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WESTERN NORMAL SCHOOL BULLETIN
KALAMAZOO, MICH.

SUMMER TERM
June 26th to August 4th 1911

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THE NORMAL SCHOOL

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NORMAL BUILDINGS
SUMMER TERM

OF THE

Western State Normal School

KALAMAZOO, MICH.

Monday, June 26th to Friday, August 4th, 1911
Faculty of the Summer Term.

D. B. WALDO, A. M., President.

CLARA ALLISON, A. B., Hastings High School, Latin.

HELEN BALCH, Construction.

EDITH C. BARNUM, First Grade, Training School.

*ESTHER BRALEY A. B., Librarian.

DORA I. BUCKINGHAM, Assistant in Kindergarten.

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

C. H. CARRICK A. B., Superintendent of Schools, Charlotte, Geography.

MARIE COLE, Clerk, Training School.

W. E. CONKLING, Superintendent of Schools, Dowagiac, Civics.

*MILDRED DAVIS, Physical Training.

IDA M. DENSMORE, Director of Training School.

MARY ENSFIELD, Rural School Methods.

JOHN B. FAUGHT, Ph. D., Mathematics.

JOHN E. FOX, A. B., Physics and Chemistry.

ANNA L. FRENCH, Assistant Librarian.

LUCY GAGE, Director of Kindergarten.

EMELIA GOLDSWORTHY, Public School Art.
BESSIE B. GOODRICH,
Third Grade, Training School.

*LUCÍA HARRISON, A. B.,
Sixth Grade, Training School.

L. H. HARVEY, Ph. D.,
Biology.

T. PAUL HICKEY, A. B.,
History.

Manual Training.

BEULAH HOOTMAN,
Public School Music.

FRED S. HUFF, Kalamazoo Public Schools,
Manual Training.

V. R. HUNGERFORD, A. B., Commissioner of Schools, Van Buren county,
History.

GEORGE F. JILLSON, A. B.,
Mathematics.

ADELE M. JONES, B. S.,
Domestic Art.

*BERTRAND L. JONES, A. B.,
English Language and Literature.

MATIE LEE JONES,
Physical Training.

CHRISTINE M. KECK, Principal of Sigsbee School, Grand Rapids,
English.

CATHERINE KOCH, B. S.,
Nature Study and Agriculture.

*FRANK A. MANNY, A. M.
Education.

*ALICE L. MARSH, B. S.,
English.

FLORENCE MARSH,
Public School Music.

*WILLIAM McCracken, Ph. D.,
Chemistry.
THE KINDERGARTEN
NELLIE M'CONNELL,
Second Grade, Training School.

BRUCE MILLIKEN, A. B., Principal of High School, Wallace, Idaho,
Education.

*KATHERINE MULRY,
Fourth Grade, Training School.

KATHERINE NEWTON,
Secretary.

G. N. OTWELL, Commissioner of Schools, Berrien County,
Arithmetic.

*MAUDE PARSONS, A. B.,
Latin.

JOHN PHELAN, A. B.,
Rural School Department.

FLORENCE PRAY, B. S.,
Domestic Science.

ROBERT M. REINHOLD, B. Pd.,
Education.

G. EDITH SEEKELL,
Fourth Grade, Training School.

LENORE SHANWISE, A. B.,
Expression.

KATHERINE SHEAN,
Assistant Secretary.

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

LAVINA SPINDLER,
Sixth Grade, Training School.

GEORGE SPRAU, A. M.,
English, Language and Literature.

PETER TAZELAAR,
Assistant in Manual Training.

*EMELIE TOWNSEND, B. S.,
Seventh Grade, Training School.

GEORGE S. WAITE,
Manual Training.
CAROLINE WAKEMAN, Ph., B.,
History.

EVA WARRINER, Director County Normal, Marshall,
Grammar.

L. H. WOOD, A. M.,
Geography.

E. N. WORTH, A. B., Principal of Kalamazoo High School,
Chemistry and Physics.

ELISABETH ZIMMERMAN, A. B.,
German.

* Absent on leave.
Summer Term of the Western State Normal School.

