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THE Normal School Bulletin

Number 71

January 1, 1921

EASTERN ILLINOIS STATE NORMAL SCHOOL
CHARLESTON

ANNOUNCEMENT OF THE SUMMER TERM

Twelve Weeks
1921

First Half Term, June 13-July 22
Second Half Term, July 25-September 2

The Normal School Bulletin

PUBLISHED QUARTERLY BY THE EASTERN ILLINOIS
STATE NORMAL SCHOOL.

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No. 71	CHARLESTON, ILLINOIS	January 1, 1921
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Summer Term
Twelve Weeks
1921

First Half Term, June 13-July 22
Second Half Term, July 25-Sept. 2

Eastern Illinois State Normal School - Charleston

(Printed by Authority of the State of Illinois)

(31331—10M—3-21)

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THE SCHOOL CALENDAR

1921

MID-SPRING TERM

Monday, April 25, 11:00 A. M.....Registration
Friday, June 3.....Term ends

SUMMER TERM

First Half Term

Monday, June 13, 8:00 to 12:00 A. M. }
1:30 to 5:00 P. M. }Registration
Tuesday, June 14, 7:30 A. M.....Class Work begins
Monday, June 27, 8:00 A. M.....Special Examinations
Friday, July 22, 12:10 Noon.....First Half Term ends

Second Half Term

Monday, July 25, 10:00 A. M.....Registration
Tuesday, July 26, 7:30 A. M.....Class Work begins
Friday, September 2, 12:10 Noon.....Second Half Term ends

FALL TERM, 1921-1922

Monday, September 12, 8:00 A. M.....Registration
Tuesday, September 13, 7:30 A. M.....Class Work begins

STATE OF ILLINOIS
DEPARTMENT OF REGISTRATION AND EDUCATION
THE NORMAL SCHOOL BOARD

EX-OFFICIO MEMBERS

W. H. H. MILLER, Director of Registration and Education,
Springfield, Chairman

FRANCIS G. BLAIR, Superintendent of Public Instruction,
Springfield, Secretary

APPOINTED MEMBERS

1917-1921

FRANK E. RICHEY, LaSalle

HENRY A. NEAL, Charleston

ELMER T. WALKER, Macomb

1917-1923

FRANK B. STITT, El Paso

LEROY A. GODDARD, Chicago

WILLIAM B. OWEN, Chicago

1919-1925

ROLAND E. BRIDGES, Carbondale

CHARLES L. CAPEN, Bloomington

JOHN C. ALLEN, Monmouth

Under the provisions of the Civil Administrative Code for the consolidation of state agencies under the direction of the Governor, the five state normal schools of Illinois are controlled by a single board consisting of eleven members; the Director of Registration and Education, who is ex-officio chairman, the Superintendent of Public Instruction, who is ex-officio secretary, and nine members appointed by the Governor for terms of six years.

THE FACULTY

FIRST HALF TERM

LIVINGSTON C. LORD.....	President
A. M., Harvard University; LL.D., University of Illinois	
FRIEDERICH KOCH.....	Music
ELLEN A. FORD.....	Algebra and English
A. M., Syracuse University	
ALBERT B. CROWE.....	Physical Sciences
A. M., Hanover College	
ISABEL McKINNEY.....	English
A. M., Columbia University	
FLORENCE V. SKEFFINGTON.....	English
A.B., University of Chicago	
S. E. THOMAS.....	History and Government
A. M., University of Iowa	
CHARLES P. LANTZ.....	Physical Education
B. S., Gettysburg College	
HOWARD DeF. WIDGER.....	English
A. B., Yale University	
FISKE ALLEN.....	Supervisor of Training School
A.B., Indiana University; A.M., Columbia University	
EDITH E. RAGAN.....	English
Indiana State Normal School	
HELEN FERN DARINGER.....	English
Ph.B., University of Chicago	
MARGUERITE ROOKE.....	Home Economics
B.S., Millikin University; Lewis Institute	
RUTH E. MAJOR.....	School Music
B.S., Kansas State Normal School	
R. J. SEYMOUR.....	Physiology and Hygiene
M.D., Ohio State University	
ORRA E. NEAL.....	English
HOMER G. INGRAM.....	Manual Arts
Illinois State Normal University, Chicago Art Institute	
LENA B. ELLINGTON.....	History
A.M., Columbia University	
EARL H. HALL.....	Biological Science
B.S., M.S., University of Chicago	
CHARLES S. SPOONER.....	Biological Science
A.B., Cornell University; A.M., University of Illinois	
GRACE E. MESSER.....	Fine and Applied Arts
Potsdam Normal School; Syracuse University	
MILDRED B. BIRDSEYE.....	Fine and Applied Arts
Art Institute of Chicago; Church School of Art	
GERTRUDE GOLDMAN.....	Hygiene
R.N. (Connecticut); N.B.I. Hospital, Newark, N. J.	
LEWIS ALBERT MOORE.....	Agriculture
B.S., University of Illinois	

