1908

Western Normal School Bulletin v4 n3: Summer Term 1908

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SUMMER TERM

OF THE

Western
State Normal School

KALAMAZOO
MICHIGAN

Monday, June 29, to Friday, August 7
1908
Faculty of the Summer School.

D. B. WALDO, A. M., Principal.

JOHN T. McMANIS, Ph. D., Education.
MARY LOWELL, A. M., English Language and Literature.
ALICE MARSH, B. S., English Grammar and Composition.
CHRISTINE KECK, Sigsbee School, Grand Rapids, American Literature and Literature for Grades.
MARY M. MASTER, Expression.
L. H. WOOD, A. M., Geography.
H. D. LEE, Principal High School, St. Joseph, Geography.
ELISABETH T. ZIMMERMAN, A. B., German.
MAUDE PARSONS, A. B., Latin.
DAISY LONGWELL, A. B., History.
R. R. N. GOULD, A. B., Principal High School, Kalamazoo, History.
W. E. CONKLING, Superintendent of Schools, Dowagiac, Civics.
LUCY GAGE, Kindergarten.
ESTHER BRALEY, A. B., Library Methods.
GEORGE S. WAITE,
Manual Training.

Manual Training.

FLORENCE PRAY, B. S.,
Domestic Science and Domestic Art.

JOHN E. FOX,
Mathematics.

PAUL HICKEY, A. B., Principal High School, Battle Creek.
Mathematics.

EMELIE TOWNSEND, B. S., Teachers’ College, Columbia University.
Arithmetic.

* FLORENCE MARSH,
Public School Music.

ALICE SPENCER DENNIS, Detroit Conservatory, Detroit,
Public School Music.

BERTHA SHEAN,
Public School Music.

Botany and Nature Study.

EVA WARRINER, Director County Normal, Marshall,
Physiology and Orthography.

WILLIAM H. SPAULDING, A. B.,
Director of Athletics.

MATIE LEE JONES,
Physical Training.

*WILLIAM McCracken, Ph. D.,
Physics and Chemistry.

EARL N. WORTH, A. B.,
Physics and Chemistry.

*EMELIA M. GOLDSWORTHY,
Public School Art.

JANETTE REITLER,
Public School Art.
WESTERN STATE NORMAL SCHOOL.

ERNEST BURNHAM, A. M.,
Director Rural School Department.

IDA M. DENSMORE,
Director Training School.

EDITH C. BARNUM, Horace Mann School, Teachers' College.
Training School, First Grade.

AMELIA ANDERSON,
Training School, Second Grade.

NELLIE M'CONNELL,
Training School, Third Grade.

LAVINA SPINDLER,
Training School, Fifth Grade.

KATE I. SMITH,
Training School, Sixth Grade.

KATHERINE NEWTON,
Secretary.

KATHERINE SHEAN,
Assistant Secretary.

* On leave of absence for summer term.
Summer Term of the Western State Normal School.

The fifth annual summer term of the Western State Normal School will open June 29 and continue six weeks, closing August 7. Students will be enrolled and classified on Monday, June 29, and classes in all departments will begin recitations on Tuesday, June 30. Nearly all of the regular instructors of the Normal School will remain in residence during the summer term, and will be assisted by a number of outside teachers, selected for their efficiency in special lines of work.

LOCATION

The Western State Normal School is located at Kalamazoo, the County Seat of Kalamazoo County, in the heart of Southwestern Michigan. In beauty, in accessibility, in general educational advantages, this thriving city of forty thousand inhabitants affords an ideal location for the school.

Kalamazoo is at the intersection of the great lines of travel in Western Michigan. It is the half-way point between Detroit and Chicago on the main line of the Michigan Central Railway, which is here crossed by the Grand Rapids and Indiana, the Lake Shore and Michigan Southern, and the Chicago, Kalamazoo and Saginaw railroads, all running north and south. It is the eastern terminus of the South Haven branch of the Michigan Central which gives excellent connections with Chicago by boat. It is also the eastern terminus of the Kalamazoo, Lake Shore and Chicago railroad. The electric lines of the Michigan Traction Company give trolley connection with the eastern part of the State via Battle Creek and Jackson. On the various steam railways more than fifty trains arrive and depart daily, giving excellent connections with the surrounding territory.

The advantages of Kalamazoo as a place of residence are unquestioned. The city is beautiful in situation and is well kept. The climate is healthful, the water supply excellent and the sanitary conditions are unusually good. Situated in the center of a fine farming country, it is itself widely known for its diversified industries.
WESTERN STATE NORMAL SCHOOL.

PURPOSE OF THE SCHOOL.

The fundamental purpose of the Normal is the training of students who expect to teach in our public school system, and the further training of those now teaching who desire better preparation for their professional duties. The course of study, the methods of teaching, and the spirit of the school are largely determined by this special purpose. As an important part of the equipment of grade teachers there is no substitute for the work accomplished in the better class of normal schools. At the Western Normal no reasonable effort will be spared to secure the best results in professional training. As far as practicable, the personal needs of each student will be taken into consideration. Character, scholarship, teaching efficiency and true professional spirit, are all emphasized. It is the firm purpose of the administration to maintain the strongest possible corps of teachers, as the example of efficient teaching is one of the best things that can be offered the student of a Normal.

During the summer term special attention will be given to those who are already teaching. Courses of study, plans of work, methods of instructions, will be shaped to the needs of teachers now engaged in the profession.

BUILDINGS

The classes in the regular certificate courses will meet as heretofore in the Normal building. This structure contains in addition to the administration offices, fourteen class rooms, an assembly room and laboratory facilities for work in biological and physical sciences. The site occupied by the building is already well known for the panoramic view afforded of Kalamazoo City and the Kalamazoo River valley.

An important addition to the administration building has just been completed in which are located the new rooms for cooking and sewing, several additional recitation rooms and a large reading room which doubles the capacity of the Library. All classes in Domestic Science and Domestic Art will be transferred to the new quarters at the opening of the summer term.

