(4) Spanish	2 to 4
(5) German	2 to 4
2. English	4

3.	History, Civics and Economics		4
(1)	Ancient History	$\frac{1}{2}$ to 1	
(2)	Medieval and Modern History	$\frac{1}{2}$ to 1	
(3)	Civil Government	$\frac{1}{2}$ to 1	
(4)	Economics	$\frac{1}{2}$	
(5)	General History in place of (1) and (2)	1	
(6)	U. S. History— 3rd and 4th years	$\frac{1}{2}$ to 1	
(7)	English History	$\frac{1}{2}$ to 1	
4.	Mathematics		4
(1)	Solid Geometry	$\frac{1}{2}$	
(2)	Plane Trigonometry	$\frac{1}{2}$	
(3)	Advanced Algebra	$\frac{1}{2}$	
5.	Science		4 $\frac{1}{2}$
	Physics	1	
	Chemistry	1	
	Physiography	$\frac{1}{2}$ to 1	
	Botany	$\frac{1}{2}$ to 1	
	Zoology	$\frac{1}{2}$ to 1	
	Physiology	$\frac{1}{2}$	
	Geology	$\frac{1}{2}$	
	Astronomy	$\frac{1}{2}$	
	Agriculture	$\frac{1}{2}$ to 1	
6.	Commercial Subjects		2
	Adv. Arithmetic (after Algebra)	$\frac{1}{2}$	
	Bookkeeping	$\frac{1}{2}$ to 1	
	Commercial Geography	$\frac{1}{2}$	
	Commercial Law	$\frac{1}{2}$	
	Industrial History	$\frac{1}{2}$	
7.	Industrial Subjects		2
	Freehand and Mechanical Drawing	$\frac{1}{2}$ to 1	
	Manual Training—i. e. Shop Work	$\frac{1}{2}$ to 2	
	Domestic Science	$\frac{1}{2}$ to 1	
	Stenography	$\frac{1}{2}$ to 1	

Credit is not given for English grammar or United States history unless taken in the latter part of the course, nor for arithmetic unless taken after algebra.

OUTLINE OF THE COLLEGE COURSE GIVING DISTRIBUTION OF WORK AND DIRECTIONS CONCERNING THE OPPORTUNITIES OFFERED.

THE COLLEGE COURSE.

Degree: Bachelor of Arts in Education.

First Grade State Certificate Standard.

FRESHMAN YEAR.

A	B	C
1. Electiv.	1. Electiv.	1. Electiv.
2. Electiv.	2. Electiv.	2. Electiv.
3. Rhetoric.	3. Education I.	3. Education II.

SOPHOMORE YEAR.

A	B	C
1. Electiv.	1. Electiv.	1. Electiv.
2. Electiv.	2. Electiv.	2. Electiv.
3. Education III.	3. Education IV.	3. Electiv.

JUNIOR YEAR.

A	B	C
1. Electiv.	1. Electiv.	1. Electiv.
2. Electiv.	2. Electiv.	2. Electiv.
3. Electiv.	3. Education V.	3. Education VI. or VII.

SENIOR YEAR.

A	B	C
1. Electiv.	1. Electiv.	1. Electiv.
2. Electiv.	2. Electiv.	2. Electiv.
3. Prac. Teaching.	3. Prac. Teaching.	3. Electiv.

Majors.—It is necessary for the student who takes the College Course to select one major study with some one department at the close of the Freshman year. A major consists of at least two full years of work, thus covering six term credits. After the major is decided the student is under the direction of the department in which the major belongs, and the Hed of the Department becomes his adviser during the rest of his course. The different majors that are offerd are in the following lines.

1. English and Public Speaking.
2. Mathematics.

3. Mathematics and Physics.
4. History, Government, and Economics.
5. Latin.
6. German.
7. Greek.
8. Physical Science.
9. Natural Science.
10. General Science.
11. Home Economics.
12. Drawing.
13. Physical Education.
14. Manual Training.
15. Any other arrangement approved by the Faculty.

DISTRIBUTION OF CREDITS IN THE COLLEGE COURSE.

The following outline gives the distribution of studies that is required for graduation from the college course, each credit being 12 weeks of 5 lessons a week.

I. <i>English Courses</i>	Number of Credits
1. English	12
2. Foren Language	3
3. History, Government and Economics	3
4. Science and Mathematics	3
5. Professional	8
6. Electiv	7

Total	36
-------	----

7. Other work required.

(a) Vocal Music—one term.

(b) Electiv Work from Home Economics, Drawing,

Commercial Studies or Manual Training—two terms.

(c) Physical Training—two years.

(d) Literary Society Work—four years.

II. *Foren Language Courses*

1. Foren Language	12
2. English	3
3. History, Government and Economics	3
4. Science and Mathematics	3
5. Professional	8
6. Electiv	7

Total	36
-------	----

7. Same as in English Courses.

III. *History, Government and Economics Courses.*

1. History, Government and Economics	12
2. English	3
3. Science and Mathematics	3
4. Foren Language	3
5. Professional	8
6. Electiv	7

Total

36

7. Same as in English Courses.

IV. *Science and Mathematics Courses.*

1. Science and Mathematics	15
2. English	3
3. Foren Language	3
4. History, Government and Economics	3
5. Professional	8
6. Electiv	4

Total

36

7. Same as in English Courses

V. *Home Economics, Drawing, Physical Education and Manual Training Courses.*

1. Home Economics, etc.	9
2. English	3
3. Foren Language	3
4. History, Government and Economics	3
5. Science and Mathematics	6
6. Professional	8
7. Electiv	7

Total

39

8. Other work required.

(a) Vocal Music—one term.

(b) Physical Training—two years.

(c) Literary Society Work—four years.

OTHER PRIVILEGES ALLOWD IN ALL COURSES.

In addition to the required work necessary for graduation from the College Course as above specified, students are allowd to pursue work in vocal music, instrumental music, drawing, manual training, sewing, cooking, penmanship or other art subjects, provided not more than a total of four hours of work a day are thus scheduled.

These subjects are of such importance in public school work that this liberal plan has been adopted, it being recognized that a knowledge of these subjects greatly increases the opportunities of a teacher both as to location and as to superior salary.

DEPARTMENT SUBJECTS IN THE COLLEGE COURSE.

This tabular arrangement gives the entire program of studies with the nomenclature adopted by the Faculty for the College Course.

The numbers by which the courses in the different departments are to be designated are given below:

Professional.

Required Work—

- I. First Term Psychology.
- II. Second Term Psychology.
- III. School Management.
- IV. History of Education.
- V. Philosophy of Education.
- VI. American Education, or VII. Experimental Psychology.
- XI.—XII. Practis Teaching.

Electiv Courses—

- VIII. School Supervision.
- IX. Educational Classics.
- X. Lecture Course on Genetic, Social and Sex Psychology, 3 hours, $\frac{1}{2}$ credit.
- XIII. Practis Teaching.

English.

(a) Language and Literature—

- I. Rhetoric.
- II. English Literature.
- III. Shakespeare.
- IV. Epic Poetry in English.
- V. The English Romantic Movement.
- VI. The Development of the English Drama.
- VII. The History of the English Language and Anglo Saxon.
- VIII. Anglo Saxon and Middle English.
- IX. Literary Criticism.

- X. The Development of the English Novel.
- XI. English of the Nineteenth Century.
- XII. Theme Writing and Story Telling.
- XIII. Teaching English.
- XIV. American Literature.

(b) Elocution and Public Speaking—

- XV. Elocution I.
- XVI. Elocution II.
- XVII. Applied Drama.
- XVIII.—XIX.—XX. Repertoire I., II., III.
- XXI. Principles of Expression.
- XXII. Public Speaking I.
- XXIII. Public Speaking II.
- XXIV. Argumentation.

Latin and Greek.

Latin—

- I. Cicero, Cato Major.
- II. Livy.
- III. Horace, Epodes and Odes.
- IV.—V.—VI. Latin Composition.
- VII.—VIII.—IX. Roman Literature.
- X.—XI.—XII. Historical Latin Grammar.
- XIII.—XIV.—XV. Senior Electiv.
- XVI.—XVII.—XVIII. Elementary Latin for High School Graduates.

Note. Only Courses I.—XV. can be counted as part of a Latin Major.

Greek—

- I.—II. Lessons.
- III.—IV.—V. Anabasis.
- VI. Plato.
- VII.—VIII.—IX. Homer.

German and French.

German—

- I.—II. Lessons—Grammar.
- III. Immensee and Hoeher als die Kirche.
- IV. Die Journalisten.
- V. Wilhelm Tell.
- VI. German Prose Composition.

- VII. Emilia Galotti and Lyrics and Ballads.
- VIII. Nathan der Weise.
- IX. Iphigenie auf Tauris and Die Braut von Messina.
- X. German Language and Literature.
- XI. Modern German Prose and Scientific German.
- XII. One or more German Classics, with composition and conversation thruout the year.

French—

- I. Lessons—Grammar and Pronunciation.
- II. Lessons, with reading easy French.
- III. L'Abbe Constantin, Le Voyage de Monsieur Perichon.
- IV.—V.—VI. Novels, stories, dramas, with dictation exercises, composition and spoken French. The reading will be selected from such texts as Hugo's Les Miserables, Feuillet's Jeune Homme Pauvre, Souvestre's Un Philosophe sous les Toits, Sand's La Mare au Diable, Augier's Le Gendre de M. Poirier, Loti's Pecheur d'Islande, Moliere's comedies, and Erckmann-Chatrrian's historical novels.

Mathematics.

- I. Solid Geometry.
- II. College Algebra.
- III. Plane Trigonometry.
- IV. Spherical Trigonometry and Surveying.
- V. History and Teaching of Mathematics.
- VI. Analytical Geometry.
- VII. Differential Calculus.
- VIII. Integral Calculus.

Chemistry.

- I. II. General Inorganic.
- III. IV. Qualitativ Analysis.
- V. VI. Quantitativ Analysis.
- VII. Special Methods in Quantitativ Analysis.
- VIII. IX. Household Chemistry.
- X. Food Analysis.

Physics.

- I. Mechanics of Solids and Fluids.
- II. Sound and Light.
- III. Heat, Electricity, and Magnetism.

- IV. Teachers' Special Course.
- V. Adv. Laboratory Work in General Physics.
- VI. Adv. Laboratory Work in Electricity.

Natural Science.

- I. Physiology I.
- II. Botany I.
- III. Hygiene and Sanitation.
- IV.—V. Zoology I. and II.
- VI. Physiography I.
- VII.—VIII. Geology I. and II.
- IX. Mineralogy.
- X. Astronomy.
- XI. Commercial Geography of North America.
- XII. Commercial Geography of Europe.
- XIII. Influences of Geography upon American History.