SOPHIA A. SAUCERMAN.....Geography
B.S., University of Chicago
.....Geography
.....History
MARIE C. HEIBERG.....Arithmetic
A.B., St. Olaf College
MARGARET A. CANT.....Arithmetic
A.B., University of Minnesota
.....Arithmetic
.....Arithmetic
.....Arithmetic
.....Penmanship
.....Physical Education
.....Psychology
.....Reading
ALICE MARGUERITE PITTMAN..Training Teacher Seventh
Grade
Eastern Illinois State Normal School
Training Teacher Sixth Grade
JESSIE L. FORDE.....Training Teacher, Fifth Grade
A.B., Kansas State Normal School; A.M., Columbia University
Training Teacher, Fourth Grade
FLORENCE E. GARDINER, ..Training Teacher, Thirc. Grade
Wisconsin State Normal School; University of Chicago;
Columbia University
Training Teacher, Second Grade
GRACE GEDDES.....Training Teacher, First Grade
Eatern Illinois State Normal School; Columbia University
ANNA H. MORSETraining Teacher, First Grade
Illinois State Normal University; Columbia University
MINNIE E. CASSADY.....Training Teacher Rural School
Eastern Illinois State Normal School
MARTHA M. LARSEN.....Training Teacher Rural School
Illinois State Normal University
LURA BLACKBURN.....Recreation Director
A.M., University of Wisconsin
MARY J. BOOTH.....Librarian
A.B., Beloit College; B.L.S., University of Illinois
.....Assistant Librarian
MARION BAIRD.....Assistant Librarian
.....Assistant Librarian
GRACE EWALT.....Registrar
Office Assistant
EVA NELLE CHAMBERLIN....Stenographer
MARTHA MOLYNEAUX.....Head of Pemberton Hall
Miami University
WALTER H. NEHRLING.....Superintendent of Grounds
Missouri Botanical Gardens

GENERAL INFORMATION

Purpose and Plan.—The summer term of the Eastern Illinois State Normal School at Charleston begins on Monday, June 13. The first half term of six weeks closes on Friday, July 22. The second half term begins on Monday, July 25, and closes on Friday, September 2. Provision has been made to meet the needs of four classes of students:

1. Teachers of experience who wish to advance their professional or academic knowledge.
2. Supervisors and department teachers.
3. Those who are preparing to teach in schools that follow the Illinois Course of Study.
4. Those who wish to take regular work with a view to graduation from the Normal School.

To teachers of experience, advanced work is offered in various studies and special opportunities are provided for observation in the grades. For those who are preparing to teach in schools that follow the Illinois Course of Study, the subject matter and method suggested by this course are presented. There are classes in reading, grammar, arithmetic, geography, history, and physiology, the purpose of each being to equip the student with material which he can use in his teaching. Opportunity is also afforded students to attend lectures on school government and to observe illustrative lessons in the Training School.

Admission.—All teachers and persons expecting to teach next year are admitted without examination. Students who expect to continue in the Normal School are admitted in the usual way. Enrollment of students begins at eight o'clock, Monday morning, June 13. Class work begins Tuesday morning, June 14, at half past seven o'clock. Enrollment for the second half term begins at ten o'clock, Monday morning, July 25. Class work begins Tuesday, July 26.

Credit.—Credit is given for all courses equivalent to courses in the regular school year. A statement as to the amount of credit is given under each course. A credit means a term of twelve weeks in a subject requiring preparation and reciting five times a week. Fractional credits in unrelated courses cannot be offered as making a credit toward graduation. Students are urged to read carefully the description of the courses in order to choose wisely those suited to their needs and to their ability. Two credits may be earned in each half term; it is not advisable to attempt to earn more than two credits in a half term.