The sessions of the training school will be held in the new Vine Street building, which serves as the home of this department of the Normal. This building, which is near
the Normal grounds, is 185 feet long, 96 feet wide, and contains twenty large-sized class rooms, besides four recitation rooms, and an auditorium having a seating capacity of eight hundred people. The latest and best ideas have prevailed in the heating, lighting and ventilating arrangements of the building, and the structure is regarded as a model of its kind.

All shop work in the department of Manual Training will be conducted as heretofore in the Manual Training building of the Kalamazoo public schools. Review classes will meet for recitations in the rooms of the High School and Vine Street buildings which are adjacent to the Manual Training building.

The new gymnasium, which is now being used, is one of the best planned and best equipped structures of its kind to be found among the normal schools and colleges of the Northwest Territory. The main room is 119 feet long and 68 feet wide, the floor being entirely clear of posts or obstructions of any kind. The running track, 12 feet above the main floor, is suspended from the structural steel supporting the roof. The track is 9½ feet in width and has sloping sides and ends as well as raised corners. In the basement are shower baths for both men and women and a swimming pool 52 feet long. It has also a baseball cage for use in cold and stormy weather. All classes in public school gymnastics will meet in the gymnasium.

NEW EQUIPMENT

The library has developed rapidly during the past year and by the opening of the summer term will number 5000 volumes, constituting one of the best selected and best arranged libraries in the state.

Large accession of books will be added during the summer term and all students of the Normal School are permitted to use the Kalamazoo City Library which numbers 38,000 volumes.

In the department of physics and chemistry extensive additions of apparatus have been made during the year and the facilities for effective work in biology have been largely increased. The working equipment in the department of geography has also been greatly enlarged. Altogether an expenditure of $2000 has been made during the past year for material and apparatus in the departments of science.
WESTERN STATE NORMAL SCHOOL.

The gymnasium, which is the best building of its kind among the normal schools of the West is being provided with a splendid equipment of up-to-date apparatus for physical training.

Additional expenditures to the amount of $1500 have been made during the year in the departments of manual training and domestic science.

The capacity of the art department has recently been doubled and a large collection of high grade pictures has just been added.

THE NEW RAILROAD

Students having recitations at the Normal building will be afforded free transportation on the new two track railway belonging to the Normal School. Two cars will be in operation daily during the entire summer, thus removing all objections on the part of those who are averse to hill climbing.

FEES AND LIVING EXPENSES

No tuition fee will be collected from students who are enrolled in the Rural School department.

Students and teachers in the Graded School Course, Life Certificate Course and in all special courses, will pay a fee of three dollars for the term. This fee admits to all classes.

No charge is made for the special lecture courses offered during the summer term. A fee of twenty-five cents is collected for the support of outdoor athletics.

Board in clubs costs from $2.15 to $2.50 per week, and rooms conveniently located and suitably furnished may be obtained at a cost ranging in price from 50 cents to $1.00 per week for each student. The total expense for the summer term should not exceed $25.00.

CREDIT

Credits applying on the certificate courses may be earned in any of the subjects regularly required. Twenty-four weeks (one-half of a full term's credit) is made the maximum credit for any student during the summer term. Classes reciting daily ordinarily earn six weeks' credit, while those reciting twice each day may earn twelve weeks' credit. Review classes are not credited on the certificate courses except in the Rural School department.
DEMAND FOR TEACHERS

There is an increasing demand for trained teachers throughout the state and in the country at large. The trend of salaries is upward and teaching is nearer a profession than ever before. Graduates of the Western Normal are in great demand and much care is exercised in placing students of the school where the likelihood of success and the opportunity to serve are greatest.

The city of Kalamazoo affords many opportunities for remunerative employment both for young men and young women. Students desiring work with a view to lessening the expense of attending school are assisted in securing employment of various kinds.

ATHLETICS AND SOCIAL FEATURES

Due attention will be given to various forms of athletics during the summer term. Baseball will be under the direction of the regular athletic director of the school and games will be scheduled with teams in the city league during the summer term. Tennis will be a prominent feature of athletics for men and women during the summer. Six tennis courts will be at the disposal of students and attention will also be given to other outdoor games and sports that may be used in public schools.

As in former years a social committee selected from the faculty, will provide special features of entertainment with a view to securing a variety of interests and affording opportunities for extending acquaintanceship among the students.

Social gatherings similar to those of last summer which will be so pleasantly remembered by all students who were in attendance will be included in the general program which has been planned for the enjoyment of members of the summer school.

COURSES OFFERED

The work offered in the summer term is as follows:
1. Regular Certificate Courses.
2. Review Courses.
4. Lectures.
WESTERN STATE NORMAL SCHOOL.

REGULAR CERTIFICATE COURSES

A large number of classes will be formed in the branches included in the regular certificate courses. Several of these classes in the Life Certificate and Graded Certificate groups will meet twice daily, thus enabling a student to cover the work of two twelve-weeks studies during the summer term. Classes will be formed in a wide variety of subjects in the departments of Psychology and Education, English Language and Literature, Expression, Geography, Science, Mathematics, History and Civics, German and Latin, Drawing, Music, Manual Training, Domestic Economy and Physical Training.

Courses will also be offered in Kindergarten Theory, and Library Methods.

REVIEW COURSES

Review classes will be formed in all of the common school branches. These classes will be of special benefit to students and teachers who are preparing for the county examinations to be held in August. Opportunity will be offered for reviewing subjects included in the first, second and third grade examinations. There will be no summer schools or institutes this year in the counties near Kalamazoo, and all teachers are urged to take advantage of the unusual privileges offered at the Western Normal. Credits earned during the six weeks' term are recorded, and in some subjects apply on certificate courses. There will be thorough reviews, and in addition courses will be so arranged in many subjects that students attending two or more summer terms may pursue work in a given study without duplicating subject matter.

The subjects in which review courses will be offered are Physiology, United States History, Civil Government, Grammar, Arithmetic, Geography, Reading, Orthography, Theory and Art of Teaching, School Law, Course of Study, Algebra, Botany, General History, Physics and Geometry.

