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WESTERN NORMAL SCHOOL
KALAMAZOO MICHIGAN
SUMMER BULLETIN
June 24 to August 2, 1912
VOL. VII
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NO. 4
SUMMER TERM
OF THE
Western State Normal School
KALAMAZOO, MICH.

Monday, June 24, to Friday, August 2
1912
Faculty of the Summer Term

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

HELEN BALCH,
Art.

*EDITH BARNUM,
First and Second Grades, Training School.

ESTHER BRALEY, A. B.,
Librarian.

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

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

ROBERT CHITTENDEN,
Assistant Secretary.

MARIE COLE,
Clerk, Training School.

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

IDA M. DENSMORE,
Director of Training School.

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

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

ANNA L. FRENCH,
Assistant Librarian.

LUCY GAGE,
Director of Kindergarten.

*EMELIA M. GOLDSWORTHY,
Public School Art.

BESSION B. GOODRICH,
Rural School Department.

CYNTHIA A. GREEN,
Rural School Management.

HILDRED HANSON,
Public School Music.

LUCIA HARRISON, A. B.,
Geography.

L. H. HARVEY, Ph. D.,
Biology.
T. P. Hickey, A. B.,
  History.

J. C. Hockenberry, Ph. D.,
  Education.

Beulah Hootman,
  Public School Music.

V. R. Hungerford,
  Commissioner of Schools, Van Buren Co.
  History.

Sophie Hutzel, A. B.,
  German.

George Jillson, A. B.,
  Mathematics.

Elizabeth Johnson,
  Fourth Grade, Training School.

Adele M. Jones, B. S.,
  Domestic Art.

B. L. Jones, A. B.,
  English Language and Literature.

Matie Lee Jones,
  Physical Training.

Christine M. Keck, Grand Rapids,
  English.

*Catherine Koch, B. S.,
  Nature Study and Agriculture.

Alice L. Marsh, B. S.,
  English.

William McCracken, Ph. D.,
  Chemistry.

Nellie Mcconnell,
  Second Grade, Training School.

Katherine Mulry,
  Sixth 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 and Normal Extension.

G. EDITH SEEKELL,
Fifth Grade, Training School.

M. J. SHERWOOD,
Manual Training.

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

LA VINA SPINDLER,
Eighth Grade, Training School.

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

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

GEORGE S. WAITE,
Manual Training.

CAROLINE WAKEMAN, Ph. B.,
History.

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

MINNIE WILLIAMSON,
English.

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

ELISABETH ZIMMERMAN, A. B.,
German.

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

The ninth annual summer term of the Western State Normal School will open June 24 and continue six weeks, closing August 2. Students will be enrolled and classified on Monday, June 24, and classes in all departments will begin recitations on Tuesday, June 25. 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 Chicago and Grand Trunk Railway now has direct connection with the main line of that road by way of Pavilion. The electric lines of the Michigan United Traction 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 incite the student continually 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 classrooms, 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.

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.

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 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. All classes in public school gymnastics will meet in the gymnasium.

EQUIPMENT.

The library now numbers over 8,000 volumes and consists entirely of good working material. It has been selected from the latest as well as the standard authors in the various departments. The stacks are open to all students during the summer term. Students of the Western Normal are also permitted to use the Kalamazoo City library which now numbers over 44,000 volumes.

The departments of physics and chemistry are well supplied with apparatus and there are facilities for effective work in biology. The department of geography is splendidly equipped with all needed apparatus. The departments of manual training, domestic art and domestic science are well supplied with the equipment needed for first class work.
THE RAILROAD

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.

Students in all courses who are residents of Michigan will pay a fee of $3 for the term. Students who reside in other states or in foreign countries will pay a fee of $5 for the term. This small tuition fee admits to all classes. No charge is made for the special lecture courses offered during the summer term. All students pay an athletic fee of fifty cents.

Board in clubs costs about $3 per week, and rooms conveniently located and suitably furnished may be obtained at a cost ranging in price from 75 cents to $1.00 per week for each student. The total expense for the summer term should not exceed $35.00 to $40.00.