Renewal of Certificates.—A certified statement of professional training is required for the first renewal of a second

SECOND HALF TERM

HOWARD DeF. WIDGER.....	Director
A.B., Yale University	
ANNA H. MORSE.....	Primary Education
Illinois State Normal University; Columbia University	
S. E. THOMAS.....	History
A.M., University of Iowa	
HELEN FERN DARINGER.....	English
Ph.B., University of Chicago	
HOMER G. INGRAM.....	Manual Arts
Illinois State Normal University; Chicago Art Institute	
CHARLES S. SPOONER.....	Biological Science
A.B., Cornell University; A.M., University of Illinois	
GRACE E. MESSER.....	Fine and Applied Arts
Potsdam Normal School; Syracuse University	
RUTH HOSTETLER.....	Arithmetic
B.S., University of Chicago	
.....	Education
SOPHIA A. SAUCERMAN.....	Geography
B.S., University of Chicago	
.....	Music

Names of teachers, with the exception of training teachers, are printed in the order of their engagement.

grade elementary school certificate. The eighteen weeks required by law may be made up of six normal school credits. Two of these credits may be earned in a six weeks' term.

Expenses.—No tuition is charged for the summer session to those who are to teach in Illinois. An incidental fee of one dollar for each half term covers all expenses in the zoological, botanical, physical, and chemical laboratories, in the library, and in other departments of the school. A small fee is charged to cover material in drawing, manual training, and home economics. All necessary text-books are rented to students of the summer school for one dollar for each half term of six weeks.

Board and room in Pemberton Hall cost \$7.50 a week; board costs \$6.00 a week. In private families, the cost is about the same. A committee from the faculty and students assists students in selecting boarding places and rooms.

Following is an estimate of expenses for a six weeks' term:

Incidental fee.....	\$ 1.00
Book rent.....	1.00
Board for six weeks.....	36.00
Room rent six weeks, two in room, each	9.00
Laundry.....	3.00

Total.....\$50.00

Registration.—Directions for registering on Monday, June 13, 1921, 8:00 to 12:00 a. m. and 1:30 to 5:00 p. m. and for the second term on Monday, July 25, at 10:00 a. m.

1. Arrange for board and room and keep a record of your street and number and your telephone number.
2. Fill enrollment blank carefully in ink at the tables in the front entrance hall.
3. Present enrollment blank for inspection at the information desk, where you will be told the name and room number of your faculty adviser.
4. Pay incidental fee (\$1.00) and book rent (\$1.00) or leave scholarship at the cashier's office.
5. Take enrollment blank and cashier's receipt to your faculty adviser where your directory card will be filled in ink. (The list of faculty advisers is posted near the information desk.)
6. Present at the desk in the text-book library your enrollment blank, cashier's receipt, and directory card and receive your text-books.
7. Report for regular class work at 7:30 on Tuesday morning, June 14, for the first half term; on Tuesday, July 26, for the second half term.
8. Keep a marked copy of your programme, and have it with you if you need to make any requests for changes in it.

Announcements.—Morning exercises are held in the assembly hall daily at 9:10.

The assembly hall is a study room during all class periods from 8:20 a. m. to 3:40 p. m.

Students entering after Monday go to the office.

Every student should leave his Charleston address at the postoffice. Mail is not delivered to students at the school.

Training School.—Opportunity is offered for observation in the first seven grades and in a rural school. The teaching is done by the training teachers, who also give courses in special methods. The session of the Training School is from ten to twelve o'clock. Those who wish to observe work in the Training School should reserve the 11:20 period as well as the period for the corresponding courses in general observation and special methods. Special lessons in connection with the observation courses are given at 11:20 and all students in these courses must be free so as to see the lessons for their group even though they may regularly observe at some other period between ten and twelve.

A limited number of students entitled to senior standing in the Normal School are permitted to take practice teaching. Requests for this permission should be sent to the Supervisor of the Training School at least one week before the opening of the summer term. A statement of the student's classification in the Normal School or credits to be submitted for classification should accompany the request, also a statement of previous teaching experience.

A full explanation of these courses is found under Education in the Description of Courses.

Pemberton Hall.—Room and board can be secured in this building by one hundred teachers at \$7.50 a week, and board by about fifty more at \$6.00 a week. Applications for rooms are filed in the order in which they are received. Those desiring rooms should write as early as possible, as the demand will be in excess of the number that can be accommodated.

Gymnasium.—Adjoining Pemberton Hall is the gymnasium, a well lighted and ventilated room, equipped with Swedish apparatus, stall-bars, climbing ropes and ladders, horizontal and vertical window ladders, jumping standards, vaulting box and horse, and two Swedish booms. There are separate dressing rooms with private lockers and numerous shower baths. For outdoor work there is a large athletic field with a quarter mile cinder track and a baseball diamond, field hockey and basketball grounds, and several tennis courts. The equipment of the gymnasium and playground will interest teachers of physical education and public school teachers who are seeking knowledge on this subject.