NORMAL EXTENSION COURSE

The Western Normal offers an Extension Course for experienced teachers who are unable to attend the institution during the regular school year. This course has been in oper-
SUMMER BULLETIN.

ation during the past three years, and is open to selected teachers who have taught successfully and who have previously graduated from approved twelve-grade schools. For teachers planning to secure the Life Certificate, residence will be required at the Normal during three summer terms. The course also includes work to be carried "in absentia" under direction of members of the Normal School faculty, during a minimum period of two years. The Extension Course is open to a limited number of mature persons, and will, it is confidently believed, prove of great service in promoting the growth of the teachers for whom it is intended.

LECTURES

As heretofore the Normal will offer unusual privileges this summer in the way of lecture courses by distinguished educators. One prominent lecturer will be at the school during each week of the term, and the discussions will be along the lines that are of interest to progressive teachers.

It has been decided to limit the number of lecture days each week, thereby leaving three or four afternoons open to field work and recreation including tennis and baseball. Hours have been carefully arranged for the lecture courses so as to avoid conflict with classes and other important features of the summer school. The educators named below have already been engaged for the summer term:

**Wednesday, July 1**  
Samuel C. Schmucker, Ph.D. of West Chester, Pa., will deliver two lectures on the general subject of nature study. Dr. Schmucker it will be remembered delivered a brilliant address at the State Teachers' Meeting at Battle Creek last October and he will meet with an enthusiastic welcome on his return to Michigan this summer. He is one of the most forceful and interesting lecturers of the entire country in his chosen field.

**Wednesday, July 8**  
Professor James R. Angell of the University of Chicago, whose addresses met with such favor last year, will return to the Western Normal this summer. His topics are "Modern Attacks on Formal Discipline" and Utility as the Criterion of Educational Values." Professor Angell is already known at Kalamazoo as one of the sanest
writers and lecturers of the middle west. He is regarded as one of the foremost of American teachers of psychology and his lectures are remarkable for their clearness, forcefulness and for the vital quality of the subject matter presented.

**Monday and Tuesday, July 13-14**

Superintendent E. C. Warriner of Saginaw, Michigan, will deliver two lectures on the general subject of industrial schools. His topics are “The Continuation Schools of Germany” and “Some German Industrial Schools.” The lectures will be illustrated with numerous stereoptican views. Superintendent Warriner has recently been in Germany where he has made an exhaustive study of trade schools. He is one of the most thoroughly informed American educators in the lines he is to discuss.

**Wednesday, July 16**

Hon. F. G. Blair, Superintendent of Public Instruction in Illinois will deliver two addresses on educational topics. Superintendent Blair is regarded as one of the most effective educational lecturers of the middle west and is rapidly winning a national reputation. He is a strong effective speaker thoroughly in sympathy with the work of the public school teacher and his addresses will be of great profit and interest.

**Wednesday, July 29**

President E. B. Bryan of Franklin College, Indiana, the author of “The Basis of Practical Teaching,” which has been so widely read by Michigan teachers, will deliver two lectures. President Bryan is regarded as the leader of institute workers in Indiana, the state that is famous for the high quality of its educational gatherings. President Bryan recently delivered three lectures at the Kalamazoo county institute and his addresses were regarded by all who heard them as among the very best that have ever been delivered in western Michigan.

Mrs. Jessie L. Gaynor of St. Joseph, Missouri, the well known writer of songs for children, will give a recital during the summer term, the date of which will be announced at the opening of the session. This will be Mrs. Gaynor’s first appearance at the Western Normal and her visit will be of great interest to the teachers of western Michigan.
## SUMMER SCHOOL—CLASS SCHEDULE.

<table>
<thead>
<tr>
<th>Time</th>
<th>Classes</th>
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</table>
| 7:10   | Advanced American History, *H. 15  
        | Composition, †N 4  
        | Elementary German, N. 2  
        | Physiography, N. 7  
        | Psychology, I, N. 1  
        | Review Algebra, H. 32  
        | Review Geography, TV. 22  
        | Teachers' Arithmetic, N. 8 |
| 9:30   | Carpentry and Joinery, M. T.  
        | Child Study, N. 1  
        | Civics Review, H. 31  
        | Composition, N. 4  
        | Elementary Cooking, N. 20  
        | Elementary Sewing, N. 19  
        | Elementary Music I, N. 16  
        | Elementary Latin, N. 11  
        | Elementary Physics, N. 13  
        | General History, N. 3  
        | General Method, N. 12  
        | Grammar Review, V. 25  
        | Kindergarten Music, N. 14  
        | Library Methods, N. 15  
        | Literature in Kindergarten Grades, N. 2  
        | Meteorology and Climatology, N. 6  
        | Nature Study, N. 7  
        | Observation in Grades, V.  
        | Observation in Kindergarten, V.  
        | Plane Geometry, N. 8  
        | Public School Art I, N. 10  
        | Public School Art II, N. 9  
        | Reading and Orthography, V. 26  
        | Review Geography, V. 22  
        | Review Arithmetic, V. 28  
        | Short Story Hour, N. 5 |

<table>
<thead>
<tr>
<th>Time</th>
<th>Classes</th>
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</thead>
</table>
| 8:00   | Advanced German, N. 2  
        | American Literature, N. 7  
        | Civics Review, H. 31  
        | College Algebra, N. 8  
        | Composition, N. 4  
        | Elementary Physics, N. 18  
        | Elements of Music II, N. 16  
        | English History, N. 3  
        | Forging, Filling and Chipping Metals, **M. T.  
        | Grammar Review, V. 25  
        | Kindergarten I, V.  
        | Manual Training, Teachers' Course M. T.  
        | Nineteenth Century History, H. 15  
        | Principles of Geography, N. 6  
        | Psychology II, N. 1  
        | Reading, N. 5  
        | Reading and Orthography, V. 26  
        | Review Geography, V. 22  
        | School Management, V. 27  
        | Trigonometry, N. 11 |
| 10:25  | Botany and Plant Ecology, N. 7  
        | Civics Review, H. 31  
        | Elementary Cooking, N. 20  
        | Elementary Latin, N. 11  
        | General Chemistry, Lab., N. 17  
        | Geographic Geology, N. 6  
        | Grammar Review, V. 25  
        | History and Education, N. 1  
        | Library Methods, N. 15  
        | Literature in Kindergarten Grades, N. 4  
        | Millinery, N. 19  
        | Observation in Grades, V.  
        | Observation in Kindergarten, V.  
        | Public School Art I, N. 10  
        | Public School Art II, N. 9  
        | Review Arithmetic, V. 28  
        | Review Geography, V. 22  
        | School Management, V. 27  
        | Solid Geometry, N. 8  
        | Teachers' Music, N. 14  
        | U. S. History Review, H. 15  
        | Voice Culture I, N. 16 |

### EXPLANATION OF LETTERS AND NUMBERS.

N stands for Normal Building  
†H stands for High School Building  
†V stands for Vine street School Bldg'g  
**M. T. stands for Manual Training Bldg'g

The number indicates the room in the building, for example:

†H 15—means High School Building, room 15  
*H 15—means High School Building, room 15  
†N 4—means Normal Building, room 4  
†V 22—means Vine Street Building, room 22  
**M. T.—means Manual Training Building
### SUMMER SCHOOL—CLASS SCHEDULE.