Major—

- Zoology I.
- Physiography I.
- Geology I.
- Physiology I.
- Botany I.
- Hygiene and Sanitation.

History.

- I. American History.
- II. English History.
- III. Greek History.
- IV. Roman History.
- V. Medieval History.
- VI. Modern History, 16th—17th Centuries.
- VII. Eighteenth Century History.
- VIII. Nineteenth Century History.
- IX. Method History or Teachers' History.

Government.

- I. American Government.
- II.—III. American Constitutional History.
- IV. English Government.
- V. Modern European Governments.
- VI. International Law.
- VII. Constitutional Law.
- VIII. English Constitutional History.

Economics.

- I. General Economics.
- II. Economic and Social Problems.
- III. American Industrial History.
- IV. English Industrial History.
- V. Money and Banking.
- VI. Industrial Corporations.

Drawing.

- | | |
|--|---------------------------|
| * I.—II. Cast drawing | $\frac{1}{2}$ credit each |
| III. History of Architecture | 1 " |
| IV. History of Painting | 1 " |
| * V. Perspectiv | $\frac{1}{2}$ " |
| * VI. Still-life | $\frac{1}{2}$ " |
| * VII—VIII. Water color | $\frac{1}{2}$ " each |
| * IX. Design | $\frac{1}{2}$ " |
| * Manual Training, Physical Education or Home Economics. | 3 credits |

Manual Training.

- I—II. Manual Training Methods.
- III. Organization and Economics of Manual Training.
- * IV—V—VI—VII. Mechanical Drawing $\frac{1}{2}$ credit each
- * VIII—IX—X—XI. Design and Construction in Wood $\frac{1}{2}$ credit each
- * XII. Wood Turning $\frac{1}{2}$ credit
- * XIII—XIV. Design and Construction in Sheet Metal $\frac{1}{2}$ " "
- * XV. Primary Handwork $\frac{1}{2}$ "
- * XVI. Elementary Handwork $\frac{1}{2}$ "

Note. Courses I., II., III., VI., VII., IX., X., XII., and XIII. constitute a Manual Training Major.

Home Economics.

- | | |
|--|---------------------------|
| * I—II—III. Sewing | $\frac{1}{2}$ credit each |
| * IV—V—VI—VII. Elementary Food Theory. | $\frac{1}{2}$ " " |
| * VIII—IX. Dietetics | $\frac{1}{2}$ " " |
| * X. Demonstrations | $\frac{1}{4}$ " |
| * XI. Principles of the Selection and Preparation of Foods | $1\frac{1}{4}$ " |

* XII. Household Management	2-5 credits
* XIII. Household Architecture	2-5 "
* XIV. Methods, Home Economics	1-5 "
* Manual Training, Physical Education or Drawing	2 "

Note. In Manual Training, Home Economics and Drawing Majors here outlined the fractions given specify the particular value of said courses when applied to the College Course.

Physical Education.

- I—II. Anatomy.
- * III. Hygiene.
- * IV. Theories and Systems of Physical Education.
- * V. Physical Department Methods.
- * VI. History and Literature of Physical Training.
- * VII. Anthropometry and Physical Diagnosis.
- * VIII. Physiology of Exercise.
- * IX. Medical Gymnastics and Massage.

* Not accepted as general electivs on course other than those in which majors are chosen in Home Economics, Drawing, Physical Education and Manual Training.

REQUIREMENTS IN DETAIL FOR OTHER DIPLOMAS THAT ARE GRANTED FOR SPECIAL STUDY AND TRAINING.

Master of Didactics Diploma.—For the completion of the requirements twenty-seven college credits must be acquired by candidates, distributed as follows: English, 3; Foren Language, 3; History, Government and Economics, 3; Science and Mathematics, 3; Professional, 7; Electiv, 8. Other work required is as follows: Vocal Music, one term; Electiv Work from Home Economics, Drawing, Commercial Studies or Manual Training, two terms; Physical Training, two years; Literary Society Work, three years. This diploma gives the right to hold a first grade state certificate, and, hence, the special requirements of the state certificate are here provided.

Bachelor of Didactics Diploma.—For the completion of the requirements eighteen college credits must be acquired by candidates, Government and Economics, 2; Science and Mathematics, 2; Pro-distributed as follows: English, 2; Foren Language, 2; History, Other required work will be:

fessional, 6; Electiv, 4. Other work required is as follows: Vocal Music, one term; Electiv Work from Home Economics, Drawing, Commercial Studies or Manual Training, two terms; Physical Training, two years; Literary Society Work, two years. This diploma gives the right to hold the second grade state certificate as all the special requirements are here provided.

Both of these courses are adapted to the practical needs of elementary and grade teachers as well as to those of principals of elementary, graded and village schools. When students have completed the two terms of practis teaching here provided and afterward continue their study for the Bachelor of Arts in Education degree, an additional term of practis teaching becomes a special requirement in the final year.

THE PROFESSIONAL COURSE OF STUDY FOR COLLEGE GRADUATES.

The Iowa State Teachers College has developpt professional courses for college graduates that deserv special recognition for their practical features and for their large professional helpfulness. College graduatees of decided success in teaching can complete one of these courses by attending three successiv summer terms and doing special assignd work during the interim. Before graduation they will need to establish proofs of their success being excellent and positiv. Where practis teaching is omitted with the consent of the department, other professional credits may be substituted on arrangement with the department. Those not having this standard of success are developpt and traind by the Practis Teaching department, which is in activ work during the fall, winter and spring terms of each school year. For inexperienced teachers, the regular sessions are better adapted, as the training schools are then regularly in session.

I. *Professional Course in Education.*

First Term.

1. Advanced Psychology.
2. School Management.
3. History of Education.

Second Term.

1. Philosophy of Education.
2. American Education.
3. Practis Teaching.

Third Term.

1. Experimental Psychology.
2. Educational Classics.
3. Practis Teaching.

College graduates who complete this course will be entitled to receive the degree of Bachelor of Arts in Education and a First Grade State Certificate.

II. *Professional Course with Electivs.*

1. Education	3 credits
2. Practis Teaching	2 credits
3. Scholastic Studies	4 credits
	—
Total required	9 credits

Graduates of approved colleges can complete this course in one year, and will receive the diploma of Master of Didactics and a First Grade State Certificate, provided they meet all requirements demanded by the State Board of Educational Examiners.

OBSERVATIONS ON THESE COURSES.

1. Some branches of the above work can be personal, individual studies, laboratory and library in character, on lines outlined by the Professional department. These studies are to be carefully made and results submitted to the department for examination, criticism and instruction. The library is so strong in Pedagogy that this work is of great and lasting professional value.

2. For entrance upon this course a complete detail of all work taken at the college must be filed.

3. Substitutions will be granted for efficient pedagogical work taken at a college with a strong professional department. Great liberty will be allowd to such grade of students so as to enable them to prepare both wisely and well for the best public servis in any special line of school work, but in every case a year's attendance at this college is required. Such students are excused from orations and literary society work if they apply to the Faculty for such release.

4. Any college graduate interested in this course is requested to write for further information to the President of the Iowa State Teachers College or to C. P. Colgrove.

III. *Professional Course as Special Teachers.*

College graduates desiring special training in such work as supervisors of music, physical education, manual training, home economics, drawing, kindergarten or primary teaching, are granted a one year course arranged to suit their scholarship and attainments. When they satisfy the Faculty of their qualifications the appropriate diploma will be granted.

JUNIOR COLLEGE COURSES.

Standards Required and Honors Conferd.

Conditions of Admission. The standards adopted by the State Board of Education as required for entrance upon the College Course are the same for the Junior College Courses except that graduates of four year high schools may be admitted without foreign language credits, provided they have equivalent credits in other kinds of high school work..

The Diploma Conferd. The junior college courses each cover two years of strong work in scholastic, general professional and special professional lines. They are the equivalent in standard of special excellence with other college courses of similar length but they are organized to give special attention to some one line of definite training, hence are not substitutes for the requirements of the four years college course. For the completion of these two years of study and training, a Special Teacher Diploma is awarded and a five year state certificate of some kind is granted.

For the completion of an additional year of study, a Director's or Supervisor's Diploma is awarded as an additional recommendation of qualification and training for executive work along these specialties of teaching. When a three-year course is printed, the third year is the supervisor's or director's course.

In some particular departments where students complete the full line of special professional work required, such as music and art, department certificates may be obtained by such persons as do not desire to complete the scholastic and the general professional work required for a diploma.

In all junior college courses the elective studies must be chosen from the list of branches and term's work designated as of full college grade. These elections must be made by consulting the heads of the departments involved in order to avoid all mistakes.

THE ELEMENTARY TEACHERS COURSE.

First Year.

A

1. Education I.
2. Rhetoric.
3. Free Electiv.
4. Vocal Music.

B

1. Education II.
2. College Electiv.
3. Free Electiv.
4. Drawing.

C

1. Education III.
2. College Electiv.
3. Free Electiv.
4. Drawing.

Physical Training, Literary Society Work.

Second Year.

A

1. Education IV.
2. College Electiv.
3. Free Electiv.
4. Review.

B

1. Practis Teaching.
2. College Electiv.
3. Free Electiv.
4. Review.

C

1. Practis Teaching.
2. College Electiv.
3. Free Electiv.
4. Review.

Physical Training, Literary Society Work.

1. The free electivs may be secondary subjects not pursued in high school, foren language or college subjects. These must be chosen in such a way that state certificate requirements are met.

2. Three reviews must be selected from the following subjects: Penmanship, Physiology, U. S. History, English Grammar, Arithmetic, and Geography, unless the student has received satisfactory credits for such work in the eleventh or twelfth grades of an accredited high school aided by the State.

THE PRIMARY TEACHERS COURSE.

First Year.

A

1. Primary Methods
2. Psychology.
3. Pri. Handwork.
4. Rhetoric.

B

1. Primary Methods
2. Elocution.
3. Psychology.
4. Vocal Music.

C

1. Primary Methods
2. Botany.
3. Obs. in Training School.
4. Vocal Music.

Physical Training, five hours a week.

Literary Society Work.

III. *Professional Course as Special Teachers.*

College graduates desiring special training in such work as supervisors of music, physical education, manual training, home economics, drawing, kindergarten or primary teaching, are granted a one year course arranged to suit their scholarship and attainments. When they satisfy the Faculty of their qualifications the appropriate diploma will be granted.

JUNIOR COLLEGE COURSES.

Standards Required and Honors Conferd.

Conditions of Admission. The standards adopted by the State Board of Education as required for entrance upon the College Course are the same for the Junior College Courses except that graduates of four year high schools may be admitted without foreign language credits, provided they have equivalent credits in other kinds of high school work..