The eighth annual summer term of the Western State Normal School will open June 26 and continue six weeks, closing August 4. Students will be enrolled and classified on Monday, June 26, and classes in all departments will begin recitations on Tuesday, June 27. 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 United Railways Company give trolley connections 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.
PURPOSE OF THE SCHOOL

The object of the school as constituted by law is to prepare teachers for public school service. The work of the school is organized and conducted essentially to this end. It is recognized that scholarship, knowledge of child nature, and a proper attitude toward the work of teaching are the three essential factors in all professional preparation for teachers. The course of study in the Western State Normal School has been planned with the purpose of providing for these ends by giving as thorough knowledge of the subject matter as possible in the time devoted to the work by emphasizing the principles underlying the educational process, and by keeping before the mind of the student the realization that the highest aim of education is character. All facilities possible will be offered for the furtherance of these purposes and for bringing the student into contact with the best in modern thought and life. The spirit of hearty cooperation between faculty and students in enterprises and interests of the school will be fostered at all times.

The responsibility for the proper attitude of students toward the school and community is necessarily for the most part thrown upon the students themselves. While it is the purpose of the school to continually incite the student to higher and better ideals of character and public service, it is impracticable for a Normal School to attempt the task of reforming young men and young women. No personal effort will be spared in assisting students in every possible way. But those who are manifestly lacking in the essentials of good character, or in ability to become efficient instructors of children, will be requested, whenever the evidence of their unfitness is complete, to withdraw from the school.

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

BUILDINGS

The classes of 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 al-
ready well known for the panoramic view afforded of Kalamazoo City and the Kalamazoo River Valley.

Review classes will meet in the training building. The training building is a splendid structure with two stories and a basement, 118 feet long and 100 feet wide. This structure is regarded as one of the best planned of its kind in the entire country. In completeness and convenience the building is a model.

All shop work in the department of Manual Training will be conducted as heretofore in the Manual Training Building of the Kalamazoo public schools.

The gymnasium is the largest 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 9 1-2 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. All classes in public school gymnastics will meet in the gymnasium.

EQUIPMENT

The Library has developed rapidly during the past year, and by the opening of the summer term will number about 8,000 volumes; as the Library has been built up from the beginning in the last six years, it has been possible to make a good working selection from the latest as well as the standard authorities in the various subjects. Books are constantly being purchased, and all students of the Normal School are permitted to use the Kalamazoo City Library, which numbers 40,000 volumes.

In the department of physics and chemistry additions of apparatus have been made during the year and the facilities for effective work in biology have been increased. The working equipment in the department of geography has also been enlarged.

Extensive additions of stereopticon slides have been made for the departments of biology and geography. New machinery has been added to the manual training equipment, and the departments of domestic art and domestic science have been strengthened.
Students having recitations at the Normal building will be afforded free transportation on the 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 find hill climbing irksome.

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 fifty cents is collected for the support of outdoor athletics.

Board in clubs costs about $3.00 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 $30.00.

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 terms credit) is usually the maximum credit for any student during the summer term. Classes reciting daily ordinarily can 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. Five 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.

GENERAL STUDENT PARTIES

Friday evening, June 30, 8 P. M. Reception to students.
Tuesday afternoon, July 4, 3 P. M. School party.
Thursday evening, July 13, 8 P. M. School party.
Friday evening, July 21, 8 P. M. School party.

COURSES OFFERED.

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

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,

**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 State Normal. Credits earned during the six week's 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.

**LIFE CERTIFICATE AND EXTENSION COURSE.**

In 1905 the State Board authorized the granting of an extension life certificate to mature students who (1) are high school graduates, (2) have taught six years, and (3) under the direction of the Western State Normal School faculty have completed work as follows: (a) three summer terms in residence, (b) two years of non-resident work. This non-resident work is either (1) class work at some center within range of the school so that an instructor can meet the students once a week, usually on Saturdays, or (2) carefully organized courses taken by correspondence.

The Western State Normal School, from its foundation, has permitted properly qualified students to avail themselves of this opportunity. During the past five years, forty-nine students have completed this course.
The object of this arrangement has been to meet the needs of those who are otherwise deprived of opportunities for growth and advancement. The danger that in some cases has been anticipated that students by taking this course would be led aside from undertaking resident study, has not proved real. In fact, one of the important results has been the number of students who, after undertaking the extension course, have come to see that it was more possible than they had thought to enter upon and complete the life certificate course in residence.