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 earn six weeks' credit, while those reciting twice each day 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 and tennis will be prominent features of outdoor athletics. 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.**

Thursday evening, June 27, 8 P. M., School Party.

Wednesday evening, July 3, 8 P. M., School Party.

Friday evening, July 12, 8 P. M., School Party.

Thursday evening, July 25, 8 P. M., School Party.

**COURSES OFFERED.**

The work offered in the summer term is as follows:

1. Regular Certificate Courses.
2. Review Courses.
3. Extension Course.
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, German and Latin, Drawing, Music, Manual Training, Domestic Economy, Kindergarten Theory, Library Methods and Physical Training.

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 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.

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 six years sixty-two 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. A 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, so as to leave three or four afternoons open to field work, recreation, and athletics. Hours have been carefully arranged for the lecture courses to avoid conflict with classes and other important features of the summer school.

Friday, Dr. Charles H. Judd of the University of Chicago, will June 28 lecture on "The Cultivation of Initiative in Students." Dr. Judd is most pleasantly remembered
by former students who were at the Western Normal during the summer sessions of 1909 and 1910. He is one of the ablest students of education in the United States and in clear, forceful and inspiring discussion of educational problems holds the highest rank.

Friday, Dr. W. C. Bagley of the University of Illinois, will July 5 speak on one of the following topics: 1. "Some Neglected Outcomes of Teaching." 2. "Crises and Criticisms in Education." 3. "The Test of Efficiency in Reading." Dr. Bagley is well known through his educational writings, particularly through two of his latest books "Craftsmanship in Teaching" and "Educational Values." He is at the head of the department of education at the University of Illinois and is one of the foremost of the educational leaders of America. Dr. Bagley is a most effective speaker and will be thoroughly enjoyed by those who hear him.

Saturday afternoon, Hon. P. P. Claxton of Washington, D. C., July 13 Commissioner of Education of the United States will deliver an educational address. Dr. Claxton until recently was President of the University of Tennessee at Knoxville. He has an established reputation as an orator. His coming will be the first appearance of a United States Commissioner of Education at the Western Normal.

Wednesday, Mr. Charles Seymour, who lectured at Western Normal during the summer term of 1907, will deliver two addresses. Mr. Seymour has met with unusual success in presenting historical subjects before university and college audiences and to teachers' associations and institutes. Mr. Seymour's lectures represent first hand study under advantageous conditions, as he has carried on research studies in libraries of Europe as well as of the United States. He has personally visited the places where the events pictured by him occurred and where his characters lived.

Tuesday, On Tuesday, July 23, the Hon. O. T. Corson, ex-July 23 Commissioner of Education in the State of Ohio, will give an address on "The Teacher's Surplus." For fifteen years Mr. Corson has been a well known lecturer before teachers' institutes and state associations. He is regarded as one of the ablest educational lecturers of the United States.
Details of Departments

Courses bearing numbers from 1 to 99 are offered in the Review, High School, and Rural Departments; those from 101 to 199 receive credit in the Graded School and Life Certificate 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. Illustration and drawing from nature. A course in drawing which takes up the work of simple illustration and drawing from nature as should be studied in the grades. This work is carried on into simple design in connection with the drawing from nature. A short course in the study of pictures is taken up in connection with the illustration. 12 weeks credit. MISS BALCH.

102. Perspective. Aside from the development of technical skill in representing objects which involve principles of perspective, this course also aims to teach the use of these forms in decorative composition and design. It takes up such work as should be taught in the grades and in high schools. 12 weeks credit. MISS JUDSON.

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 JUDSON.

Advanced Art. This course is planned for those who have had the courses given and who would like to gain skill in representation, design and sketching. Some applied design will also be offered such as the work in bookbinding, leather work and block printing. 12 weeks credit. MISS BALCH.
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. Peabody’s Physiology will form the basis of the course. Bring all available text books.

DR. HARVEY.

8. Botany. A review course designed to prepare teachers for the county examination. Bergen’s Elements of Botany will form the basis of this course. Bring all text books available. Four periods a week.