The Diploma Conferd. The junior college courses each cover two years of strong work in scholastic, general professional and special professional lines. They are the equivalent in standard of special excellence with other college courses of similar length but they are organized to give special attention to some one line of definite training, hence are not substitutes for the requirements of the four year college course. For the completion of these two years of study and training, a Special Teacher Diploma is awarded and a five year state certificate of some kind is granted.

For the completion of an additional year of study, a Director's or Supervisor's Diploma is awarded as an additional recommendation of qualification and training for executive work along these specialties of teaching. When a three-year course is printed, the third year is the supervisor's or director's course.

In some particular departments where students complete the full line of special professional work required, such as music and art, department certificates may be obtained by such persons as do not desire to complete the scholastic and the general professional work required for a diploma.

In all junior college courses the elective studies must be chosen from the list of branches and term's work designated as of full college grade. These elections must be made by consulting the heads of the departments involved in order to avoid all mistakes.

Second Year.

A	B	C
1. Sch. Management	1. Hist. of Educ'n.	1. Kg. Theory&Ob.
2. Drawing.	2. Drawing.	2. Drawing.
3. Zoology.	3. Eng. Literature.	3. Electiv.
4. Criticism and Practis.	4. Criticism and Practis.	4. Criticism and Practis.

Literary Society Work.

THE KINDERGARTEN TEACHERS COURSE.

First Year.

A	B	C
1. Kg. Theory.	1. Kg. Theory.	1. Kg. Practis.
2. Psychology.	2. Psychology.	2. El. Handwork.
3. Rhetoric.	3. Vocal Music.	3. Vocal Music.
4. Drawing.	4. Drawing.	4. Nature Study.

Physical Training.

Literary Society Work.

Second Year.

A	B	C
1. Kg. Theory.	1. Kg. Theory.	1. Kg. Theory.
2. Kg. Practis.	2. Kg. Practis.	2. Sch. Management.
3. Elocution.	3. Hist. of Educ'n.	3. Primary Theory.
4. Electiv.	4. Electiv.	4. Electiv.

Physical Training.

Literary Society Work.

Supervisor Year.

A	B	C
1. Kg. Theory.	1. Kg. Theory.	1. Psychology.
2. Phil. of Educ'n.	2. Sch. Supervision.	2. Kg. Practis.
3. Harmony.	3. Public Speaking.	3. Hist. of Painting.
4. Electiv.	4. Electiv.	4. Electiv.

Literary Society Work.

THE PUBLIC SCHOOL MUSIC TEACHERS COURSE.

First Year.

A	B	C
1. Psychology.	1. Eng. Literature.	1. Nature Study.
2. Rhetoric.	2. Psychology.	2. 6th term Music
3. 3rd term Music.	3. 4th term Music,	Methods (1)
Sightsinging (3)	Sightsinging &	Harmony (2)
Ele. Harm'y (2)	Methods (3), Hist.	Hist. of Music (2)
	of Music (2).	3. 5th term Music
		Adv. Sight-sing-
		ing (2)
		Harmony (2)
		Methods (1)

Physical Training.

Literary Society Work.

Second Year.

A	B	C
1. Sound.	1. History.	1. Hist. of Education.
2. Elocution.	2. Sch. Management	2. 9th term Music.
3. 7th term Music	3. 8th term Music	Supervision (2)
Hist. of Music (2)	Musical Appre-	Harmony (2)
Harmony (2)	ciation (2)	Theory of
Conducting (1)	Harmony (2)	Music (1)
4. Observation	Child Voice (1)	3. Practis Teaching.
(half credit)	4. Prac. Teaching.	

Physical Training.

Literary Society Work.

The figure in parenthesis indicates the number of recitation hours per week, when less than five hours a week are given.

Two years of voice are required (one lesson per week.)

One year of piano is required (one lesson per week.)

Students completing all the music work required in the above course and the practis teaching, in addition to one term of psychology, one term of school management, one term of elocution, and two electivs in English, may be granted a certificate from the department.

THE DRAWING TEACHERS COURSE.

First Year.

A

1. Cast Drawing.
2. Greek History.
3. Elocution.
4. Rhetoric.

B

1. Cast Drawing.
2. Medieval Hist.
3. Psychology.
4. Hist. of Arch. &

C

1. Hist. of Painting.
2. Psychology.
3. Phys. Sci. Elect.
4. Electiv.

Sculpture.

Physical Training.

Literary Society Work.

Second Year.

A

1. Still Life.
2. Zoology.
3. Pol. Sci. Electiv.
4. Sch. Management.

B

1. Perspectiv.
2. El. Handwork.
3. Eng. Literature.
4. Prac. Teaching.

C

1. Supervision in Art
2. Mathematics.
3. Hist. of Educa'n.
4. Prac. Teaching.

Physical Training.

Literary Society Work.

Third Year.

A

1. Water Color.
2. Profes'l Electiv
3. Physiography.
4. Literary Critic'm

B

1. Mech. Drawing
2. Geology
3. Phil. of Education
4. Sheet Metal W'k.

C

1. Design.
2. Chemistry.
3. Botany.
4. Electiv.

Literary Society Work.

THE MANUAL TRAINING TEACHERS COURSE.

First Year.

A

1. Rhetoric.
2. Psychology.
3. Com. Geog. of
N. Am.
4. 1st Drawing.

B

1. College Algebra
2. Psychology.
3. Prim. Handwork
4. 2nd Drawing.
5. Mech. Drawing.

C

1. Eng. Literature
2. Sch. Managem't
3. Bench Work.
4. Design.
5. Mech. Drawing

Physical Training.

Literary Society Work.

Second Year.

A

B

C

- | | | |
|--------------------------------|---------------------------------|---------------------|
| 1. Trigonometry. | 1. Hist. of Educa'n | 1. XIX. Cent. Hist. |
| 2. Man. Training
Methods I. | 2. Man. Training
Methods II. | 2. Physics I. |
| 3. Bench Work. | 3. Bench Work. | 3. Bench Work. |
| 4. Sheet Metal W'k. | 4. Ele. Handwork. | 4. Mech. Drawing |
| 5. Special Electiv. | 5. Prac. Teaching | 5. Prac. Teaching. |

Physical Training.

Literary Society Work.

THE HOME ECONOMICS TEACHERS COURSE.

First Year.

A

B

C

- | | | |
|---|--|--|
| 1. Principles of
Selection of Foods. | 1. Principles of
Selection of Foods | 1. Principles of
Selection of Foods |
| 2. Elementary Food
Theory. | 2. Elementary Food
Theory. | 2. Elementary Food
Theory. |
| 3. Sewing. | 3. Sewing. | 3. Household Manag't |
| 4. Inorg. Chemistry. | 4. Inorg. Chemistry. | 4. Sewing. |
| 5. Rhetoric. | 5. Sanitation. | 5. Qual. Analysis |
| | | 6. Methods—Home
Economics. |
| | | 7. Psychology. |

Physical Training.

Literary Society Work.

Second Year.

A

B

C

- | | | |
|-------------------------------|---------------------------------|-----------------------|
| 1. Elementary Food
Theory. | 1. Dietetics. | 1. Demonstrations |
| 2. Dietetics. | 2. Household Archi-
tecture. | 2. Food Analysis |
| 3. Household Chem. | 3. Household Chem. | 3. History of Educ'n. |
| 4. Adv. Physiology | 4. Psychology. | 4. School Manag't. |
| 5. Practis Teaching | 5. Practis Teaching | 5. Practis Teaching |

Physical Training.

Literary Society Work.

THE PHYSICAL EDUCATION TEACHERS COURSE.

First Year.

A

1. Electiv.
2. Electiv.
3. Rhetoric.

B

1. Chemistry I.
2. Elocution
3. Psychology.

C

1. Chemistry II.
2. Electiv.
3. Psychology.

Physical Training.

Literary Society Work.

Second Year.

A

1. Theories and Systems of Phys Ed
2. Anatomy I.
3. Sch. Managem't

B

1. Phys. Dept. Meth's.
2. Anatomy II.
3. Hist. of Educ'n.

C

1. Hist. and Lit. of Phys. Training.
2. Hygiene.
3. Electiv.

Physical Training.

Literary Society Work.

Third Year.

A

1. Anthropom'y & Phys. Diagno's
2. Adv. Physiology
3. Electiv.

B

1. Prac. Teaching
2. Electiv.
3. Phil. of Educ'n.

C

1. Physiology of Exercise.
2. Electiv.
3. Med. Gymnastics and Massage.

Physical Training.

Literary Society Work.

SPECIAL COURSE FOR COLLEGE GRADUATES.

A

1. Theories and Systems of Phys. Ed.
2. Anatomy I.
3. Adv. Physiology
4. Anthropom'y and Phys. Diagnosis

B

1. Phys. Dept. Meth's.
2. Anatomy II.
3. Electiv.
4. Prac. Teaching.

C

1. Hist. and Lit. of Phys. Training.
2. Hygiene.
3. Phys. of Exercise
4. Medical Gym. & Massage.

Physical Training.

- | | | |
|---------------------|--------------------------|--------------------------|
| 1. Com. Corresp. | 1. Eng. Composition | 1. Rhetoric. |
| 2. Com. Arithmetic | 2. 2nd Term Book-keeping | 2. 3rd Term Book-keeping |
| 3. Adv. Penmanship | 3. Electiv. | 3. Electiv. |
| 4. Am. Ind. History | 4. Psychology | 4. Psychology. |
- Physical Training.
Literary Society Work.

Second Year.

A

B

C

- | | | |
|------------------------------|-------------------------|----------------------|
| 1. Sch. Managem't. | 1. Am. Government | 1. Gen. Economics |
| 2. Electiv. | 2. Electiv. | 2. Electiv. |
| 3. Com. Geog. of N. America. | 3. Com. Geog. of Europe | 3. Commercial Law |
| 4. Eng. Literature | 4. Practis Teaching. | 4. Practis Teaching. |
- Physical Training.
Literary Society Work.

Note.—The electiv terms work here represented are to be stenography and typewriting to the extent that will give efficiency, and such other practical training as the department may find necessary to require.

SPECIAL TEACHER COURSES.

STANDARDS OF COUNTY AND STATE CERTIFICATES PREPARATION AND TRAINING FOR ELEMENTARY SCHOOL WORK.

1. The Uniform County Certificates Course.

Conditions of Admission. Age, sixteen years; scholarship, possessing of a third grade uniform county certificate, a country school diploma or equivalent scholarship establishd by credentials of instructors or by examination.

Variations Provided. (1) Those presenting country school diplomas or equivalent scholarship are assignd two term work in arithmetic, English grammar, U S. history, geography and elementary civics. (2) Those presenting uniform county certificates

will be excused from all subjects markt 85 per cent. or above, will be required to take one term work in these subjects if markt 75 per cent. and below 85 per cent., and will be required to take two term work if below 75 per cent.