<table>
<thead>
<tr>
<th>Time</th>
<th>Classes</th>
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<tbody>
<tr>
<td>11:20</td>
<td>Arithmetic Review, Advanced, V. 28</td>
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<tr>
<td></td>
<td>Civics Review, H. 31</td>
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<td>General Chemistry, Lab. N. 17</td>
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<td>Kindergarten Music, N. 14</td>
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<td>Latin Composition, N. 11</td>
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<td>Mechanical Drawing, M. T.</td>
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<td>Preparatory Composition, V. 25</td>
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<td></td>
<td>Regional Geography, N. 6</td>
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<td></td>
<td>U. S. History Review, H. 15</td>
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<tr>
<td>1:30</td>
<td>Advanced American History, H. 15</td>
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<td>Advanced Cooking, N. 20</td>
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<td>Advanced Sewing, N. 19</td>
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<td>American Literature, N. 5</td>
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<td>Art III, N. 10</td>
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<td>College Algebra, N. 8</td>
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<td>Elementary Agriculture, N. 13</td>
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<td>Elementary Chemistry N. 17</td>
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<td>Extemporaneous Speaking, N. 5</td>
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<td>General History, N. 3</td>
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<td>Harmony I, N. 16</td>
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<td>Mythology, N. 4</td>
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<td>Nineteenth Century History, H. 15</td>
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<td>Physical Education, Women, Gym.</td>
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<td>Physiology Review, V. 26</td>
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<td>Psychology II, N. 1</td>
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<td></td>
<td>Review Physics, N. 18</td>
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<td>Rural School Primary Methods, V. 21</td>
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<td></td>
<td>Teachers' Course in German, N. 2</td>
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<tr>
<td>2:25</td>
<td>Teachers' Course in Grammar, V. 25</td>
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<tr>
<td></td>
<td>U. S. History, Review, H. 31</td>
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<td></td>
<td>Wood Turning and Pattern Making M. T.</td>
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<td></td>
<td>Arithmetic Review, Advanced, V. 28</td>
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<td>Civics Review, H. 31</td>
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<td></td>
<td>General Chemistry, Lab. N. 17</td>
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<td>Latin Composition, N. 11</td>
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<td>Regional Geography, N. 6</td>
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<td></td>
<td>U. S. History Review, H. 15</td>
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<td>3:20</td>
<td>Advanced American History, H. 15</td>
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<td></td>
<td>General Method, N. 12</td>
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<td></td>
<td>Laboratory Physics, N. 18</td>
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<td>Minerals and Rocks, N. 6</td>
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<td>Nature Study, N. 7</td>
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<td>Physical Education, Women, Gym.</td>
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<td>Physiology Review, V. 26</td>
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<td></td>
<td>Shakespearian Reading, N. 5</td>
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</table>

*The Physical Director for men will promote and manage track and field athletics.*
Details of Courses

ENGLISH

1. English Literature. This course will include a critical analysis of a selected group of masterpieces typical of important movements in English Literature and a careful study of the biographical and historical back-grounds of each. 6 weeks credit MISS LOWELL.

2. American Literature. A study of representative American writers of the different periods, with a view to discovering the development of ideas in American literature, and the relation of these to American and English history. A course in American history is required as preliminary. 6 weeks credit. MISS KECK.

3. Literature in the Elementary Grades. This course will include a study of legends and myths; folk and fairy stories and children's poetry. Literature as a means of forming right ideals of living, literature for the sake of enjoyment and literature for the purpose of enriching other subjects of the curriculum, will be discussed. Lists of stories and poems will be compiled. Methods will be illustrated by means of children's classes. 6 weeks credit. MISS KECK.

4. Mythology. A study of myth, fairy tale and folk-lore, especially of the classic and Teutonic peoples, including discussions with reference to comparison and theories of origin. Required reading in literature embodying these myths, selected on the basis of adaption for grade use. Recommended to those intending either to teach in primary grades, or to specialize in English or Latin. 6 weeks credit. MISS LOWELL.

5. Composition. The aim of this course is facility and correctness in written expression, and to that end the work will consist of daily papers, discussion and personal interviews. This course is designed for those who are teaching composition and will be credited toward the prescribed course in composition. 6 weeks credit. MISS LOWELL.

6. Grammar, Teachers' Course. This course embraces:

(a) Rapid academic review of the subject.
(b) Comparative study of texts, using Whitney's "Essentials of English Grammar" as a basis.
(c) Discussion of methods of teaching grammar in grades below the high school. 6 weeks credit.

MISS ALICE MARSH.

Review Courses

7. Preparatory Grammar. The purpose of this course is a thorough review for those who are making preparation for the county examinations. It is not accepted as credit for the course in Grammar. The topics announced for the August examination will be emphasized.

MISS ALICE MARSH.

8. Preparatory Composition. The elements of composition are treated under both form and content. The course deals with punctuation, word usage, paragraph and sentence structure and business and social forms in letter-writing. Daily practice is afforded in both oral and written composition.

MISS ALICE MARSH.

EXPRESSION

1. Reading I. This course aims to give the student an enlarged vocabulary, correct pronunciation and distinct and accurate enunciation. A study of the elements of vocal expression, a discussion of the relation of reading to literature, force pitch, time and quality, preparation and reading of classic selections. 6 weeks credit.

MISS MASTER.