A higher grade of work is necessary to satisfy the requirements than the average of class residence accomplishment. It is the student whose experience has trained him to effective methods of organization who can profit most by studying under the direction of an absent instructor.

A special announcement of this department has been printed, which will be furnished on application to the Secretary.

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 discussion 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.

Thursday, Professor Edward J. Ward of the University of Wisconsin will give an illustrated lecture on “Social Center Development.” Mr. Ward was for some years connected with Social Center work in Rochester, New York. His work in that city is well known. Under his direction the schoolhouse became the really live social center of its neighborhood. Later he was appointed as lecturer and executive officer in the National Municipal League, and in the fall of 1910 was engaged by the University of Wisconsin as Adviser in the Department of Civic and Social Center Development.
Wednesday, Hon. Lawton T. Hemans of Mason, a well known writer on topics in Michigan history will deliver a lecture on Stevens T. Mason, the first Governor of Michigan. Mr. Hemans is now engaged in writing the life of Governor Mason and has made most careful research, including the study of all available original material bearing upon the character and work of Michigan's boy Governor. Mr. Hemans is one of Michigan's most forceful and inspiring public speakers.

Monday, Dr. R. M. Wenley of the University of Michigan will give two addresses on the general subject "Education in Another Democracy" (Scotland). His specific subjects are (1) "Early Organization and Success" and (2) "The Disintegration and Later Fortunes". Dr. Wenley is widely known as the head of the department of philosophy at the University of Michigan. His reputation as a brilliant thinker, writer and speaker is international.

Wednesday, Professor M. V. O'Shea of the University of Wisconsin will give two lectures at eleven in the morning and at four in the afternoon. The subjects will be (1) "Hidden Forces in Life and Education" and (2) "The Trend of the Teens". Professor O'Shea is the well known author of "Education as Adjustment", "Social Development and Education" and other well known text books in education. He is an enthusiastic student in the field of education and is a splendid platform speaker.

Tuesday, "Abraham Lincoln" an address by Hon. Addison G. Procter of St. Joseph, Michigan. Mr. Procter was member of the famous Wigwam Convention in Chicago that nominated Lincoln in 1860. He has made a careful study of the life of Lincoln and is a splendid platform speaker. His address will be a rare treat for the students of the summer school.

Thursday, Professor J. J. Findlay, head of the department of education at the University of Manchester, England, will lecture upon an educational subject. Dr. Findlay has been one of the chief agents in bringing German and American influences into English education. In connection with the department at Manchester he has established a Demonstration School which is one of the most distinctively experimental schools now in existence.
Details of Departments.

Courses bearing numbers from 1 to 99 offered in the Review, High School, and Rural Departments; those from 101 to 199 receive credit in the Graded School and Life Certificate Courses.

Courses in the High School and Rural School Departments which are the same as the courses in the Graded School and Life Certificate work, are given the numbers of the latter.

ART

GRADED AND LIFE CERTIFICATE COURSES

101. Nature Study and Expression. This course aims to enlarge the appreciation and knowledge of the world of nature by expressing various phases of the landscape, also by study and expression of flowers, grasses, fruits, and other nature subjects, and in various mediums, including pencil, crayon, and water-color. The nature motifs studied form the bases for problems in design which are applied to practical school problems. 12 weeks credit. MISS BALCH.

102. Perspective. It is desirable that Art 101 should precede Art 102. This course aims to enlarge the appreciation and understanding of the common forms around us, and to develop a knowledge and skill in rendering the appearance of forms included under the study of cylindrical and rectangular perspective. 12 weeks credit. MISS GOLDSWORTHY.

103. Construction. This course takes up the subject of hand work in the grades, and includes the working out of simple problems in weaving, basketry, clay modeling, stenciling, and bookbinding. This course may be taken without previous courses in Art. 6 weeks credit. MISS BALCH.

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 101 precede Art 102. Art 103 (Construction work) may be taken without previous art training.

BIOLOGY

REVIEW, RURAL AND HIGH SCHOOL COURSES

7. Physiology. An elementary review course for teachers preparing for the fall examinations. While the functions of the
various systems of the body will be especially emphasized, yet
enough anatomy will be given to furnish an understanding of
the various organs. Bring all available texts, lectures, and
reference works. DR. HARVEY.