High School Work. Those not qualified to meet the above standards of age or scholarship can be receivd and given instruction in the elementary and high schools maintaind in the Training Department of the College.

Second Grade Uniform County Certificates. Those possessing second grade county certificates are admitted to study such subjects as are needed to prepare them for first grade certificate standard.

First Year.

A	B	C
1. Arithmetic.	1. Geography.	1. U. S. History.
2. Eng. Grammar.	2. Algebra.	2. Algebra.
3. Physiology.	3. Didactics.	3. Reading.
4. Orthography.	4. Penmanship.	4. Vocal Music.

Physical Training.

Second Year.

A	B	C
1. Eng. Composition	1. Electiv.	1. Ele. Civics.
2. Ele. Physics.	2. Ele. Physics.	2. Methods of Teach.
3. Electiv.	3. Ele. Economics	3. Electiv.
4. Electiv.	4. Electiv.	4. Electiv.

Physical Training.

The electiv terms work here outlined is physiography, English, general history, botany, vocal music, drawing and elocution. When this work is all completed a department certificate will be granted by the Department of Professional Instruction in Education.

THREE YEAR SPECIAL TEACHER COURSES.

Second Grade State Certificate Standard.

II. The Three Year Elementary Teachers Course.

Conditions of Admission. Teachers possessing a first grade uniform county certificate are unconditionally admitted to this course and to all special-teacher three year courses here provided. Students completing the Uniform County Certificate Course given

by this College will be granted unconditional admission with credit for work already done in Physics, Algebra, General History, and other subjects classified in the three years elementary teachers course as requirements.

Variations and Equivalents. (1) Students who have completed two years of standard high school work in a creditable manner will be granted admission provided the subjects studied in the high school can be considered equivalent to the first grade uniform county certificate. (2) Students who have completed more than two years work of a standard high school will be given temporary advanced credit upon this course in proportion to the quality and quantity of work shown by their credentials, said credit to become permanent provided the work they do in the College justifies such recognition. (3) Students coming with any other credentials can have their status determined by a committee of the Faculty.

First Year.

A	B	C
1. Algebra*	1. Plane Geometry	1. Plane Geometry
2. Physics. *	2. Bookkeeping.	2. Vocal Music
3. Gen. History *	3. Elocution.	3. Prin. of Education
4. Electiv.	4. Electiv.	4. Electiv.

Physical Training.

Second Year.

A	B	C
1. Drawing	1. Drawing.	1. Math. Electiv.
2. Psychology.	2. Psychology	2. Sch. Managem't
3. Solid Geometry	3. Sanitation.	3. Gen. Botany
4. Electiv.	4. Electiv.	4. Electiv.

Physical Training.

Literary Society Work.

Third Year.

A	B	C
1. Rhetoric.	1. Eng. Electiv	1. Science Electiv.
2. Econ. Electiv.	2. Govt. Electiv	2. Hist. Electiv.
3. Hist. of Educ'n	3. Prac. Teaching	3. Prac. Teaching
4. Electiv.	4. Electiv.	4. Electiv.

Literary Society Work.

*Two terms work if elementary teachers course was not completed at this College or in an equivalent school.

Note on Electivs. The word "Electiv" as used in the Elementary Teachers Course means that a reasonable range of studies, both college and secondary, can be obtained. These are to be selected under advice by the President's Offis or by the Faculty adviser appointed for such purpose. This plan permits the study of Latin, German, English classics, or other equivalent subjects during the time. If a student determins to finally take the College Course the study of four terms of either Latin or German and six terms of English is necessary because these credits are required for college admission in the state educational institutions of Iowa. Students who are admitted to this course on partial high school course credentials are required to take as electivs three terms' work from arithmetic, English grammar, U. S. history, penmanship, physiology or geography as the President's Offis may determin.

III. Other Special Teacher Three Year Courses.

1. Primary Teacher Course.
2. Kindergarten Teacher Course.
3. Public School Music Teacher Course.
4. Manual Training Teacher Course.
5. Home Economics Teacher Course.
6. Drawing Teacher Course.
7. Elementary Teacher Course.
8. Commercial Teacher Course.

Admission. All these special teacher courses require as a minimum for entrance upon their study a first grade uniform county certificate or its equivalent.

The Courses Offerd. The first year's work is to be completed before beginning on the special work that the particular line selected will require. These selections for the year's study will depend largely upon the particular quality and quantity of scholarship alrely possest by the student. The branches from which the course shall be chosen shall consist of secondary studies such as algebra, botany, general history, economics, civil government, elocution, English classics, drawing, vocal music, Latin, German, and other acceptable subjects. The decision in each case shall be made on the basis of advice given by the President's Offis or by some member of the Faculty appointed as an adviser of these classes of students.

The Second and Third Years. The full requirements for these years are publisht in detail elsewhere in this Bulletin under the

classification, "Junior College Courses." These can be entered upon without restriction after the First Year before mentioned has been satisfactorily completed.

SPECIAL MUSIC TEACHER COURSES.

Conditions of Admission. Students are admitted to these music courses on liberal terms as to preparatory training and are encouraged to begin early enough to develop the skill and capability for professional artistic success that are so notably demanded in teachers of these kinds.

To become a candidate for graduation, the student must have attained to the scholastic qualifications required of secondary schools for full college entrance. These scholastic conditions may be acquired in any good secondary school or may be accomplished in the certificate courses at the College.

Conditions of Graduation. A special Teacher Diploma will be awarded to such persons as complete satisfactorily any one of the courses here outlined, but as skill and capability as musicians are also essential qualities to be attained, the exact time necessary to complete any one of these courses can not be stated in school years. The candidate must have sufficient proficiency in the special line chosen to secure the recommendation of the professors in charge of the work to become an applicant for graduation. The courses as here mapped out, outside of the attainment in capability as a musician, can be satisfactorily completed in three years.

THE PIANO COURSE.

Piano lessons must be continued thru the entire period of study, two lessons a week. A second study—voice or orchestral instrument—must also be carried, with either one or two lessons a week, each term except the last year.

Other required work will be:

First Year.

A	B	C
Elem'ts of Music 5	Elem'ts of Music 5	German 5
German 5	German 5	Music History 2
Music History 2		Ear Training 2

Second Year.

A	B	C
Harmony 2	Harmony 2	Harmony 2
Music History 2	Eng. Literature 5	Psychology 5
Sound 5		

Third Year.

A	B	C
Harmony 2	Harmony 2	Harm. Analysis 2
Psychology 5	Medieval Hist. 5	Modern History 5

Piano—9 terms, once or twice a week (at least.)

Second Study—6 terms, once or twice a week (at least.)

The figures after the subjects indicate the number of recitation periods per week.

THE VIOLIN COURSE.

Violin lessons must be continued thru the entire period of study—two lessons per week. The piano work must be carried for two years successfully with at least one lesson a week. Attendance at two orchestra rehearsals and one class in ensemble playing is also required each week.

First Year.

A	B	C
Elem'ts of Music 5	Elem'ts of Music 5	Music History 2
German 5	German 5	German 5
Music History 2		Ear Training 2

Second Year.

A	B	C
Harmony 2	Harmony 2	Harmony 2
Music History 2	Eng. Literature 5	Psychology 5
Sound 5		

Third Year.

A	B	C
Harmony 2	Harmony 2	Harm. Analysis 2
Psychology 5	Medieval Hist. 5	Modern History 5

The figures after the subjects indicate the number of recitation periods per week.

THE VOICE COURSE.

Three years of voice lessons (two a week), and two years piano lessons (one a week), will be required.

First Year.

A	B	C
Elem'ts of Music 5	Elem'ts of Music 5	German 5
German 5	German 5	Elem'ts of Music 5
Music History 2	Theory of Phys.	Far Training 2
	Training 5	

Second Year.

A	B	C
Harmony 2	Harmony 2	Harmony 2
Music Hist. 2	Eng. Literature 5	Psychology 5
Scound 5		

Third Year.

A	B	C
Harmony 2	Harmony 2	Harm. Analysis 2
Psychology 5	French 5	French 5
French 5	Medieval Hist. 5	Modern Hist. 5

The figures after the subjects indicate the number of recitation periods per week.

PROGRAM OF RECITATIONS.

Explanatory Note.

This program of recitations is printed for the full school year, presenting the work for the Fall, Winter and Spring terms. The work is organized on the basis of the past year, and may be expanded if numbers enroll should demand it.

The nomenclature used gives in order: 1. The College Course. 2. The Junior College Courses. 3. The Teachers' Certificate Courses, for each term. The electives in Home Economics, Drawing, Manual Training or Physical Education which may apply on a college course in case a major is taken in one of these lines, will be found listed with the subjects belonging to the Junior College Courses. All subjects of college grade required in the Junior College Courses are included under the College Course.

The program of Physical Training, excepting the Theory, will be found at the end of the program for each term.

The subject of study is given in the terminology adopted by the departments, complete explanation being given in the Catalog and Circular for 1911. The name of the teacher is given following each subject assigned for the term, and the Arabic numeral following the teacher's name gives the hour at which the recitation will occur.

The following are the hours of work in the school for the year:

First Hour 8:00 to 8:55.

Second Hour 8:55 to 9:50.

Assembly 9:50 to 10:20.

Third Hour 10:20 to 11:15.

Fourth Hour 11:15 to 12:10.

Fifth Hour 1:30 to 2:25.

Sixth Hour 2:25 to 3:20.

Seventh Hour 3:20 to 4:15.

Eighth Hour 4:15 to 5:00.

Of these the first to fifth, inclusive, are regarded as regular class hours.

Students' Offis Hours. Students having business with the President's offis will receive attention from 7:30 to 9:50 a. m. and 1:00 to 2:00 p. m. Please note this and do not come other business hours except in emergencies that are unusual.

Library Hours. School days, 7:30 a. m. to 5:00 p. m. and 6:00 to 9:30 p. m. Saturdays, 7:30 a. m. to 12:00.

Literary Societies. Fridays, 2:25 p. m. Saturdays, 7:00 p. m.

Faculty Meetings. Mondays, 2:25 p. m.

Assignment for Rehearsals of Musical Societies.

Choral Society Tuesdays, 6:30 p. m.

Cecilians Wednesdays, 2:25 p. m.

Euterpeans Tuesdays, 2:25 p. m.

Young Ladies' Glee Club Mondays, 2:25 p. m.

Minnesingers Wednesdays, 2:25 p. m.

Troubadours Tuesdays, 2:25 p. m.

Orchestra Mondays and Thursdays, 3:30 p. m.

Band Tuesdays and Fridays, 3:30 p. m.