2. Shakespearean Reading. A study of the principles of dramatic structure, of plots and of characters and the application of these principles to three Shakespearean dramas. Vocal interpretation of the greatest passages will be studied. 6 weeks credit.

MISS MASTER.

3. Extemporaneous Speaking. The aim of this course is to prepare students by daily drill for logical, forceful thought and expression. No preparation required.

MISS MASTER.

4. Short Story Hour. This hour has as its aim instructive recreation. The instructor will read short stories, essays and poems from modern standard authors, thereby aiming to suggest a taste and appreciation of modern literature.

MISS MASTER.
SUMMER BULLETIN.

Review Courses

5. Reading and Orthography. This course will include the critical reading of the following classic, which will form the basis for the county teachers' examinations in August and October of this year: Milton's "Comus."

In the practice reading, the fundamentals, time, pitch, force, and quality will be illustrated and explained. A thorough study of elementary sounds and diacritical marking will also be made.

MISS WARRINER.

GEOGRAPHY

1. Meteorology and Climatology. In this course, which is an integral part of the work in general geography offered by the department, the chief emphasis is placed upon the distribution of those climatic elements that condition the distribution of life on the earth. 6 weeks credit. MR. WOOD.

2. Geographic Geology. Study of the origin and distribution of the various land forms of the earth surface, and like course 1, is an integral part of the course in general Geography. In this course the various relief forms are studied by means of topographic maps and chalk modeling in connection with them. The course also includes a brief study of the chief rocks, minerals, and rock weathering. 6 weeks credit. MR. WOOD.

3. Principles of Geography. This course should follow course 1 and 2, since the work consists of the study of the distribution of life forms—in relation to climate and to the relief of the land. The study covers the more general life zones and regions of the earth. 6 weeks credit. MR. WOOD.

4. Regional Geography. A study of the leading nations of Europe and of North America in a comparative way, emphasis being placed upon the commercial and industrial development. 6 weeks credit. MR. WOOD.

Note. These four courses cover the required work of the life course. Students of the graded school course desiring but one term of geography should take course 1 on Climate and course 4 on Regional Geography.

5. Minerals and Rocks. This is a nature study course given partly in the laboratory and partly in the field. Excursions will
be made either between 4:10 and 6 o’clock or on Saturday mornings. Students who plan to take this work should bring all the rocks and minerals with them that they may have at home. 6 weeks credit.

6. Physiography. Beginning course. This course will qualify the student to enter either the second term work of the rural school course in geography or to take the advanced physiography offered in the Life Certificate course. See courses 1 and 2 offered above. 12 weeks credit. MR. WOOD.

Review Courses

7. Review Geography. This review course is planned to prepare for the examinations in August and October. The topics announced by the Department of Public Instruction will be used as a basis for the work. MR. LEE.

GERMAN

1. Elementary Course. Twice daily. The aim of this course is to give the student a thorough knowledge of the rudiments of German grammar, which will enable him to read easy German texts, a number of which will be read and discussed in German, thus giving practice in speaking the language. 12 weeks credit. MISS ZIMMERMAN.

2. Advanced Course. The study of some modern drama or prose narrative, to be selected to meet the needs of the class. A review of German Grammar and practice in speaking and writing the language. This course is designed primarily for those who teach German in high schools. 6 weeks credit. MISS ZIMMERMAN.

3. Teachers’ Course. This will be primarily a course in German conversation especially designed for those who feel that their knowledge of the spoken language is inadequate for present day demands in modern language instruction. The work will consist of discussions of simple German texts and poems in German. The class will meet twice daily and students will be given an opportunity to teach. 12—18 weeks credit. MISS ZIMMERMAN.

LATIN

1. Elementary Course. The work done in this course will be equivalent to that of the first half of the regular course.
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Teachers who wish to begin the study of Latin will receive careful instruction in the hope that they may be able to complete the study of first year Latin while teaching. 12—18 weeks credit. MISS PARSONS.

2. Latin Composition. This course is designed for those who are preparing to teach Latin, and those who have taught but feel the need of added drill in writing Latin. 6 weeks credit. MISS PARSONS.

3. Classes will be formed for those desiring work in Caesar, Cicero or Virgil. These courses are designed for those who wish to continue the study of one of these authors “in absentia”, and the aim will be to give the student an insight into the life of the author, the historical background, and the method of study, which will enable him to continue the work without a teacher. 6—12 weeks credit. MISS PARSONS.

HISTORY

1. Advanced American History. Must be preceded by a good high school course in the History of the United States. Will begin with the separation of the colonies from England, taking up special periods of our history depending on the preparation of the class. Class will meet twice daily. 12 weeks credit. MR. GOULD.

2. The Nineteenth Century. A study of important historical developments in Europe. Class may meet twice daily. 6—12 weeks credit. MR. GOULD.

3. English History. Special emphasis will be laid on the growth of English institutions and social conditions. Text, Cheney’s Short History of England. 12 weeks credit. MISS LONGWELL.

4. Roman History. An advanced course designed especially for students expecting to teach Latin. One topical report will be required. Class may meet twice daily. 6—12 weeks credit. MISS LONGWELL.

Note.—One of the courses 3 and 4 will be given this summer depending upon the demand. The other course will be offered in the summer term, 1909.
WESTERN STATE NORMAL SCHOOL.

Review Courses

5. **General History.** A review course for students expecting to take the examination for second grade certificate. The class will meet twice daily. 12 weeks credit in preparatory course. MISS LONGWELL AND MR. GOULD.

6. **United States History.** A review course to meet the needs of students preparing for the August and October examinations. Four sections will be formed and a credit of 12 weeks in the Rural School course may be earned. MR. GOULD AND MISS LONGWELL.

7. **Civil Government.** This course is planned primarily for students who wish to prepare for the August and October examinations. Four sections will be formed. MR. CONKLING.

**KINDERGARTEN.**

1. **Kindergarten I.** Intended for those wishing to test their fitness for the regular course offered during the year. Students entering this course must hold a diploma from an accredited high school or its equivalent and credits will only apply on further pursuance of work offered in this department during the year. This course will consider the child, his life, interests and play activities by means of reminiscences and observation.
   
   a. Child Study Observations.
      1. Interests and powers of the child.
      2. Play activities.
   
   b. General Principles of Practice.
      1. Gifts.
      2. Occupations.
   
   c. Interactionary process between I and II.