8. Botany. A review course designed to prepare teachers
for the fall examinations. Bergen's Elements of Botany will
form the basis of this course. Bring all texts available. Four
periods a week. DR. HARVEY.

GRADED SCHOOL AND LIFE CERTIFICATE COURSES

III. Nature Study. The place of Nature Study in the cur­
ricula of the elementary and rural school is definitely assured.
Most teachers feel a lack of preparation not only in regard to
subject matter, but in methods of presentation. It is the pro­
nounced object of the course to bring the student into touch
with a large number of plant and animal forms, to consider
methods of presentation, and to gain acquaintance with the lit­
erature. The course consists of field excursions, library work,
and occasional laboratory exercises and conferences. Kalama­
zoo offers in its diverse habitats many localities of unusual in­
terest, making an ideal center for Nature Study work. Students
should bring clothing suitable for tramping, collecting cases,
hand lenses, etc. Two afternoons of each week will be devoted
to the work. Substitutes for Physics 102 in meeting require­
ments. 6 weeks credit. DR. HARVEY.

MISS KOCH.

CHEMISTRY AND PHYSICS.

CHEMISTRY

REVIEW, RURAL AND HIGH SCHOOL COURSES

1, 2, 3. General Inorganic Chemistry. This course will
be devoted to a study of the metals or non-metals, according to
the needs of those taking the course. Laboratory work is re­
quired. 12 weeks credit.

MR. WORTH.

4. Review Chemistry. This course is intended for those
desiring a review of the subject. Especial attention will be de­
voted to the modern developments of the science and to its
commercial applications. Once daily. No credit. MR. WORTH.

PHYSICS

Elementary Physics. A choice of Courses 1, 2 or 3 will
be given depending upon which is in greatest demand. Course
GYMNASIUM CLASS
SUMMER BULLETIN

I comprises Mechanics of solids and liquids; Course 2, Magnetism and Electricity, and Course 3, Sound and Light.

While this is a beginner's Course it is intended for students who are not enrolled during the regular school year. Laboratory work will be required, 12 weeks credit in High School Department.

4. Review Physics. Class meets twice daily. Review of entire subject of elementary physics. Special 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. No credit.

MR. FOX.

GRADED SCHOOL AND LIFE CERTIFICATE COURSES

101. See course 1 above.

104 Qualitative Analysis. A course will be arranged to meet the needs of those who desire work of this kind. 6 to 12 weeks credit according to the amount of time spent in the laboratory.

MR. WORTH.

DOMESTIC ART.

107. Plain Sewing. A combination of machine and hand work in the making of a four-piece suit of underwear. Discussions on pattern making, materials, and various methods of finishing and trimming. 6 weeks credit.

MISS JONES.

108. Dressmaking. This course aims to give the student a practical knowledge of drafting, designing, making, fitting and finishing tailored shirt waist suits and simple summer dresses. Each student will make a shirt waist and tailored skirt of a suitable cotton or linen material, and a simple muslin dress.

6 weeks credit.

MISS JONES.

109. Millinery. This course is offered to meet the needs of the home milliner. Practical lessons will be given in the designing, making, and trimming of hats, suitable for summer and winter. Special attention will be given to bow making and other hand-made trimmings, and to the cleaning and renovating of old millinery materials.

6 weeks credit.

MISS JONES.

110. Art Needlework. The object of this course is to acquaint the student with various kinds of embroidery and artistic needlework. The work will include applique, hemstitching, simple drawn work, feather stitching, Bermuda fagoting, fancy
darning, scalloped edges, dots, eyelets, and French embroidery, applied to household linens, pillows, table runners, and articles of clothing. 6 weeks credit. MISS JONES.

Note.—The student will be expected to furnish all materials. Courses 109 and 110 are only offered providing there is a sufficient number of students enrolled.

DOMESTIC SCIENCE

107. This course offers practical work in the cooking of all classes of foods, such as cereals, vegetables, meat, eggs, bread, pastry, salads and dessert.

The work is planned to meet the needs of those outside of the Domestic Science department who desire practical work in cooking. 6 weeks credit will be given but will not apply on the two year course in Domestic Science. MISS PRAY.

108. This course includes the planning, cooking and serving of meals at various costs. It is desired that those entering this class should have had some work in cooking. A credit of 6 weeks will be given but it will not apply on the two year course in Domestic Science. MISS PRAY.