Ensemble Class Wednesdays, 3:00 p. m.

Junior Band Wednesdays, 3:30 p. m.

FALL TERM.

COLLEGE COURSE.

PROFESSIONAL INSTRUCTION IN EDUCATION. I. 1st Psychology, *Mr. Samson* 1-3. II. 2nd Psychology, *Mr. Samson* 2-5. III. School Management, *Mr. Colgrove* 2-3-5. IV. History of Education, *Mr. Walters* 1-3-4. VI. American Education, *Mr. Colgrove* 1. VII. Experimental Psychology, *Mr. Mount* 5. IX. Educational Classics, *Mr. Walters* 2.

TRAINING IN TEACHING. Illustrativ Teaching, *Mr. Bender* (Tuesday, Wednesday, Thursday) 3-5-6.

ENGLISH. (a) *Language and Literature.* I. Rhetoric, *Mr. Lynch* 3-5; *Mr. Gist* 1-4; *Miss Carpenter* 1; *Miss Lambert* 2; *Miss Gregg* 5; *Miss Hearst* 4; *Miss Lodge* 4. II. (a). English Literature, *Mr. Lynch* 2; *Mr. Gist* 5. III. Shakespeare, *Mr. Gist* 2. VI. The Development of the English Drama, *Miss Lambert* 1. XII. Theme Writing and Story Telling, *Miss Carpenter* 2. XIV. American Literature, *Miss Lambert* 4. (b) *Elocution and Public Speaking.* XV. Elocution I., *Miss*

Martin 2; ————— 2. XVI. Elocution II., *Miss Martin* 3. XIX. Repertoire II., *Miss Martin* 1. XXII. Public Speaking I., *Mr. Barnes* 2. XXIII. Public Speaking II., *Mr. Barnes* 3.

LATIN AND GREEK. (1) *Latin*. I. Cicero (Cato Major), *Mr. Merchant* 1-3. IV. Latin Composition (Tuesday, Thursday), *Mr. Merchant* 2. VII. Plautus and Terence (Monday, Wednesday, Friday), *Mr. Merchant* 2. X. Historical Latin Grammar (Monday, Wednesday, Friday), *Mr. Merchant* 5. XIII. Senior Electiv (Tuesday, Thursday), *Mr. Merchant* 5. XVI. (a) Elementary Latin (Introductory Work), *Miss Call* 3; (b) Elementary Latin (Ovid), *Miss Call* 1. (2) *Greek*. I. Lessons (Monday, Wednesday, Friday), *Miss Call* 2.

GERMAN AND FRENCH. (1) *German*. I. Grammar, *Mr. Knoepfler* 4. II. Grammar, ————— 5. IV. Die Journalisten, *Miss Lorenz* 3. V. Wilhelm Tell, *Miss Lorenz* 1. VI. Prose Composition, *Miss Lorenz* 5. VII. Emilia Galotti and Lyrics and Ballads, *Miss Lorenz* 2. X. Language and Literature, *Mr. Knoepfler* 2. (2) *French*. I. Lessons, *Mr. Knoepfler* 1. IV. Novels, Stories, etc., *Mr. Knoepfler* 3.

MATHEMATICS. I. Solid Geometry, *Mr. Wright* 5. II. College Algebra, *Mr. Condit* 3. III. Plane Trigonometry, *Mr. Cory* 4. VI. Analytical Geometry, *Mr. Condit* 1.

CHEMISTRY. I. General Inorganic, *Mr. Bond* 4. I. General Inorganic (For Home Economics students), *Mr. Getchell* 1. II. General Inorganic, *Mr. Getchell* 2. III. IV. Qualitativ Analysis, *Mr. Bond* 3. V. VI. Quantitativ Analysis, *Mr. Bond* 5. VIII. Household Chemistry, *Mr. Getchell* 3.

PHYSICS. I. Mechanics of Solids and Fluids, *Mr. Bege-man* 3. V. VI. Advanced Laboratory Work, *Mr. Begeman* 6.

NATURAL SCIENCE. I. Physiology I., *Mr. Newton* 1. IV. Zoology I., *Mr. Arey* 1. VI. Physiography I., *Mr. Cable* 3. IX. Mineralogy, *Mr. Cable* 4. XI. Commercial Geography of North America, *Miss Aitchison* 5.

HISTORY. I. American, *Miss Riggs* 1. III. Greek, *Miss Rice* 3. VI. Modern, *Miss Riggs* 4. IX. Method, *Miss Riggs* 2.

GOVERNMENT. I. American Government, *Mr. Meyerholz* 2. II. American Constitutional History I., *Mr. Meyerholz* 5. VI. International Law, *Mr. Meyerholz* 4.

ECONOMICS. I. General Economics, *Mr. McKittrick* 2. II. Economic and Social Problems, *Mr. McKittrick* 1. III. American Industrial History, *Mr. McKittrick* 3.

MANUAL TRAINING. I. Manual Training Methods I., *Mr. Bailey* 1.

PHYSICAL EDUCATION. I. Anatomy I., *Mr. Seymour* 4.

JUNIOR COLLEGE COURSES.

PROFESSIONAL INSTRUCTION IN EDUCATION. 1st Psychology, *Mr. Mount* 1-2-4; *Miss Buck* 3-5. 1st Primary Methods, *Miss McGovern* 2-3-4. 2nd Primary Methods, *Miss McGovern* 1.

TRAINING IN TEACHING. Primary Criticism, *Miss Hatcher* 6. Kindergarten Theory (Junior), *Miss Ward* 1. Kindergarten Theory (Senior), *Miss Ward* 5. Kindergarten Practis, *Miss Dowdell* 2-3.

MATHEMATICS. Commercial Arithmetic, *Mr. Cory* 5.

PHYSICS. Sound, *Mr. Begeman* 5.

NATURAL SCIENCE. Zoology, *Mr. Arey* 2-3-4.

DRAWING. Water Color, *Miss Thornton* 1. 1st Primary Drawing, *Miss Thornton* 2-3; *Miss Schuneman* 1. 1st Kindergarten Drawing, *Miss Schuneman* 3. Cast Drawing, *Miss Patt* 5. Still Life, *Miss Thornton* 5; *Miss Patt* 3-4; *Miss Schuneman* 5. Perspectiv, *Miss Patt* 2.

COMMERCIAL. Advanced Penmanship, *Mr. Cummins* 4. Business Correspondence, *Mr. Coffey* 2. Shorthand, *Mr. Coffey* 3. Typewriting, *Mr. Coffey* 5.

MUSIC. 3rd Music, *Mr. Fullerton* 2. 4th Music, (a) History (Tuesday, Friday), *Miss Childs*; (b) Sightsinging and Methods (Monday, Wednesday, Thursday), *Miss Stenwall* 4. 7th Music (a) Conducting (Wednesday), *Mr. Fullerton*; (b) Harmony (Tuesday, Friday), *Mr. Frampton*; (c) History (Monday, Thursday), *Miss Childs* 1.

PHYSICAL EDUCATION. Anatomy I., *Mr. Seymour* 4. Theories and Systems of Physical Education, *Mr. Seymour* 3. Anthropometry and Physical Diagnosis, *Mr. Seymour* 5.

MANUAL TRAINING. Manual Training Methods I., *Mr. Bailey* 1. 1st Mechanical Drawing, *Mr. Bailey* 4. Advanced Mechanical Drawing, *Mr. Bailey* 5. Sheet Metal Work, *Mr. Bailey* 3. 1st Bench Work, *Mr. Brown* 2. Advanced Bench Work, *Mr. Brown* 4-5. Wood Turning, *Mr. Brown* 4-5. Individual Work in the

Shop, *Mr. Brown* 6-7. Primary Handwork, *Mrs. McMahon* 1-2-3-5.

HOME ECONOMICS. 1st Sewing, *Miss Heinz* 8:55 to 9:50 and 10:20 to 11:15. Principles of the Selection and Preparation of Foods, *Miss Townsend* (Monday, Wednesday), 1:30 to 2:25. Elementary Food Theory, *Miss Townsend* and *Miss Heinz* (Monday, Wednesday), 2:25 to 5:00. Dietetics, *Miss Townsend* (Tuesday, Thursday), 11:15 to 12:10 and 1:00 to 2:25.

COUNTY AND STATE CERTIFICATE COURSES.

PROFESSIONAL INSTRUCTION IN EDUCATION. Didactics, *Miss Buck* 2. Methods, *Miss Buck* 4. Principles of Education, *Mr. Dick* 4.

ENGLISH. (a) *Language and Literature*. Orthography, *Miss Oliver* 1-2. 1st half English Grammar, *Miss Hearst* 1; ———— 4. 2nd half English Grammar, *Miss Hearst* 2. Complete English Grammar, *Miss Gregg* 2-3-4. 1st half English Composition, *Miss Lodge* 1. Complete English Composition, *Miss Lodge* 5. 1st English Classics, *Miss Oliver* 4. 2nd English Classics, *Miss Hearst* 5. American Literature, *Miss Carpenter* 4. (b) *Elocution and Public Speaking*. Reading, *Miss Falkler* 1. Elocution, *Miss Falkler* 2-3-4; ———— 3.

LATIN AND GREEK. *Latin*. 1st Latin Lessons, *Miss Call* 4. 2nd Caesar, ———— 3.

GERMAN AND FRENCH. *German*. 3rd German, ———— 4.

MATHEMATICS. 1st half Arithmetic, *Miss Seals* 4; *Miss Lambert* 2-3. 2nd half Arithmetic, *Mr. Cory* 2. Complete Arithmetic, *Mr. Condit* 5; *Mr. Cory* 1. 1st Algebra, *Miss Seals* 3-5. 2nd Algebra, *Miss Seals* 2; *Miss Lambert* 5. Two term Algebra, *Miss Lambert* 1. 3rd Algebra, *Mr. Condit* 2. Beginning Geometry, *Mr. Wright* 2-4. Middle Geometry, *Mr. Wright* 3. Solid Geometry, *Mr. Wright* 5.

PHYSICS. 1st Physics, *Mr. Hersey* 2-3; *Mr. Kadesch* 1-4. 2nd Physics, *Mr. Hersey* 5; *Mr. Kadesch* 2.

NATURAL SCIENCE. 1st half Geography, *Miss Aitchison* 2. 2nd half Geography, *Miss Aitchison* 1. Complete Geography, *Miss Aitchison* 3. Physiology, *Mr. Newton* 2-3. Physiography, *Mr. Cable* 1-2. General Botany, *Mr. Newton* 5.

HISTORY. 1st half U. S. History, *Miss Rice* 4; *Mr. Peter-*

son 5. 2nd half U. S. History, *Miss Rice* 5. Complete U. S. History, *Miss Riggs* 5. 1st General History, *Miss Rice* 2.