DR. HARVEY.

GRADED SCHOOL AND LIFE CERTIFICATE COURSES

III. Nature Study. The place of Nature Study in the curricula 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. The purpose of this course is to present the ideals and methods of nature study, to acquaint the student with available materials and give him a grasp of the literature of the subject. School gardens receive attention. Seasonal phenomena of plant and animal life are treated. Field and laboratory work are devoted to identification and ecology of our common plant and animal forms—especial stress being placed upon tree, bird, flower and insect study. Kalamazoo offers in its diverse habitats many localities of unusual interest, making an ideal center for Nature Study work. Students should bring clothing suitable for tramping, collecting cases, hand lenses, etc. Four afternoons of each week will be devoted to the work. Substitutes for Biology 107 and 108 in meeting requirements. 12 weeks credit.

DR. HARVEY.
CHEMISTRY

REVIEW AND LIFE CERTIFICATE COURSES.

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

DR. McCRACKEN.

4. Review Chemistry. This course will include a rapid review of the whole field of inorganic chemistry. Especial stress will be laid upon the mathematical, theoretical and commercial aspects of the subject. Once daily. No credit.

DR. McCRACKEN.

5. Qualitative Analysis, corresponding to Course 105 of the regular school year. Lectures twice a week. Laboratory work arranged to suit the needs of those taking the course. Either 6 or 12 weeks credit.

DR. McCRACKEN.

6. Chemistry for the Grades. This is a nature study course corresponding to Course 109 of the regular school year. A study will be made of some of the common elements—oxygen, hydrogen, nitrogen, chlorine, carbon, sulphur,—and of some of the more common and important compounds used by man. There will be used for illustration a series of simple experiments capable of being used in the grades. Twice daily. 12 weeks credit.

DR. McCRACKEN.

PHYSICS

REVIEW AND LIFE CERTIFICATE COURSES.

Review Physics. This course is designed for those who have had a year's work in physics and who wish to review the subject for second grade, first grade, or state life certificate examinations. It is also designed for those who wish to increase their efficiency as teachers of physics in the schools. Class meets twice daily.

MR. FOX.

102a. Physics for Grade Teachers. The aim of this course is to help students to grasp the underlying principles of physics so essential to an understanding of general science work in the grades. The course presupposes a year's work in high school physics. Six weeks credit.

MR. FOX.
Physical Laboratory Work. Arrangements will be made for those who wish to do laboratory work, to fit the needs of the pupil. Credit will depend upon the work accomplished.

MR. FOX.

DOMESTIC ART

103a. 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.

103b. 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.

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. Course 110 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 MOORE.

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 MOORE.
EDUCATION

GRADED SCHOOL, AND LIFE CERTIFICATE COURSES.

101. Elementary Psychology. 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.

102. Child Study. 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 especially 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. 12 weeks credit. DR. HOCKENBERRY.

107. Advanced Psychology. The aim of this course is a careful study of such problems in psychology and education as the learning process, the reasoning process, habituation and inhibition in the light of the student's previous experience and training and with the aid of as much experimentation as is practicable in the class and in small groups of the class. It will be aimed so to formulate the results of this study as to make it serviceable in teaching and as a basis for independent study and research. Prerequisite, 101, 12 weeks credit. MR. REINHOLD.

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. 6 weeks credit. MR. REINHOLD.

109. School Hygiene. An introduction to material that has been produced in comparatively recent years through the study of personal and institutional problems of hygiene, especially in relation to the school. Among the topics taken up will be the periods of development; school diseases; measurements and tests; time table; home study; examinations; fatigue; posture, medical inspection; school grounds, buildings and decoration, etc. Reports will be required of actual conditions found and of possible methods of improvement. Elective. 6 weeks credit. DR. HOCKENBERRY.

110. The Philosophy of Education. In this course it will be the endeavor to gain some idea of the principles of education in accordance with the relevant laws of biology, psychology, sociology and philosophy. Professor Horne's "The Philosophy of Education" will serve as the basis of the work, but assignments will be made to the writings of Rosenkranz, Tate, Cole, Dewey, MacVannel and others who have attempted to state the nature of education in the light of its broader and deeper aspects. Elective. 6 weeks credit. DR. HOCKENBERRY.