EDUCATION

GRADED SCHOOL, AND LIFE CERTIFICATE COURSES

101. Introduction to the Study of Education. While the greater part of the time of this course will be given to gaining facility in dealing with the problems of elementary psychology and in the use of the necessary vocabulary and materials, it is intended also to lay the foundation for the student's later work in education and especially to assist him to a better understanding and control of his own methods of study. Required in Graded School and all Life Certificate Courses. 12 weeks credit.

MR. MILLIKEN.

102. The Study of Children. By means of definite assignments for observation and the careful study of children, the student will have opportunity to gain further acquaintance with the interests and activities of the various stages of child life and youth. This will be supplemented by the reading of some of the more significant studies that have been made and by acquaintance with the more important conclusions and problems that have been formulated. Required in Graded School and General Life Certificate Courses. Prerequisite, Course 101. 6 weeks credit.

MR. REINHOLD.
106. History of Modern Education. The development of the school in its relation to other social organizations. Especial attention will be given to the historical conditions and the men most significant in the understanding of present-day problems. Required in all Life Certificate Courses. Prerequisite, 102, 103, 104, or 105. MR. REINHOLD.

107. Psychology. It is intended that students shall have an opportunity in this course to restate the material gained elsewhere and with the aid of Angell and other texts and by means of careful experimentation to formulate the subject sufficiently that it may be serviceable in their teaching and constitute a basis for independent study. Required in all Life Certificate Courses. Prerequisite, 106. 12 weeks credit. MR. MILLIKEN.

108. School Organization and Administration. This course is intended primarily for those students who are or intend to be superintendents or principals of schools. It will be of value, however, to other teachers who wish to understand better the conditions of efficiency in school relationships. A study will be made of some of the books and periodical literature of the subject in an effort to determine influences which are manifesting themselves in school supervision, curricula, organizations, etc. Elective. Credit arranged with instructor. MR. REINHOLD.

ENGLISH

REVIEW, RURAL AND HIGH SCHOOL 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 WARRINER.

99. 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. 12 weeks credit. MISS WARRINER.

GRADED SCHOOL AND LIFE CERTIFICATE COURSES

101. English Composition. The aim of this course is to help the student to think systematically and to express his thought in plain English prose. Much time is given to analysis
of good prose style and to writing expositions of one para-
graph and of several paragraphs. Some time is devoted to the
study of description and narration as forms of discourse. Sen-
tence structure, punctuation, and diction are carefully studied,
and emphasized in class and individual criticism. The written
work is supplemented by lectures on the theory of composition
by the instructor and members of the class. 12 weeks
credit.

102. English Literature. Half of the time is given to the
study of the history of English literature in the form of lectures,
supplementary reading, outlines, and reports. The other half
is devoted to reading and interpreting masterpieces selected
from the various periods of English literature. Each student is
expected to have read or to read during the term a reasonable
amount of representative English literature selected from the
whole field. 12 weeks credit. MR. SPRAU.

103. Literary Material for the Grades. (Course 102 prere-
quise). The purpose of this course is to introduce the student-
teacher to material which is adapted to his work in the training
school or for later independent class-room experience. One
hour is devoted daily to discussion and criticism; (1), of chap-
ters in MacClintock’s “Literature in the Elementary School”;
(2), of literary material mentioned in MacClintock considered
from the points of view of its fitness for children in school,
and of its value as real literature. The second hour is given up
to lectures on the principles of literary criticism and child
study as related to literature; these lectures are supplemented
by suggestions for guidance in reading and for the making of
bibliographies. Required in Life and Grade School Courses.
12 weeks credit. MISS KECK.

109. English Literature. The aim of this course is to study
some one poet. Shakespeare will be studied during the sum-
mer term of 1911. Several plays will be carefully studied and
read in class; others will be assigned for supplementary read-
ing. The plays that will be studied are “King Henry IV”, “As
You Like It”, and “Macbeth” or “Othello”. 12 weeks credit.
MR. SPRAU.

114. Teachers’ Course in Grammar. 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.
HOUSECLEANING—THIRD GRADE
SUMMER BULLETIN

(c) Discussion of methods of teaching grammar in grades below the high school. 6 weeks credit. MISS KECK.

EXPRESSION

REVIEW, RURAL AND HIGH SCHOOL COURSES

Review Courses.