   6 weeks credit. MISS GAGE.

2. **Kindergarten II.** This course is planned to meet a growing need of those primary and kindergarten teachers of experience who desire to further and deepen their insight into Froebel's fundamental principles in the light of modern psychology and child study. This course will be in the form of conferences for the discussion of principles and practice of elementary education. 6 weeks credit. MISS GAGE.
The kindergarten will be open to all students for practice or observation from 9 to 11 a.m. the first four weeks of the term.

**LIBRARY METHODS**

The course in Library Methods, arranged by the State Board of Library Commissioners will extend through the six weeks of the summer school. Instruction will be given daily in the form of lectures, and practical problems in connection with the Commissioners' special library. The work will cover the elementary methods of library administration, accessioning, classification, cataloguing, etc.—given with the purpose of making it possible for the teacher in charge of the school library to care for and use it in the most efficient way, rather than for the purpose of training professional librarians.

One week will be given to lectures on children's reading, and one week to work on reference books, by specialists in these branches, sent by the Library Commissioners. 6 weeks credit.

**MANUAL TRAINING.**

1. General course for superintendents and teachers of manual training in the public schools.

Development of manual training in the United States; organization of courses of study; planning of rooms and buildings; selection and purchase of tools and materials; supervision of manual training work; lectures and discussions; topical reports. 6—12 weeks credit.  

MR. WAITE.

2. **Carpentry Work and Joinery.** Instruction in use and care of woodworking tools; suitable work for students in grammar grades; construction of useful articles; visits to woodworking industries; finishing and polishing of articles in wood. 6—12 weeks credit.  

MR. HILL.

3. **Wood Turning and Pattern Making.** Instruction in use and care of lathes, tools and materials; a thorough drill in elementary wood turning; to be followed with elementary pattern making; simple, parted, cored patterns; all patterns to be molded when finished; visits to shops. 6—12 weeks credit. MR. HILL.

4. **Forging, Chipping and Filling of Metals.** Instruction in use and care of tools and materials; processes of working iron;
WESTERN STATE NORMAL SCHOOL.

drawing; forming; bending; welding. Making of steel tools; hardening; tempering; brazing; chipping and filling of metals. Observation in foundries; machine shops; steel and iron mills. 6—12 weeks credit. Mr. HILL.

5. Mechanical Drawing. Instruction in geometrical, machine and architectural drawing; drawings of benches, tables, cupboards and equipment for schools; making and tracing blue prints. 6 weeks credit. MR. HILL.

Note. Mr. Waite will be in residence during the summer and will be available for conferences with all who are specializing in manual training.

DOMESTIC SCIENCE AND ART.

1. Cooking. Elementary Course. Study of combustion and fuels. Production, manufacture and composition of materials used for food. Classification and study of food principles and effect of heat on each. Preparation of cereals, vegetables, meats, soups, bread, and other plain cooking. One two hour period given to food study and three to laboratory work each week. 6 weeks credit. MISS PRAY.

2. Cooking. Advanced Course. Fancy cooking, including pastries, desserts, etc. Serving and preparing breakfasts, luncheons and dinners. Demonstrations given by students. Dietetic value of foods. Dietaries. Four two hour periods each week. 6 weeks credit. MISS PRAY.

3. Sewing. Elementary course. Handwork for the grades. Coarse sewing, knitting, crocheting, hand sewing, which includes darning, mending, patching. Making of dolls clothes. 6—12 weeks credit. ASSISTANT.

4. Sewing. Advanced course. Machine work, including making of underwear, shirt waist and dress. 6-12 weeks credit. ASSISTANT.

5. Millinery. Facing, wiring, binding hats. Fold and bow making. 6 weeks credit. ASSISTANT.

MATHEMATICS

1. Arithmetic. A teachers' course. To elect this course the student should have a knowledge of geometry and of the beginner's course in psychology. The work consists of two parts divided as follows:

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(a) A study of the origin of number and its use. The history of the development of the subject matter of arithmetic, and past and present day methods of teaching the subject. Assigned readings and class-room discussions form a prominent part of this work.

(b) Review of some of the more difficult parts of arithmetic. Lyman's Advanced Arithmetic will be used as a basis for review work. 12 weeks credit. MR. FOX.

2. Plane Geometry. Designed for those preparing for teachers' examination and those desiring a review in the subject as a preparatory subject. Much attention is given to the methods of attack. MR. HICKEY.

3. Solid Geometry. Open to students who have completed plane geometry. MR. FOX.

4. Plane Trigonometry. This is equivalent to the work done during the regular session. Solution of triangles by both natural and logarithmic functions. 12 weeks credit. MR. HICKEY.

5. College Algebra. Arithmetical and geometrical progressions, theory of functions, differentiation of algebraic functions, development of functions, of logarithms, theory of equations, convergency and divergency series, permutations and combinations. 12 weeks credit. MR. FOX.

Review Courses

6. Algebra. Review course for those preparing for teachers' examination or for students who wish to review the subject as a preparatory course.

7. Arithmetic. A review for those desiring to prepare for teachers' examination. The topics announced by the State Department for the examinations in August and October will be emphasized. MISS TOWNSEND.

MUSIC

1. Elements of Music. This course pre-supposes no previous knowledge of music. It deals with the rudiments of vocal sight reading and covers what is usually included in Book One of any of the standard music courses. Ear training and some vocal culture will be included in the course, also the
making of simple original melodies. It may be eliminated by examination. 6—12 weeks. Miss Shean.

2. Elements of Music II. This course must be preceded by the previous course or its equivalent and includes ear training, some vocal culture, writing of simple original melodies, more advanced sight reading and two and three part work. It is an elective. 6—12 weeks. Miss Shean.

3. Teachers’ Course. Elements of Music I must precede this course. One hour daily will be given to ear training, sight reading, vocal culture and training in children’s songs, and one hour to training in presenting music material to the child, the care of the child-voice, the development of the music germ in the child through song, the elimination of monotone voices, supplementary music for grammar and high school grades and the general conduct of the class. 12 weeks. Mrs. Dennis.