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. MISS MARSH.

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.
20 WESTERN STATE NORMAL SCHOOL

Daily practice is afforded in both oral and written composition. 12 weeks credit.  

MISS MARSH.

GRADED SCHOOL AND LIFE CERTIFICATE COURSES.

101. English Composition. A practical course in the writing of essays, descriptive, narrative, expository, and critical. The first hour will be devoted to class-room discussion of text-book assignments and collateral readings, this to be supplemented by brief lectures on the more technical aspects of the subject. The second hour will be given up to class-room criticism of exercises, some previously prepared and others written impromptu. 12 weeks credit.  

MR. JONES.

102. English Literature. Half of the time will be spent in outline studies of English literature from its beginnings to the present time; and half in a more intensive study of the poets of the Romantic period, 1798 to 1832. The work of Coleridge, Wordsworth, Byron, Shelley, Keats, and Landor will be emphasized. 12 weeks credit.  

MR. JONES.

103. Literary Material for the Grades. (Course 102 prerequisite). 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 chapters 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 Graded School Courses. 12 weeks credit.  

MISS KECK.

111. American Literature. The method of presenting this course will be the same as that for "English literature 102." "The Renaissance of New England" will receive the emphasis, particularly as related to the later writers of New England: Whittier, Longfellow, Lowell, Holmes and Hawthorne. 12 weeks credit.  

MISS KECK.
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.
(c) Discussion of methods of teaching grammar in grades
   below the high school. 12 weeks credit.

MISS MARSH.

EXPRESSION

REVIEW COURSES.

1. Reading and Orthography. A careful study will be
   made of Hudson's "Introduction to the Study of Literature,"
   one of the Reading Circle books. This book forms the basis
   for the county teachers' examinations in Reading in August.
   In Orthography a thorough study of Pattengill's Orthography
   will be made.

MISS WARRINER.

GRADED SCHOOL AND LIFE CERTIFICATE COURSES.

101. Reading. A study of the elements of expression and
     the application of these principles in reading of classic selec­
     tions. The course aims to develop expressive reading and
     effective teaching of reading. It puts special emphasis on
     fundamental principles and therefore should precede other
     courses. 12 weeks credit.

MISS FORNCROOK.

103. Story Telling. A study of the purpose of story tell­
     ing in school, and of selection of stories. Daily practice in
     telling stories should be preceded by English 103. 12 weeks
     credit.

MISS FORNCROOK.

104. Debate and Informal Speaking. Aims to develop
     ease in public speaking. Discussion of general topics and
     leading questions of the day. 6 weeks credit.

MISS FORNCROOK.

105. Drama and Festival. Study and interpretation of
     standard and modern plays or scenes from them. Aims to
     develop dramatic imagination and sympathy, to cultivate abil­
     ity to read drama interpretively and to give prospective
     teachers training in the staging of plays. Some time will
also be given to the preparation and presentation of festivals. MISS FORNCROOK.

Courses 103, 104 or 105 offered according to wishes of students.

**GEOGRAPHY**

**REVIEW COURSE.**

5. Review Geography. This review course is planned to prepare for the examinations in August and October. 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. MISS HARRISON.

101B. Physiography of the Land Forms. Study of the origin and distribution of the various land forms of the earth's surface by means of topographic maps and field exercises. The course also includes a brief study of the chief rocks and minerals. 6 weeks credit. MISS HARRISON.

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. MISS HARRISON.

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. MISS HARRISON.

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.
GERMAN

GRADED SCHOOL AND LIFE CERTIFICATE 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 HUTZEL.

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 HUTZEL.

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 discussion of German texts in German and the writing of compositions and reproductions. 6 to 12 weeks credit. MISS HUTZEL.

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 text-
books 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. Europe, 1643-1789. A study of important historical developments in Europe, with particular emphasis on the French Revolution and Napoleonic periods. 12 weeks credit.  