1. Reading and Orthography. A careful study will be made of "Reading in Public School" by Briggs and Coffman, one of the Reading Circle books. This book forms the basis for the county teachers' examinations in Reading in August and October. In Orthography a thorough study of Pattengill's Orthography will be made. MISS ENSFIELD.

GRADED SCHOOL AND LIFE CERTIFICATE COURSES

101. Reading. A study of the elements of vocal expression; daily vocabulary drill; a discussion of the relation of reading to literature and the reading of classic selections. An analysis of selections from the best literature and a study of their vocal interpretation. 12 weeks credit. MISS SHANEWISE.

103. 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 SHANEWISE.

104. Extemporaneous Speaking. The aim of this course is to prepare students for logical, forceful, extemporaneous thought and expression. 6 weeks credit. MISS SHANEWISE.

105. Shakespearean Reading. A study of the principles of dramatic structure; of plots, and of the characters; and the application of these principles to three Shakespearean dramas. Vocal interpretation of the greatest scenes will be studied. 12 weeks credit. MISS SHANEWISE.

Note.—Course 104 or 105 will be given according to elections of students.

GEOGRAPHY

REVIEW, RURAL AND HIGH SCHOOL COURSES

Review Courses

5. 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. CARRICK.
GRADED SCHOOL AND LIFE CERTIFICATE COURSES

101A. 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.

101B. Geographic Geology. Study of the origin and distribution of the various land forms of the earth surface. 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 and minerals. 6 weeks credit. MR. WOOD.

102A. Principles of Geography. This course should follow course 101A and 101B, 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.

102B. 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 101A on Climate and course 102B on Regional Geography.

103. 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 Saturday mornings. Students who plan to take this work should bring all the rocks and minerals that they may have at home. 6 weeks credit. MR. WOOD.

GERMAN

REVIEW, RURAL AND HIGH SCHOOL COURSES

101. Elementary Course. Twice daily. The aim of this course is to give the student a knowledge of the rudiments of German grammar and facility in reading and reproducing easy German. A number of texts will be read and discussed in German. 12 weeks credit. MISS ZIMMERMAN.
GRADED SCHOOL AND LIFE CERTIFICATE COURSES

114. Advanced Course. The study of some drama or prose narrative, to be selected to meet the needs of the class. A review of German grammar and syntax and practice in speaking and writing the language. 6 weeks credit. MISS ZIMMERMAN.

115. Teacher’s 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 German texts in German and the writing of compositions and reproductions. 6 to 12 weeks credit. MISS ZIMMERMAN.

HISTORY

REVIEW, RURAL AND HIGH SCHOOL COURSES

7-8. English History. Elective in High School course. Special emphasis laid on the social and industrial development of England. 12 weeks credit. MISS WAKEMAN.

12. 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 High School course. MISS WAKEMAN.

13. 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. HUNGERFORD.

14. Civil Government. This course is planned primarily for students who wish to prepare for the August and October examinations. Four sections will be formed. Bring any textbooks available. MR. CONKLING.

GRADED SCHOOL AND LIFE CERTIFICATE COURSES

101-2. United States History. Emphasis will be laid upon the different periods according to the needs of the class. Special attention will be given to choice of subject matter and bibliography suitable for grade work. 12 weeks credit. MR. HICKEY.

106. The Nineteenth Century. A study of important historical developments in Europe. 12 weeks credit. MR. HICKEY.
KINDERGARTEN

The Kindergarten will be open the first four weeks for observation and a limited number will be permitted to practice. 9—11 a.m. No credits. MISS GAGE.

GAMES AND RHYTHMS.

Open to all Elementary teachers. Emphasis will be placed upon the psychological significance of this phase of play showing how certain elements are characteristic of games for young children as contrasted with those played by older children. Opportunity will be given for original work in both rhythms and games. 8 a.m. MISS GAGE.

LATIN

REVIEW, RURAL AND HIGH SCHOOL COURSES

2. Latin and 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 ALLISON.

4, 7, or 10. Advanced Latin. 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 to 12 weeks credit. MISS ALLISON.

GRADED SCHOOL AND LIFE CERTIFICATE COURSES

108. Introduction to Latin. A course designed for those who have not had an opportunity to study Latin and do not expect to pursue Latin authors in the original. The aim will be to teach Latin roots and phrases common in English as an aid to the student in the understanding of English literature. 12 weeks credit. MISS ALLISON.