4. Kindergarten and Primary Music. This course is a suggestive one for teachers in the primary grades as well as for specializing students. The following phases will be developed: Rhythm,—feeling for and interpretation of different rhythms through games, balls, percussion instruments, folk dances and rhythmic steps. Songs,—a sequence applicable to seasons and school festivals and taken from the best composers of children’s songs will be learned. The care of the child-voice and the presentation of these two phases to the child will also be taken up. Ability to play the rhythmic studies and accompaniments is desirable and is required from specializing students in the kindergarten and music courses. Observation may be made at the training school. 6 weeks. Mrs. Dennis.

5. Voice Culture I. This course includes both concert and individual work. Correct breathing, proper placing of the voice, clarity of tone, articulation and enunciation will be treated specifically. Some songs will be taken up for interpretation. This course is open to all students. Laboratory credit. 6 weeks. Miss Shean.

6. Harmony I. The work consists of ear work, and a study of the construction of scales, intervals and chords. The writing of simple original settings for songs and the harmonizing of easy
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melodies. Students must have had Elements of Music I or its equivalent and be able to play chords, scales and hymn tunes. MRS. DENNIS.

7. Harmony II. A class will be organized should a sufficient number of students apply for the course.

Private Lessons. Students desiring private lessons in piano, voice culture, violin or dramatic reading may arrange for instruction by consulting the Secretary of the Conservatory of Music.

NATURAL SCIENCE

1. Nature Study. This course is based on outdoor work, and students must be prepared to spend considerable time in the field. Special attention will be given to the flowers, trees, birds and insects; their habits, life relations and economic importance. Methods of collecting and preserving, and the adaptation of material to certain grades of work will be discussed. Special trips will be taken to the many localities near Kalamazoo of interest to the naturalist. Students are advised to bring clothing suitable for outdoor summer work, and such equipment for observing and collecting as may suggest itself. 6 weeks credit. INSTRUCTOR and ASSISTANT.

May be combined with one of the Botany Courses for 12 weeks credit.

2. Botany—Plant Ecology. A study of plants in relation to their environment, based on field work and accompanied by lectures on the distribution of plants and the factors that control it. Most of the typical plant societies of Southern Michigan occur in the vicinity of Kalamazoo, and will be studied in the field. Two or more field trips a week will be made, usually to nearby localities, but occasionally to more distant points. 6 weeks credit. INSTRUCTOR and ASSISTANT.

3. Botany—Plant Structures. A course in the morphology of plants, with special reference to work, that may be done without the aid of a compound microscope. The life history is worked out by following the plant through the cycle of seed, seedling, foliage, flower and fruit. Mainly a laboratory course, with some field exercises and some practice in classification. 6 weeks credit. INSTRUCTOR and ASSISTANT.
WESTERN STATE NORMAL SCHOOL.

The two courses in Botany may be combined for 12 weeks credit.

Review Courses

4. Physiology. The object of this course is to give a general knowledge of the structure and functions of the human body, with a view to a better understanding of those processes that are constantly going on within ourselves, and thereby affecting our daily life. Enough anatomy will be presented to make the physiology intelligible, and enough hygiene to help in an intelligent care of the body. This is a review course for teachers preparing for the August and October examinations. MISS WARRINER.

PHYSICAL EDUCATION

1. A course suitable for teachers of primary grades. Principally plays and games involving simple exercises for all parts of the body. MISS JONES.

2. A course in Swedish gymnastics will be given for teachers of the intermediate and grammar grades. Special emphasis will be placed upon exercises which bring to mind and body renewed activity and to exercises which correct and prevent the common school deformities. These courses will also include marching, fancy steps, wands, dumb bells and Indian clubs. Folk dances and games will be a feature. MISS JONES.

3. The above courses will be adapted to rural school use. MISS JONES.

4. Baseball teams will be organized at the opening of the term and games will be played regularly under the leadership of the Physical Director. MR. SPAULDING.

5. A class will be formed for those desiring coaching in track athletics, football and basketball. MR. SPAULDING.

PHYSICAL SCIENCE

1. Elementary Physics. Magnetism and electricity. This course completes the work done by students of course 2 last summer. It is also intended for students who wish to teach physics. Class-room demonstrations will form a prominent feature of this course. 12 weeks credit in preparatory department. MR. WORTH.
2. **Review Physics.** Class meets twice daily. Review of entire subject of elementary physics. Especial attention given to methods of presentation of the subject, class-room demonstrations and the application of the principles of algebra to the solution of problems. This course is especially designed for those wishing to teach the subject in the high school.

   MR. WORTH.

3. **Laboratory Work in General Physics.** This course may be elected to accompany course 2 or may be elected separately. It is designed to familiarize the student with the handling of apparatus and to make him able to supervise the work in the high school laboratory. 12 weeks credit.

   MR. WORTH and ASSISTANT.

4. **Elementary Chemistry.** A study of general inorganic chemistry of the non-metals. The work includes a careful study of oxygen, hydrogen, chlorine, nitrogen, carbon and their compounds. 12 weeks credit.

   MR. WORTH.

5. **Laboratory Work in General Chemistry.** This course is designed to accompany course 4 in General Chemistry. The student will study individually the properties of the elements mentioned in course 1. The course is also designed for those who have had the class-room work in chemistry, but have not done individual laboratory work. 12 weeks credit.

   MR. WORTH and ASSISTANT.

**PSYCHOLOGY AND EDUCATION**

1. **Psychology I.** This forms an introductory study of the general problems of psychology. Emphasis will be placed upon the genetic aspect of consciousness and its function as an agency of control, thus laying a basis for educational applications. The work will be based on Angell's Psychology as a text, supplemented by lectures, experiments and assigned reading. 12 weeks credit.

   MR. GILBERT.

2. **Psychology II.** This course will be a continuation of the study of fundamental psychological problems, but with additional concrete applications to education. The observation and study of children will form a part of the work of the
course. Angell's Psychology will be used to supplement that of Thorndike. 12 weeks credit. DR. McMANIS.