GOVERNMENT. Iowa and U. S. Civics (Review), *Mr. Meyerholz* 1. Iowa History and Civics, *Mr. Peterson* 4. U. S. Civics, *Mr. Peterson* 2.

ECONOMICS. Elementary Economics, *Mr. McKittrick* 4; *Mr. Peterson* 3.

DRAWING. 1st Drawing, *Miss Thornton* 5; *Miss Patt* 3-4; *Miss Schuneman* 5. 2nd Drawing, *Miss Patt* 2.

COMMERCIAL. 1st Penmanship, *Mr. Cummins* 2-3; *Mr. Coffey* 1. 1st Bookkeeping, *Mr. Cummins* 1.

MUSIC. 1st Vocal Music, *Mr. Fullerton* 3; *Miss Stenwall* 5;
 —————1-2. 2nd Vocal Music, *Miss Stenwall* 2-3; —————
 —————4.

HOME ECONOMICS. Sewing, *Miss Heinz* 8:00 to 8:55. Elementary Food Theory and Laboratory Cooking, *Miss Townsend* (Tuesday, Thursday), 2:30 to 4:45.

PHYSICAL TRAINING.

1st term Physical Training—

Miss Hussey (Monday, Wednesday) 6.
 (Tuesday, Thursday) 7.

Miss Hallingby (Tuesday, Thursday) 6.

Miss Samson (Monday, Wednesday) 4.
 (Tuesday, Thursday) 5.

2nd term Physical Training—

Miss Samson (Tuesday, Thursday) 6.

3rd term Physical Training—

Miss Hallingby (Tuesday, Thursday) 7.

1st term Primary Physical Training—

Miss Hussey (Daily) 4.

Miss Hallingby (Daily) 5.

Swimming.

Mr. Pasini (Tuesday, Thursday) 3-5-6.

Miss Hussey (Tuesday, Thursday) 3.
 (Monday, Wednesday) 7.*

Miss Hallingby (Tuesday, Thursday) 4.
 (Monday, Wednesday) 6-7.

Miss Samson (Monday, Wednesday) 3-5.

Tennis.

Mr. Seymour (Tuesday, Thursday) 6.

(Monday, Wednesday, Friday) 7.*

Mr. Pasini (Monday, Wednesday, Friday) 3-5.

Miss Hallingby (Monday, Wednesday) 4.

Miss Samson (Tuesday, Thursday) 3-4-7.

Hockey.

Miss Samson (Monday, Wednesday) 6.

Basketball.

Miss Samson (Monday, Wednesday) 7.

Cricket.

Miss Hussey (Tuesday, Thursday) 6.

Golf.

Mr. Seymour (Tuesday, Thursday) 7.*

Track Athletics.

Mr. Seymour (Monday, Wednesday, Friday) 6.

Soccer Football.

Mr. Pasini (Monday, Wednesday, Friday) 6.

Football Squad.

Mr. Pasini (Daily) 7-8.

**Required of Juniors and Seniors of Physical Education Department.*

WINTER TERM.

COLLEGE COURSE.

PROFESSIONAL INSTRUCTION IN EDUCATION. I. 1st Psychology, *Mr. Samson* 2-5. II. 2nd Psychology, *Mr. Samson* 1-4. III. School Management, *Mr. Colgrove* 1-2-3-5. IV. History of Education, *Mr. Walters* 2-3-5. V. Philosophy of Education, *Mr. Walters* 1. VII. Experimental Psychology, *Mr. Mount* 5.

ENGLISH. (a) *Language and Literature*. I. Rhetoric, *Mr. Lynch* 5; *Mr. Gist* 4; *Miss Lodge* 2. II. (a) English Literature, *Mr. Lynch* 4; *Mr. Gist* 5; *Miss Carpenter* 2; *Miss Lambert* 3. (b) English Literature, *Miss Lambert* 5. III. Shakespeare, *Mr. Gist* 3. IV. Epic Poetry in English, *Mr. Lynch*

2. V. The English Romantic Movement, *Miss Carpenter* 4. VI. The Development of the English Drama, *Miss Lambert* 1. VIII. Anglo Saxon and Middle English, *Mr. Gist* 2. XIV. American Literature, *Miss Carpenter* 1. (b) *Elocution and Public Speaking*. XVI. Elocution II., *Miss Martin* 2; ————— 2. XVII. Applied Drama, *Miss Martin* 4. XVIII. Repertoire I., *Miss Martin* 3. XXII. Public Speaking I., *Mr. Barnes* 2. XXIV. Argumentation, *Mr. Barnes* 3.

LATIN AND GREEK. (1) *Latin*. II. Livy, *Mr. Merchant* 1-3. V. Latin Composition (Tuesday, Thursday), *Mr. Merchant* 2. VIII. Catullus (Monday, Wednesday, Friday), *Mr. Merchant* 2. XI. Historical Latin Grammar (Monday, Wednesday, Friday), *Mr. Merchant* 5. XIV. Senior Electiv (Tuesday, Thursday), *Mr. Merchant* 5. XVII. (a) Elementary Latin (Caesar), *Miss Call* 3; (b) Elementary Latin (Vergil), *Miss Call* 1. (2) *Greek*. II. Lessons (Monday, Wednesday, Friday), *Miss Call* 2.

GERMAN AND FRENCH. (1) *German*. II. Grammar, *Mr. Knoepfler* 5. III. Immensee and Hoeher als die Kirche, *Miss Lorenz* 5. V. Wilhelm Tell, *Miss Lorenz* 3. VI. Prose Composition, *Miss Lorenz* 1. VIII. Nathan der Weise, *Miss Lorenz* 2. XI. Modern German Prose and Scientific German, *Mr. Knoepfler* 2. (2) *French*. II. Lessons, *Mr. Knoepfler* 1. V. Novels, Stories, etc., *Mr. Knoepfler* 3.

MATHEMATICS. I. Solid Geometry, *Mr. Wright* 3. II. College Algebra, *Mr. Cory* 2. III. Plane Trigonometry, *Mr. Condit* 1-2. VII. Differential Calculus, *Mr. Condit* 3.

CHEMISTRY. I. General Inorganic, *Mr. Bond* 2. II. General Inorganic, *Mr. Bond* 4; II. General Inorganic (for Home Economics students), *Mr. Getchell* 1. III.—IV. Qualitativ Analysis, *Mr. Bond* 1. VI. Quantitativ Analysis, *Mr. Bond* 5-6. VII. Special Methods in Quantitativ Analysis, *Mr. Getchell* 5-6. IX. Household Chemistry, *Mr. Getchell* 3.

PHYSICS. I. Mechanics of Solids and Fluids, *Mr. Bege-man* 3. II. Sound and Light, *Mr. Begeman* 1.

NATURAL SCIENCE. III. Hygiene and Sanitation, *Mr. Newton* 2-5. VII. Geology I., *Mr. Cable* 2. XII. Commercial Geography of Europe, *Miss Aitchison* 5. XIII. Influences of Geography upon American History, *Mr. Cable* 4.

HISTORY. IV. Roman, *Miss Rice* 2. V. Medieval, *Miss*

Riggs 5. VII. Eighteenth Century, Miss Riggs 1.

ECONOMICS. I. General Economics, *Mr. McKitrick 5.* IV. English Industrial History, *Mr. McKitrick 3.* V. Money and Banking, *Mr. McKitrick 2.*

GOVERNMENT. I. American Government, *Mr. Meyerholz 2.* III. American Constitutional History II., *Mr. Meyerholz 4.* IV. English Government, *Mr. Meyerholz 3.*

DRAWING. III. History of Architecture and Sculpture, *Miss Thornton 1.*

MANUAL TRAINING. II. Manual Training Methods II., *Mr. Bailey 2.*

PHYSICAL EDUCATION. II. Anatomy II., *Mr. Seymour 4.*

JUNIOR COLLEGE COURSES.

PROFESSIONAL INSTRUCTION IN EDUCATION. 1st Psychology, *Miss Buck 1.* 2nd Psychology, *Mr. Dick 2; Mr. Mount 2-3-4.* 1st Primary Methods, *Miss McGovern 4.* 2nd Primary Methods, *Miss McGovern 1-2-3.*

TRAINING IN TEACHING. Primary Criticism, *Miss Hatcher 6.* Kindergarten Theory (Junior), *Miss Ward 1.* Kindergarten Theory (Senior), *Miss Ward 5.* Kindergarten Practis, *Miss Dowdell 2-3.*

MATHEMATICS. Commercial Arithmetic, *Mr. Cory 5.*

NATURAL SCIENCE. Structural Botany, *Mr. Arey 1-2.* Hygiene and Sanitation, *Mr. Newton 2-5.*

DRAWING. History of Architecture and Sculpture, *Miss Thornton 1.* 2nd Primary Drawing, *Miss Schuneman 2-3-4.* 2nd Kindergarten Drawing, *Miss Thornton 3.* Cast Drawing, *Miss Patt 5.* Still Life, *Miss Thornton 2-4; Miss Patt 3; Miss Schuneman 1.* Perspectiv, *Miss Patt 1-2.*

COMMERCIAL. Advanced Penmanship, *Mr. Cummins 4.* 2nd Bookkeeping, *Mr. Cummins 5.* Business Correspondence, *Mr. Coffey 1.* 1st Shorthand, *Mr. Coffey 2.* 2nd Shorthand, *Mr. Coffey 5.* Typewriting, *Mr. Coffey 3.*

MUSIC. 3rd Music, (a) Harmony (Tuesday, Thursday), *Mr. Fullerton;* (b) Sightsinging (Monday, Wednesday, Friday), *Miss Stenwall 2.* 4th Music, (a) Sightsinging and Methods (Monday, Wednesday, Thursday), *Miss Stenwall;* (b) History (Tues-

day, Friday), *Miss Childs* 1. 5th Music, *Mr. Fullerton* 5. 8th Music, (a) Appreciation (Wednesday, Friday), *Mr. Fullerton*; (b) Harmony (Monday, Thursday), *Mr. Frampton*; (c) Child Voice (Tuesday), *Miss Stenwall* 1.

PHYSICAL EDUCATION. Anatomy II., *Mr. Seymour* 4. Physical Department Methods, *Mr. Seymour* 5.

MANUAL TRAINING. Manual Training Methods II., *Mr. Bailey* 2. Sheet Metal Work, *Mr. Bailey* 3. 1st Mechanical Drawing, *Mr. Bailey* 4. Advanced Mechanical Drawing, *Mr. Bailey* 5. 1st Bench Work, *Mr. Brown* 2. Advanced Bench Work, *Mr. Brown* 4-5. Wood Turning, *Mr. Brown* 4-5. Individual Work in the Shop, *Mr. Brown* 6-7. Elementary Handwork, *Mrs. McMahon* 1. Primary Handwork, *Mrs. McMahon* 2-3-5.