*LIBRARY METHODS FOR TEACHERS

The courses in Library Methods for Teachers 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 Commission's special library.

*Subject to change.
101. Two courses will be given: one in the elementary methods of library administration, accession, classification, cataloguing, etc.—given with the purpose of making it possible for the teacher in charge of the school library to care for it and use it in the most efficient way, rather than for the purpose of training professional librarians. 6 weeks credit. MISS FRENCH.

102. The second course will include more general work,—daily discussions of children’s books taken from the selected library, use of lists and bibliographies, and one week each of lectures on Children’s Reading and on Reference Books, given by specialists in these branches, sent by the Library Commission. The purpose of the work is to acquaint teachers with the best and most helpful material and method for work supplementary to the regular curriculum. 6 weeks credit. MISS FRENCH.

MANUAL TRAINING

Manual Training 101. Consist of hand work suitable for pupils of first four grades, and includes work with paper, cardboard, string, raffia, clay, wood, and other materials. 12 weeks credit. MR. WAITE.

Manual Training 102. Instruction in wood and other materials suitable for the pupils in the fifth and sixth grades. 12 weeks credit. MR. WAITE.

Manual Training 103. Instruction in woodworking shops suitable for students of the seventh and eighth grades. Work in various kinds of wood, the use of woodworking tools of all kinds, and the finishing of the objects made. 12 weeks credit. MR. HUFF.

Manual Training 104. (a) More advanced work in cabinet making and joinery, and elementary wood turning. 12 weeks credit. MR. HILL.

Manual Training 105. Advanced wood turning, pattern making, molding and casting of patterns made. 12 weeks credit. MR. HILL.

Manual Training 106. Forging exercises in drawing, upsetting, twisting, welding, tempering of iron and steel; ornamental work in iron; chipping, filing and fitting metals; use of drill press and engine lathe. 12 weeks credit. MR. HILL.

courses of study; planning of rooms and buildings; selection and purchase of tools and materials; supervision of manual training work; manual training and technical schools of England, Scotland and Wales; lectures and discussions; topical reports. 12 weeks credit.  

Manual Training 109. Mechanical Drawing. Consists of simple elementary and geometrical problems, the use of instruments, plans, and elevations of simple objects, and simple lettering. 12 weeks credit.  

Manual Training 110. Mechanical Drawing. Continuation of geometrical problems, more advanced drawings of objects, drawings of shop exercises, and lettering. 12 weeks credit.  


Manual Training 112. Mechanical Drawing. Isometric drawings, mechanical shading and drawings, designs for equipment for woodworking rooms, tracings and blue prints. 12 weeks credit.  


In the manual training courses instruction is given regarding materials and topical reports are required. In the classes, Ritchey's Manual Training and Economics of Manual Training, Rouillion are used as text-books. Much reference work is done, all students having free access to the library, which is well equipped.

MATHEMATICS  
DR. FAUGHT.

REVIEW, RURAL AND HIGH SCHOOL COURSES  
1. Rural School Arithmetic. This course reviews the entire field of grade arithmetic, giving especial attention to the needs of the rural schools. Much attention will be given to problems bearing on farm and home life. In connection with the course, instruction will be given in grading pupils in arithmetic,
and that part of the State Manual bearing on this subject will be reviewed. 12 weeks credit.  
MR. JILLSON.

7. **Plane Geometry.** Designed for those preparing for teacher's examination and those desiring a review of the subject as a preparatory subject. Much attention is given to the methods of attack.  
MR. JILLSON.

11. **Advanced Algebra.** This course will include a review of Fundamental Processes, Fractions and Simple Equations; Radicals and Exponents; Logarithms; Quadratic Equations; Graphs; Proportion, and Progressions. 12 weeks credit.  
MR. JILLSON.

13. **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. Four sections.  
MR. OTWELL.

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

**GRADÉD SCHOOL AND LIFE CERTIFICATE COURSES**

101. **Arithmetic.** A teacher's course. To elect this course the student should have a knowledge of geometry and of the beginners' course in psychology. The work consists of two parts, divided as follows:

(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 12 weeks credit.  
DR. FAUGHT.