Laboratories.—The botanical and zoological laboratories offer opportunities for experimental work and for verification of established facts of life. An excellent four-room greenhouse contains many plants of unusual interest and serves, moreover, as an important adjunct to the botanical laboratories.

Additional facilities for field observations and for obtaining laboratory materials are offered by a small lake, a lily pond, and a forestry of six thousand trees, all of which are within five minutes' walk of the biological laboratories. The laboratories of physics and chemistry contain the best of apparatus, essential to higher work, as well as many inexpensive and practical devices which can easily be reproduced in the grade or country school. The Manual Arts Building, and the laboratories for home economics and agriculture are adequately equipped. The school has a four-inch equatorial telescope which is of special interest to teachers of geography.

School Garden.—An opportunity is given of seeing the work done by pupils of the Training School in agriculture. Small plots of ground are planted and cared for by pupils under the direction of the gardener and the teachers. Connected with the students' garden are a model vegetable garden, a rose garden, and a garden for experimentation and exhibition purposes. All of these divisions are used for demonstrating the proper care of plants, the methods of propagation, crop rotation, and some of the principles of plant breeding.

Library.—The library containing more than 23,000 books and pamphlets is open to all summer school students. Exhibits of books on different subjects are made. During the summer school of 1920, books on the following subjects were exhibited:

Dramatization.

Books for primary teachers.

Books on physical education and games.

Free material useful in the study of geography.

Material for picture study.

For those who wish to obtain titles of books suitable to buy for school libraries lists selected by those familiar with children's books are provided and conferences with the librarian are arranged. An elementary course in the use of the library is offered this summer. Information as to this course is given in the Description of Courses.

Recreation.—There is a Director of Recreation for the first half term. Under her direction, there are pleasant evenings of singing, story-telling, games, and the presentation of plays.

Entertainment.—This summer, sometime during the first term, the Devereux Players will give a series of dramatic performances, consisting of one matinee and two evening programmes. This is the same company that last summer presented Shaw's "Arms and the Man", Rostand's "The Romançers", and Thomas's "Her Husband's Wife". The repertoire of plays is not known at this time.

Regular School Year.—The first term of the school year of 1921-1922 will begin Monday, September 12, at eight o'clock in the morning. A bulletin with full information will be sent to those who are interested.

SUMMER SCHOOL PROGRAMME

EXPLANATORY NOTES

A student may complete two credits in each half term. It is not advisable to attempt to complete more than two credits in a half term.

Courses marked with an asterisk are double courses, completing in six weeks the work of twelve weeks. Those in grammar and arithmetic are planned especially for young teachers who wish to master the subject matter for use in their schools next year, and for high school graduates working for credit toward graduation.

The one period courses in arithmetic and in grammar, all the courses in geography, and the course in History 8a are planned for those who follow the Illinois Course of Study in their schools. Grammar 21a is seventh grade grammar; Grammar 21b is eighth grade work. Arithmetic 1a covers the work of the first six grades; Arithmetic 2a the work of the seventh and eighth grades. Students needing more work in arithmetic or grammar than can be taken in a single course are advised to include in their programme a double course in the subject most needed.

Students are urged to read carefully the description of a course before deciding to take it. High school graduates working for credit in the two-year course, should plan their work in accordance with statements given under the heading, "Curriculums for High School Graduates".

The Training School is in session from ten to twelve. Those who wish to observe the work are required to reserve the 11:20 period.

The programme for the second half term may be found on the last page of this bulletin.

Courses numbered 1-19 count only below the junior year unless otherwise stated in the description of the course. Courses numbered 20-29 are required in one or more of the curriculums for graduates of accredited four-year high schools and are elective in any curriculum in which they are not required. Courses numbered 30 or above are elective for students in the junior year or above. The numbers of courses in the summer bulletin are the same as in the annual catalogue, but the numbers of courses not offered in the regular school year have not been changed. A letter added to the number of a course indicates that the course covers only a part of the course for which the number stands.