HOME ECONOMICS, 2nd Sewing, *Miss Heinz* 8:55 to 9:50 and 10:20 to 11:15. Principles of the Selection and Preparation of Foods, *Miss Townsend* (Monday, Wednesday), 1:30 to 2:25. Elementary Food Theory, *Miss Townsend* (Monday, Wednesday), 2:25 to 5:00. Dietetics, *Miss Townsend* (Tuesday, Thursday), 3:30. Household Architecture, *Miss Townsend* (Tuesday, Thursday), 11:15 to 12:10.

COUNTY AND STATE CERTIFICATE COURSES.

PROFESSIONAL INSTRUCTION IN EDUCATION. Didactics, *Miss Buck* 3. Methods, *Miss Buck* 2-5. Principles of Education, *Mr. Dick* 4.

ENGLISH. (a) *Language and Literature*. Orthography, *Miss Oliver* 1-2. 1st half English Grammar, *Miss Hearst* 2; ———— 5. 2nd half English Grammar, *Miss Hearst* 3-4. Complete English Grammar, *Miss Gregg* 3-4-5. 1st half English Composition, *Miss Gregg* 2. 2nd half English Composition, *Miss Lodge* 1. Complete English Composition, *Miss Lodge* 4. 1st English Classics, *Miss Oliver* 4. 2nd English Classics, *Miss Hearst* 5. (b) *Elocution and Public Speaking*. Reading, *Miss Falkler* 1. Elocution, *Miss Falkler* 2-3-5; ———— 4.

LATIN AND GREEK. *Latin*. 2nd Latin Lessons, *Miss Call* 4. 1st Cicero's Orations, ———— 3.

GERMAN AND FRENCH. *German*. 1st German, ———— 5. 4th German (Die Journalisten), ———— 4.

MATHEMATICS. 1st half Arithmetic, *Mr. Cory* 4; *Miss Seals*

5. 2nd half Arithmetic, *Miss Seals* 4; *Miss Lambert* 2-3. Complete Arithmetic, *Mr. Cory* 1. 1st Algebra, *Miss Seals* 2; *Miss Lambert* 5. 2nd Algebra, *Miss Seals* 1. Two term Algebra, *Mr. Condit* 5. 3rd Algebra, *Miss Lambert* 4. Beginning Geometry, *Mr. Wright* 4. Middle Geometry, *Mr. Wright* 2-5. Solid Geometry, *Mr. Wright* 3.

PHYSICS. 1st Physics, *Mr. Hersey* 1-3; *Mr. Kadesch* 4. 2nd Physics, *Mr. Kadesch* 2-5. 3rd Physics, *Mr. Hersey* 5.

NATURAL SCIENCE. 1st half Geography, *Miss Aitchison* 1. 2nd half Geography, *Miss Aitchison* 2. Complete Geography, *Miss Aitchison* 3. Physiology, *Mr. Newton* 3-4. Physiography, *Mr. Cable* 1-5. Hygiene and Sanitation, *Mr. Newton* 2-5.

HISTORY. 1st half U. S. History, *Miss Rice* 4; *Mr. Peterson* 5. 2nd half U. S. History, *Miss Rice* 5. Complete U. S. History, *Miss Riggs* 4. 1st General History, *Miss Rice* 3. 2nd General History, *Miss Riggs* 2.

GOVERNMENT. Iowa and U. S. Civics (Review), *Mr. Meyerholz* 1. Iowa History and Civics, *Mr. Peterson* 4. U. S. Civics, *Mr. Peterson* 3.

ECONOMICS. Elementary Economics, *Mr. McKittrick* 1; *Mr. Peterson* 2.

DRAWING.—1st Drawing, *Miss Thornton*, 2-4; *Miss Patt* 3; *Miss Schuneman* 1. 2nd Drawing, *Miss Patt* 1-2.

COMMERCIAL.—1st Penmanship, *Mr. Cummins* 1-3. 1st Book-keeping, *Mr. Cummins* 2.

MUSIC. 1st Vocal Music, *Mr. Fullerton* 3; *Miss Stenwall* 5;
 —————1. 2nd Vocal Music, *Miss Stenwall* 4; ———
 —————2-3.

HOME ECONOMICS. Sewing, *Miss Heinz* 8:00 to 8:55. Elementary Food Theory and Laboratory Cooking, *Miss Townsend* and *Miss Heinz* (Tuesday, Thursday), 1:15 to 3:20.

PHYSICAL TRAINING.

1st term Physical Training.

Miss Hussey (Tuesday, Thursday) 6.

Miss Hallingby (Monday, Wednesday) 7.

2nd term Physical Training.

Miss Hussey (Monday, Wednesday) 5.

Miss Hallingby (Tuesday, Thursday) 6

Miss Samson (Monday, Wednesday) 4-6.
 (Tuesday, Thursday) 7.

3rd term Physical Training.

Miss Hallingby (Monday, Wednesday) 4.

Miss Samson (Monday, Wednesday) 7.

2nd term Primary Physical Training.

Miss Hussey (Daily) 4.

Miss Hallingby (Daily) 5.

Swimming.

Mr. Pasini (Tuesday, Thursday) 6-7.

Rythm.

Miss Hallingby (Monday, Wednesday) 6.

(Tuesday, Thursday) 7.

Games.

Miss Hallingby (Tuesday, Thursday) 4.

Advanced Games.

Miss Hussey (Monday, Wednesday) 6.

Miss Samson (Monday, Wednesday) 5.

(Tuesday, Thursday) 6.

Basketball.

Miss Samson (Tuesday, Thursday) 3-4.

Gilbert Work.

Miss Hussey (Tuesday, Thursday) 7.*

Medical Gymnastics.

Miss Hussey (Monday, Wednesday) 7.*

First Year Gymnastics.

Mr. Pasini (Monday, Wednesday, Friday) 4-6.

Second Year Gymnastics.

Mr. Pasini (Monday, Wednesday, Friday) 7.

Advanced Gymnastics.

Mr. Seymour (Tuesday, Thursday) 7.*

Gymnastic Dancing.

Mr. Seymour (Tuesday, Thursday) 6.*

Indoor Games.

Mr. Pasini (Tuesday, Thursday) 4.

Basketball Squad.

Mr. Pasini (Daily) 8.

*Required of Juniors and Seniors of Physical Education Department.

SPRING TERM.

COLLEGE COURSE.

PROFESSIONAL INSTRUCTION IN EDUCATION.—I. 1st Psychology, *Mr. Samson* 1-4. II. 2nd Psychology, *Mr. Samson* 2-5. III. School Management, *Mr. Colgrove* 1-2-3; *Miss Buck* 4. IV. History of Education, *Mr. Walters* 1-3-4. V. Philosophy of Education, *Mr. Walters* 2. VII. Experimental Psychology, *Mr. Mount* 5. VII. School Supervision, *Mr. Dick* 4. X. Lecture Course on Genetic, Social, and Sex Psychology, ($\frac{1}{2}$ credit), *Mr. Colgrove* 7.

ENGLISH. (a) *Language and Literature*. I. Rhetoric, *Mr. Gist* 1-5; *Mr. Lynch* 5. II. (a) English Literature, *Mr. Lynch* 4; *Miss Carpenter* 1-3. (b) English Literature, *Miss Lambert* 3. III. Shakespeare, *Mr. Gist* 2. VIII. Anglo Saxon and Middle English, *Mr. Gist* 4. IX. Literary Criticism, *Miss Carpenter* 4. X. The Development of the English Novel, *Miss Lodge* 5. XI. English of the Nineteenth Century, *Miss Lambert* 1. XIII. Teaching English, *Mr. Lynch* 2. XIV. American Literature, *Miss Lambert* 4. (b) *Elocution and Public Speaking*. XVI. Elocution II., *Miss Martin* 2; ————— 2. XXI. Principles of Expression, *Miss Martin* 1. XXII. Public Speaking I., *Mr. Barnes* 2. XXIII. Public Speaking II., *Mr. Barnes* 3.

LATIN AND GREEK. (1) *Latin*. III. Horace, Epodes and Odes, *Mr. Merchant* 1-3. VI. Latin Composition (Tuesday, Thursday), *Mr. Merchant* 2. IX. Cicero's Letters (Monday, Wednesday, Friday), *Mr. Merchant* 2. XII. Historical Latin Grammar (Monday, Wednesday, Friday), *Mr. Merchant* 5. XV. Senior Electiv (Tuesday, Thursday), *Mr. Merchant* 5. XVIII. (a) Elementary Latin (Cicero), *Miss Call* 3; (b) Elementary Latin (Vergil), *Miss Call* 1. (2) *Greek*. III. Anabasis (Monday, Wednesday, Friday), *Miss Call* 2.

GERMAN AND FRENCH.—(1) *German*. 1. Grammar, *Miss Lorenz* 2. III. Immeasee and Hoeher als die Kirche, *Miss Lorenz* 3. IV. Die Journalisten, *Miss Lorenz* 5. V. Wilhelm Tell, ————— 4. VI. Prose Composition, *Mr. Knoepfler* 4. IX. Iphigenie auf Tauris and Die Braut von Messina, *Miss Lorenz* 1. XII. Classics, *Mr. Knoepfler* 2. (2) *French*. III. L'Abbe Constantin, Le Voyage de Monsieur Perrichon, *Mr. Knoepfler* 1. VI. Novels, Stories, etc., *Mr. Knoepfler* 3.

MATHEMATICS. I. Solid Geometry (for High School Grad-

uates), *Mr. Wright* 4; Solid Geometry, *Mr. Wright* 5. II. College Algebra, *Mr. Condit* 2. III. Plane Trigonometry, *Mr. Cory* 1. IV. Spherical Trigonometry and Surveying, *Mr. Condit* 5. V. History and Teaching of Mathematics, *Mr. Wright* 3. VIII. Integral Calculus, *Mr. Condit* 1.

CHEMISTRY.—I. General Inorganic, *Mr. Bond* 1. II. General Inorganic, *Mr. Bond* 4. III. IV. Qualitativ Analysis, *Mr. Bond* 3. V. VI. Quantitativ Analysis, *Mr. Getchell* 5-6. VII. Special Methods in Quantitativ Analysis, *Mr. Getchell* 1. X. Food Analysis, *Mr. Getchell* 3.

PHYSICS.—I. Mechanics of Solids and Fluids, *Mr. Begeman* 3. III. Heat, Electricity and Magnetism, *Mr. Begeman* 5.