3. General Method. The teaching process will form the material of this course. Questions of class organization, most efficient modes of dealing with subject-matter, relative values, the economy of the child's interest and energy, and educational aims constitute some of the topics to be considered. The course is open to all students of the summer school having had some preliminary study of psychology or experience in teaching. 12 weeks credit. MR. GILBERT.

4. Child Study. Emphasis placed on physical and mental characteristics of childhood. Study by observation, and laboratory practice of problems connected with children. 12 weeks credit. DR. McMANIS.

5. History of Education. A discussion of education in modern European countries. Comparative study of educational institutions and practices, with historical origin of theories underlying. Library work and papers. 12 weeks credit. DR. McMANIS.

6. Primary Methods. 1. Study of interests and activities of primary children. 2. Consideration of material of different subjects best adapted for development or inhibition of these activities. 3. Discussion of methods of handling materials. 6 weeks credit. MISS DENSMORE.

7. Rural School Methods. The preceding course will be given in two sections, one for graded school, the other for rural school teachers. In the latter course special problems of the rural school will be considered and emphasis will be given to the construction work and seat work possible in rural schools. At least one half hour daily of observation in the training school is required. MISS DENSMORE.

PUBLIC SCHOOL ART

1. Art. 1. (a) Nature study expressed in landscape, tree and plant drawing in pencil, crayon and water color.

(b) Pictorial and decorative composition from nature motifs in line, dark and light and color. Problems suggested by school work, viz.—composition covers and title pages.
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(c) Out door sketching.
(d) Design from nature motifs, including application in stenciling or block printing in problems suited to grade work. 12 weeks credit.

MISS REITLER.

2. Art. II. Perspective.
(a) Cylindrical perspective as illustrated in drawing from simple objects in outline and mass effects.
(b) Rectangular perspective as studied in objects, buildings and interior views.
(c) Pictorial and decorative composition from objects studied in (a) and (b) expressed in line, dark and light and color.
(d) Outdoor sketching. 12 weeks credit.

MISS REITLER and ASSISTANT.

3. Art. III. Construction work.
(a) Weaving.
(b) Stenciling and block printing.
(c) Basketry.
(d) Clay modeling.
(e) Card board construction work including simple problems in book binding. 6 weeks credit.

MISS REITLER and ASSISTANT.

Students who desire advanced work in applied design in metal and leather work may take private lessons with a special teacher.

In planning a course in art it is well to have Art. I precede Art. II. Art. III (Construction work) may be taken without previous art training.

RURAL SCHOOL DEPARTMENT

The aim of this department is to fit teachers for efficient service in rural schools. An increasing number of rural districts are demanding trained teachers, and these districts are accompanying this demand with an increase in the wages offered. Teachers of rural schools can show their appreciation of these improving conditions and their honesty of purpose in meeting these conditions in no better way than by accepting every offered opportunity for improving the character of their services to the districts.
WESTERN STATE NORMAL SCHOOL.

It is the constant endeavor of the Western Normal to provide the most efficient instructors for students who are planning to teach in the country. It is confidently expected that the large enrollment of rural school teachers during the summer term of 1906 will be surpassed this year. In addition to the general course of lectures outlined on preceding pages, a supplementary course of lectures designed primarily for those who are to teach in the country will be given during the summer session.

The county commissioners of Southwestern Michigan who co-operated so heartily in the work last year are most cordially urged to spend as much time as possible in Kalamazoo during the weeks between June 29 and August 7. During the term there will be a series of conferences of commissioners to consider questions pertaining to the welfare of rural schools and during the last two weeks of the term there will be a series of round table discussions of rural school topics under the chairmanship of Mr. Burnham. Some one of the County School Commissioners present will lead in these discussions. On enrollment day each Commissioner present will have a room in which to confer with the teachers from his county and all the term room 13 (the first room north of the assembly room on the second floor of the Normal building) will be at the disposal of any Commissioner who wishes to call the teachers of his county together for social or other purposes. In this room will be found exhibits of actual and suggested rural school work.

SPECIAL COURSES

In addition to the academic, review and methods courses offered in the several departments, two courses will be given in the Rural School Department which will be planned for the specific purposes of putting the teachers of rural schools on terms of close familiarity with the applied problems of organization, classification and management of these schools; and the course of study, school laws, and community and industrial conditions by which their work is governed.

1. School Management and Law. It will be the aim of this course to make as thorough a study as time will permit of the State Course of Study for rural schools, the General
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School Laws and School Management. Students owning Salisbury's "The Theory of Teaching" or textbooks in school management should bring them. The work will be supplemented by library references and incidental illustrations from the daily work of rural schools. This course will directly aid all who are preparing for the August county teachers' examination, in three regular examination topics: Theory and Art, Course of Study, and School Law. All who complete this course will be given 6 weeks credit in the regular Rural School Course.

MR. BURNHAM.

2. **Elementary Agriculture and Social Service.** This course will include a careful review of a large collection of books, pamphlets, bulletins and leaflets on the teaching of Elementary Agriculture, with a view to selecting a limited amount of such material as seems to be best adapted for successful use in rural schools. A directed course in reading in Rural Social Service will be amplified by discussion for the purpose of calling the attention of teachers to the great possibilities in rural social life and inspiring them to take part intelligently in local activities, which make for rural progress. All who complete this work will be given 6 weeks credit in the regular Rural School Course.

MR. BURNHAM.

**TRAINING SCHOOL**

In addition to the kindergarten, the first, second, third, fifth and sixth grades of the training school will be in session from 9 to 11 a.m. each day for four weeks of the summer term, to accommodate those who wish to observe teaching in the grades. The regular critic teachers will have charge of this work, with the co-operation of the special teachers in drawing, music, manual training, physical training, domestic art and domestic science. The work will aim to present proper material for use in the various subjects of the curriculum, such as nature.
study, geography, reading and language, and the special branches, including handwork, as well as to show good methods of teaching.

It is hoped that large numbers of the students will avail themselves of the help thus afforded them. No Normal School credit is offered for this work. Commissioners may arrange with the director, however, for reports of attendance of their teachers. Observation will be required in connection with the courses in Primary Methods.

MISS DENSMORE and CRITIC TEACHERS.

ATTENDANCE DURING SUMMER SESSIONS

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