102. **College Algebra.** Arithmetical and geometrical progressions binomial theorem, development of functions in series, logarithms, theory of equations, convergency and divergency of series, permutations and combinations. 12 weeks credit.  
DR. FAUGHT.

103. **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.  
DR. FAUGHT.

Note.—Either 102 or 103 will be given, according to the number of students electing one course or the other.
MUSIC

101. Elements of Vocal Music. This is an academic course, and should precede the Teachers' Course in Music. It presupposes no previous knowledge, but deals with the very rudiments of vocal music. It consists of the cultivation of the ear, the voice, and the beginning of sight singing. The course covered is that of Book One of any of the standard music courses, and may be eliminated by examination. 12 weeks credit.
MISS HOOTMAN.

102. Elements of Vocal Music. This course must be preceded by Course I or its equivalent. It consists of ear training, voice culture, melodic writing of a simple character, advanced sight singing, and practice in part singing. 12 weeks credit.
MISS HOOTMAN.

103. 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, 3 or 6 weeks.
MISS MARSH.
MISS HOOTMAN.

106. Teachers' Course in Music. This must be preceded course 101 or its equivalent. Advanced sight reading and ear training are taken up in this class, discussion of methods, and practice teaching during the class period as a preparation for teaching this subject in the first eight grades. Observation is made in the training school. 12 weeks credit. MISS MARSH.

107. Primary Songs and Games. 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 in the training school. 6 weeks credit.
MISS MARSH.
109. *Harmony I.* The work consists of ear training, and a study of construction of scales, intervals and chords. The writing of simple original settings for songs, and the harmonizing of easy melodies. Students must have had Elements of Music I or its equivalent and be able to play chords, scales, and hymn tunes. 6 weeks credit. MISS MARSH.

**PHYSICAL EDUCATION FOR WOMEN**

110. A course of plays and games. Arranged to meet the needs of the child at the various stages of development. Games for indoor and outdoor use. 6 weeks credit. MISS JONES.

102. A course in Folk Dancing. Folk dancing has taken an important place in the physical education of the child. In this course will be given dances suitable for each grade. 6 weeks credit. MISS JONES.

Instruction in tennis and volley ball will be given each morning at 7:10. 6 weeks credit.

Instruction in swimming will be given in the mornings by appointment. The pool is open to the women mornings.

**DEPARTMENT OF RURAL SCHOOLS**

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.

The county commissioners of southwestern Michigan who cooperated 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 26 and August 4. During the term there will be a series of conferences of commissioners to consider questions pertaining to the welfare of rural schools. Some one of the County School Commissioners present will lead in these discussions. On enrollment day each Commissioner present will have a place in which to confer with the teachers from his county, and all the term after 3:20 o'clock p.m. 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 purpose. 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, three 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 School Laws and School Management. Students owning McMurry's "How to Study and Teaching How to Study", and text-books in school management should bring them. The work will be supplemented by library references and incidental illustrations from the daily work of rural schools. The exhibits of actual rural school work from the counties and from the Normal's Rural Observation School will be closely studied. 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. As many sections will be organized as the enrollment makes advisable. All who complete this course will be given 6 weeks credit in the regular Rural School Course. MR. BURNHAM. MR. PHELAN.

2. **Rural Social Service.** 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.

3. **Agriculture.** This course aims to give the student a general conception of the possibilities of the various phases of agriculture in the rural school.
This will include the use of a text-book, lectures, visits to neighboring farms and creameries and experimental work in the School Garden. Four hours a week. 6 weeks credit.

MISS KOCH.

TEACHING

101. General Methods. (1) A study of the elementary school curriculum with consideration of the subject matter best suited to the interests, and needs of each period of childhood. (2) The problem of motivation of school work. (3) A discussion of types of lessons and the making of lesson plans. (4) Systematic observation of different phases of grade work in the training school, with reports and class discussion. 12 weeks credit.

MISS DENSMORE.

107. Graded 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. (4) At least one-half hour daily of observation in the training school, with reports and class discussion. 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. 6 weeks credit.

MISS ENSFIELD.

TRAINING SCHOOL

In addition to the kindergarten, the first, fourth, 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 cooperation 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 Graded Primary and Rural School Methods. Each critic will reserve the 11:20 hour for conference and general discussion with the observers in the grade.

MISS DENSMORE and CRITIC TEACHERS.