NATURAL SCIENCE.—II. Botany I., *Mr. Newton* 1-2 (Laboratory work, Tuesday, Friday, 3-5). V. Zoology II., *Mr. Arey* 3. VIII. Geology II., *Mr. Cable* 2. X. Astronomy, *Mr. Cable* 4. XI. Commercial Geography of North America, *Miss Aitchison* 5.

HISTORY.—II. English, *Miss Rice* 1. VI. Modern, *Miss Riggs* 2. VIII. 19th Century, *Miss Riggs* 4.

GOVERNMENT. I. American Government, *Mr. Meyerholz* 5. V. Modern European Governments, *Mr. Meyerholz* 1. VII. Constitutional Law, *Mr. Meyerholz* 3.

ECONOMICS. I. General Economics, *Mr. McKitrick* 5. II. Economic and Social Problems, *Mr. McKitrick* 1. VI. Industrial Corporations, *Mr. McKitrick* 2.

DRAWING. IV. History of Painting, *Miss Thornton* 1.

MANUAL TRAINING. III. Organization and Economics of Manual Training, *Mr. Bailey* 2.

JUNIOR COLLEGE COURSES.

PROFESSIONAL INSTRUCTION IN EDUCATION. 1st Psychology, *Mr. Mount* 1-2. 2nd Psychology, *Mr. Mount* 4. 1st Primary Methods, *Miss McGovern* 4. 3rd Primary Methods, *Miss McGovern* 1-2-3.

TRAINING IN TEACHING. Observation in Training School (Primary), *Miss Hatcher* 2. Primary Theory (for Kindergarten Students), *Miss Hatcher* 5. Primary Criticism, *Miss Hatcher* 6. Kindergarten Theory and Observation (for Primary Students), *Miss Ward* 2. Kindergarten Theory (Senior), *Miss Ward* 4. Kindergarten Practis, *Miss Dowdell* 2-3.

MATHEMATICS. Commercial Arithmetic, *Mr. Condit* 3.

NATURAL SCIENCE. Structural Botany, *Mr. Arey* 1. Nature Study, *Mr. Arey* 2.

DRAWING. History of Painting, *Miss Thornton* 1. Supervision in Art, *Miss Thornton* 2. Design, *Miss Patt* 4. 3rd Primary Drawing, *Miss Schuneman* 1-4-5. Still Life, *Miss Thornton* 3; *Miss Patt* 2. Perspectiv, *Miss Thornton* 4; *Miss Patt* 3-5; *Miss Schuneman* 2.

COMMERCIAL. Advanced Penmanship, *Mr. Cummins* 4. 2nd Bookkeeping, *Mr. Cummins* 3. 3rd Bookkeeping, *Mr. Cummins* 1. Commercial Law, *Mr. Coffey* 1. 2nd Shorthand, *Mr. Coffey* 2. 3rd Shorthand, *Mr. Coffey* 3. Typewriting, *Mr. Coffey* 4.

MUSIC. 3rd Music, (a) Harmony (Tuesday, Thursday), *Mr. Fullerton*; (b) Sightsinging (Monday, Wednesday, Friday), *Miss Stenwall* 3. 4th Music, (a) Sightsinging and Methods (Monday, Wednesday, Thursday), *Miss Stenwall*; (b) History (Tuesday, Friday), *Miss Childs* 1. 5th Music, *Mr. Fullerton* 2. 6th Music, (a) Harmony (Tuesday, Friday), *Mr. Fullerton*; (b) Methods (Wednesday), *Miss Stenwall*; (c) History (Monday, Thursday), *Miss Childs* 4. 9th Music, (a) Supervision (Wednesday, Friday), *Mr. Fullerton*; (b) Harmony (Monday, Thursday), *Mr. Frampton*; (c) Theory (Tuesday), *Miss Stenwall* 1.

PHYSICAL EDUCATION. Physiology of Exercise, *Mr. Seymour* 3. Hygiene, *Mr. Pasini* 4. Medical Gymnastics and Massage, *Mr. Seymour* 4. History and Literature of Physical Training, *Mr. Seymour* 5.

MANUAL TRAINING. Organization and Economics of Manual Training, *Mr. Bailey* 2. Sheet Metal Work, *Mr. Bailey* 3. 1st Mechanical Drawing, *Mr. Bailey* 1. Advanced Mechanical Drawing, *Mr. Bailey* 5. 1st Bench Work, *Mr. Brown* 2. Advanced Bench Work, *Mr. Brown* 4-5. Wood Turning, *Mr. Brown* 4-5. Individual Work in the Shop, *Mr. Brown* 6-7. Elementary Handwork, *Mrs. McMahon* 1. Primary Handwork, *Mrs. McMahon* 2-4-5.

HOME ECONOMICS. 3rd Sewing, *Miss Heinz* 8:00 to 8:55 and 8:55 to 9:50. Principles of the Selection and Preparation of Foods, *Miss Townsend* (Monday, Wednesday), 1:30 to 2:25. Elementary Food Theory, *Miss Townsend* and *Miss Heinz* (Monday, Wednesday), 2:25 to 5:00. Demonstrations, *Miss Townsend* (Tuesday, Thursday), 3:30 to 5:30. Methods, Home Economics, *Miss Townsend* (Friday), 1:30 to 2:25. Household Management, *Miss Townsend* (Tuesday, Thursday, Friday), 11:15 to 12:10.

COUNTY AND STATE CERTIFICATE COURSES.

PROFESSIONAL INSTRUCTION IN EDUCATION. Didactics, *Miss Buck* 2. Methods, *Miss Buck* 5. Principles of Education, *Mr. Dick* 3.

ENGLISH. (a) *Language and Literature*. Orthography, *Miss Oliver* 1-2. 1st half English Grammar, *Miss Gregg* 3; ———— 1. 2nd half English Grammar, *Miss Hearst* 2-3. Complete English Grammar, *Miss Gregg* 4-5. 1st half English Composition, *Miss Lodge* 1. 2nd half English Composition, *Miss Gregg* 2. Complete English Composition, *Miss Lodge* 4. 1st English Classics, *Miss Oliver* 4. 2nd English Classics, *Miss Hearst* 5. American Literature, *Miss Hearst* 1. (b) *Elocution and Public Speaking*. Reading, *Miss Falkler* 2. Elocution, *Miss Falkler* 1-3-4; ———— 5.

LATIN AND GREEK. *Latin*. 1st Caesar, *Miss Call* 4. 2nd Cicero, ———— 3.

GERMAN AND FRENCH. *German*. 2nd German, ———— 5.

MATHEMATICS. 1st half Arithmetic, *Miss Seals* 4; *Miss Lambert* 3. 2nd half Arithmetic, *Mr. Cory* 2-5. Complete Arithmetic, *Miss Lambert* 2. 1st Algebra, *Miss Seals* 5. 2nd Algebra, *Miss Seals* 1. Two term Algebra, *Miss Lambert* 1. 3rd Algebra, *Miss Seals* 3; *Miss Lambert* 5. Beginning Geometry, *Mr. Cory* 4. Middle Geometry, *Mr. Wright* 2. Solid Geometry, *Mr. Wright* 5.

PHYSICS. 1st Physics, *Mr. Hersey* 1-3. 2nd Physics, *Mr. Hersey* 5; *Mr. Kadesch* 2. 3rd Physics, *Mr. Kadesch* 1-4.

NATURAL SCIENCE. 1st half Geography, *Miss Aitchison* 2. 2nd half Geography, *Miss Aitchison* 1. Complete Geography, *Miss Aitchison* 3. Physiology, *Mr. Newton* 4. Physiography, *Mr. Cable* 3-5. General Botany, *Mr. Newton* 1-2.

HISTORY. 1st half U. S. History, *Miss Rice* 3; *Mr. Peterson* 1. 2nd half U. S. History, *Miss Rice* 2. Complete U. S. History, *Miss Riggs* 1. 1st General History, *Miss Rice* 4. 2nd General History, *Miss Riggs* 3.

GOVERNMENT. Iowa and U. S. Civics (Review), *Mr. Meyerholz* 2. Iowa History and Civics, *Mr. Peterson* 5. U. S. Civics, *Mr. Peterson* 3.

ECONOMICS. Elementary Economics, *Mr. McKittrick* 3; *Mr. Peterson* 4.

DRAWING. 1st Drawing, *Miss Thornton* 3; *Miss Patt* 2. 2nd Drawing, *Miss Thornton* 4; *Miss Patt* 3-5; *Miss Schuneman* 2.

COMMERCIAL. 1st Penmanship, *Mr. Cummins* 1-3; *Mr. Coffey* 5. 1st Bookkeeping, *Mr. Cummins* 2.

MUSIC. 1st Vocal Music, ————— 1-2. 2nd Vocal Music, *Miss Stenwall* and ————— 3; *Miss Stenwall* 5.

HOME ECONOMICS. Sewing, *Miss Heinz* 10:20 to 11:15. Elementary Food Theory and Laboratory Cooking, *Miss Townsend* (Tuesday, Thursday), 1:15 to 3:20.

PHYSICAL TRAINING.

1st term Physical Training.

Miss Hussey (Tuesday, Thursday) 5.

2nd term Physical Training.

Miss Hallingby (Tuesday, Thursday) 5-7.

3rd term Physical Training.

Miss Hussey (Monday, Wednesday) 6.

Miss Hallingby (Tuesday, Thursday) 6.

Miss Samson (Monday, Wednesday) 5.

(Tuesday, Thursday) 7.

Swimming.

Mr. Pasini (Tuesday, Thursday) 5-6.

Miss Hussey (Monday, Wednesday) 3-5.

(Tuesday, Thursday) 3.

Miss Hallingby (Tuesday, Thursday) 4.

(Monday, Wednesday) 7.

Miss Samson (Monday, Wednesday) 4-6.

Tennis.

Mr. Pasini (Monday, Wednesday, Friday) 5

Miss Hallingby (Monday, Wednesday) 3-4.

Miss Samson (Tuesday, Thursday) 3-5-6.

(Monday, Wednesday) 7.

Rythm.

Miss Hallingby (Monday, Wednesday) 6.

Advanced Rythm.

Miss Hussey (Tuesday, Thursday) 7.

Advanced Gymnastics.

Miss Hussey (Monday, Wednesday) 7.*

Athletics.

Miss Hallingby (Monday, Wednesday) 5.

Miss Samson (Tuesday, Thursday) 4.

Medical Gymnastics.

Miss Hussey (Tuesday, Thursday) 7.*

Track Athletics.

Mr. Seymour (Monday, Wednesday, Friday) 6.

Track Squad.

Mr. Seymour (Daily) 7-8.*

Baseball.

Mr. Pasini (Monday, Wednesday, Friday) 6.

Baseball Squad.

Mr. Pasini (Daily) 7-8.*

*Required of Juniors and Seniors of Physical Education Department.