MR. HICKEY.

KINDERGARTEN

The Kindergraten will be open the first four weeks for observation and a limited number will be permitted to practice. No credit.  

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.  

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 PARSONS.

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 PARSONS.

1. A course in Beginning Latin, reciting twice daily. It is
planned to cover the work of one term. 12 weeks credit.
MISS PARSONS.

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 pur-
pose of training professional librarians. 6 weeks credit.
MISS BRALEY

102. The second course will include more general work,—
daily discussion 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 Commis-
sion. The purpose of the work is to acquaint teachers with
the best and most helpful material and method for work sup-
plementary to the regular curriculum. 6 weeks credit.
MISS BRALEY.

MANUAL TRAINING

Manual Training 102. Instruction in woodworking shops
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. SHERWOOD.

Manual Training 107-8. Economics of Manual Art. 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; manual training and technical schools of England, Scotland and Wales; lectures and discussions; topical reports. 12 weeks credit. MR. WAITE.

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. MR. SHERWOOD.

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

Manual Training 111. Mechanical Drawing. Orthographic projections, development of surfaces and sheet metal patterns, machine drawings. 12 weeks credit. MR. SHERWOOD.

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

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. Visits will be made to factories.

In the summer term of 1912 work in manual training will be limited to the subjects enumerated above owing to the building changes of the Kalamazoo public schools. In the summer term of 1913 all of the shop work which has been offered in previous summer sessions will again be given. The regular manual training instructors will give full time to the teaching of the subjects above scheduled during the coming summer term.
SUMMER BULLETIN.

MATHEMATICS

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. Sections will be organized for all grades of County Certificates. MR. OTWELL.

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

GRADED 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 single 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 HANSON.

106. **Teachers' Course in Music.** This must be preceded by 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 HANSON.

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 stud-
ies 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 HOOTMAN.

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 HANSON.

PENMANSHIP

To meet a recognized need a course in Penmanship will be offered. Sections will be organized to meet in the morning and afternoon, thereby affording an opportunity to all students to join one of the classes.

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.

For those interested in Playground Work, Courses 101 and 102 will have special interest. Course 101 is correlated with Courses 107 and 108, Games and Rhythms, offered in the Kindergarten department.

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

MISS JONES.

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

RURAL SCHOOLS

A special department gives careful attention to the preparation of teachers for country schools. The number of school districts in Michigan which pay a salary sufficient to command the services of specially prepared teachers, is rapidly increasing. The courses offered here, to fit teachers to meet successfully the progressive demands of the districts, are the result of experience accumulated in working at this problem through
the eight years since the establishment of this institution. Teachers in attendance during the summer term are urged to take courses which will begin for them an accumulation of credits toward a State Normal school certificate.

Courses are offered which are adapted to the best advancement of the young people who seek special preparation for rural school teaching. Three groups of students are seeking this preparation: First, mature young people, with or without experience in teaching, who have had little or no high school instruction and who cannot attend for a whole high school course; second, students who wish to begin teaching at the conclusion of a regular four year high school course; and third, high school graduates who wish to give a year or a year and a summer to preparation for rural school teaching.

A few students are now going from graduation in the life certificate course (two years of study after graduation from high school) to teaching in rural schools. It is suggested that they elect rural school method, rural sociology and agriculture. Holders of life certificates or graded school certificates, who expect to teach in the country the coming year will be directly helped by any of the special courses here offered. The attention of such students is called to the courses in Rural School Methods announced under “Teaching” on a subsequent page.

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 24 and August 2. 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 3:00 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.
MISS GREEN.

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.

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 GOODRICH.

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 GOODRICH.

TRAINING SCHOOL

In addition to the kindergarten, the first and second, 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 General Methods and Rural School Methods. Each critic will reserve the 11 o'clock period for conference and general discussion with the observers in the grade and it is expected that students observing will attend at least one conference each week.

Students taking observation in any course, should fill out cards in the office of the Training School as soon as their regular enrollment is completed.

MISS DENSMORE and CRITIC TEACHERS.