The work of the two-year diploma curriculum is as follows:

Education 20, 21 . . . 2 credits	Drawing 24 1 credit
Observation and Participation 24 1 credit	Manual Arts 24 . . . 1 credit
Psychology 20, 21 . . . 2 credits	Music 24 or 30 . . . 1 credit
Teaching 20, 21, 22 3 credits	Reading 24 1 credit
Arithmetic 20, 21 . . . 2 credits	Elective or Biology 1 credit
Biology 20 or 25, or	Penmanship 20 (1)
Elective 1 credit	Library 20 (1)
English 20, 21, 22	Physical Education 1,
(or 24) 3 credits	2, 3 (2)
Geography 20 1 credit	Physical Education
Geography 21 or English 23 1 credit	20, 21, 22 (2)
History 20, 21 2 credits	
Hygiene 20 1 credit	Total 24 credits

1. A credit is the amount of work done in a prepared subject reciting five periods a week for a term of twelve weeks.

2. Each subject has five fifty-minute periods a week unless otherwise indicated by a number in parentheses; but laboratory sciences have five sixty-minute periods; manual arts and home economics require ten periods a week for full credit. In each five period course, there is one unassigned recitation a week.

3. Students who have had a year of geography in this school substitute elective credits for Geography 20, 21. Students who are graduates of this high school, substitute an elective credit for biology. Those who have not had in high school a year of botany or zoology with laboratory work are advised to take a second term of biology. This second term counts as an elective credit.

4. Physiology 20 or the equivalent is prerequisite to Hygiene 20. A student who has not had the prerequisite may take Physiology 20 and count it as elective.

5. Since the numbers of courses in the summer bulletin are the same as those of the courses listed in the two-year curriculums, no table of equivalents is necessary.

CURRICULUMS FOR HIGH SCHOOL GRADUATES

The Normal School consists of the Junior College and the Senior College, each offering two years of work. Fifteen units of work in a recognized high school are required for admission to the Junior College. The work of the Junior College leads to a diploma which gives a "first grade elementary school certificate, valid in the first ten grades of the common schools of the county and in the high school when endorsed for the same by the county superintendent." The work of the Senior College leads to the degree of Bachelor of Education

and aims to prepare high school teachers, principals, superintendents, supervisors, department teachers and teachers of special subjects, as home economics and manual arts. Twenty-four credits are required for graduation from the Junior College and twenty-four additional credits for graduation from the Senior College. In addition to the required number of credits, physical education, penmanship, and work in the use of the library are required.

The following curriculums are offered:

I. The Two-Year Curriculum (24 credits) for preparation of teachers for the grades.

II. Four-Year Curriculums (48 credits each) for preparation of the following:

1. Primary Teachers.
2. Intermediate Teachers.
3. Grammar Grade Teachers, High School Teachers, and Teachers of Special Subjects:

- | | |
|---------------------|-------------------------|
| A. Agriculture | G. Home Economics |
| B. Art and Design | H. Manual Arts |
| C. English | I. Mathematics |
| D. Foreign Language | J. Music |
| E. Geography | K. Science (Biological) |
| F. History | L. Science (Physical) |

4. Supervisors and principals.

High School graduates may complete a two-year curriculum for preparation of teachers for the grades by attending one school year of three terms and three summer terms of twelve weeks each. They may be recommended for a second grade certificate without examination for the school year preceding the last summer term. They should take one of the three following programmes this summer:

I B

First Summer Term
 Arithmetic 20 (2 periods)
 English 20a
 Drawing 24a and 24b
 Education 21a

Second Summer Term
 Arithmetic 21 (2 periods)
 English 20b
 Reading 20
 Education 21b

II B

Psychology 20a
 Psychology 21a
 Reading 24a
 Geography 20 (2 hours)

Psychology 20b
 Psychology 21b
 English 22 (2 hours)

III B

History 34 (2 periods)
 Penmanship 20
 Hygiene 20 (2 periods)

History 35 (2 periods)
 English 21 (2 periods)

Many other programmes are possible for those who are not planning to take the three successive summers, as:

History 31 (2 periods)
 Geography 20 (2 periods)
 Penmanship 20

History 32 (2 periods)
 Arithmetic 21 (2 periods)

COURSES OFFERED

Agriculture.—Agronomy, Animal Husbandry (two courses), Agricultural Extension.

Drawing.—Elementary Drawing, Advanced Drawing, Design, Methods (two courses).

Education.—Methods and Observation in Graded Schools and in Rural Schools, Pedagogy, Special Methods, School Management, Principles of Education.

English.—Orthography, Composition, Grammar (four courses), Methods (two courses), Children's Literature (two courses), Shakespeare, Contemporary Literature.

Geography.—Physiography (two courses), South America, Europe.

History and Government.—American History (three courses), The History of Europe, Illinois, State and Local Government, The Federal Government of the United States.

Home Economics.—Domestic Art (three courses), Domestic Science (two courses).

Manual Arts.—Construction Work, Woodwork, Mechanical Drawing (six courses, first half term; seven courses, second half term).

Mathematics.—Algebra (three courses), Arithmetic (four courses).

Music.—Public School Music (four courses), Piano Lessons, Voice Lessons.

Penmanship.

Physical Education.—Athletic Coaching, Folk Dancing, Gymnastics and Games, Hygiene.

Psychology.—Scope and Method, Mental Elaboration, Mental and Social Measurement.

Reading.—Reading, Methods.

Science.—Botany (two courses), General Science, Human Physiology, Hygiene (two courses), Physics (three courses), Zoology (three courses).

DESCRIPTION OF COURSES

AGRICULTURE

30a. Agronomy.—Farm Crops. Requirements and cultural methods. Control of insect, weed, and disease enemies. Special reference to wheat, oats, alfalfa and corn. One-half of a credit.

First half term:

7:30, Room 12T, Mr. Moore.

30b. Agronomy.—Farm Crops. A continuation of Course 30a. Special emphasis upon legumes, roots, and the potato crop. (Omitted 1921). One-half of a credit.

31a. Soil and Plant Studies.—A study of soil formation. Its classification and management. (Omitted 1921). One-half of a credit.

31b. Soil and Plant Studies.—Continuation of Course 31a. Emphasis upon the relation of the soil to plants. (Omitted 1921). One-half of a credit.

32a. Horticulture.—The Farm Garden. Study of the Principles of Gardening. Planting and care of the vegetable garden. (Omitted 1921). One-half of a credit.

32b. Horticulture.—The Farm Garden. Study of the Principles of Orcharding. The farm fruit garden from planting to fruiting. (Omitted 1921). One-half of a credit.

33a. Dairy Husbandry.—Milk and Its Products. Testing milk and its products for butter fat. (Omitted 1921). One-half of a credit.

33b. Dairy Husbandry.—Milk and Its Products. Bacteria and their relation to dairy sanitation. (Omitted 1921). One-half of a credit.

34a. Animal Husbandry.—Principles of Feeding. Classification of feed stuffs and nutrients. Feeding Standards. One-half of a credit.

First half term:

8:20, Room 12T, Mr. Moore.

34b. Animal Husbandry.—Principles of Feeding. Continuation of Course 34a. Balanced rations. Compounding rations for common farm animals. One-half of a credit.

First half term:

9:40, Room 12T, Mr. Moore.

39a. Agricultural Extension.—This course is planned to meet the needs of country school teachers. It deals with problems of rural life. One-half of a credit.

First half term:

10:30, Room 12T, Mr. Moore.

39b. Agricultural Extension.—Continuation of Course 39a. Emphasis upon surveys, projects, and suggestions for supervisors, superintendents, and directors. (Omitted 1921). One-half of a credit.

ART

24. Elementary Drawing.—The course includes lettering, composition, and pose with emphasis on perspective, object drawing, design, and color harmony.

24a. One-fourth of a credit.

First half term:

9:40, Third floor east, Miss Birdseye.

Second half term:

10:30, Third floor east, Miss Messer.

24b. One-fourth of a credit.

First half term:

10:30, Third floor east, Miss Birdseye.

Second half term:

9:40, Third floor east, Miss Messer.

24c. One-fourth of a credit.

First half term:

8:20, Third floor east, Miss Birdseye.

24d. One-fourth of a credit.

First half term:

2:00, Third floor east, Miss Birdseye.

30a. Advanced Drawing.—Composition, outdoor sketching, and poster work. One-fourth of a credit.

First half term:

7:30, Third floor east, Miss Messer.

30b. Advanced Drawing, continued.—One-fourth of a credit.

Second half term:

8:20, Third floor east, Miss Messer.

33a. Design.—Study of color, principles of design, problems involving principles of rhythm, balance, and harmony. One-fourth of a credit.

First half term:

8:20, Third floor east, Miss Messer.

33b. Design, continued.—More direct application to decorative art and material. Wood block printing and batik. One-fourth of a credit.

Second half term:

8:20, Third floor east, Miss Messer.

37a. Method in Drawing, Grades 1-IV.—The course includes a discussion of the value of art in education; its relation to other subjects and to industries; and the methods of teaching drawing in the elementary grades; the planning of lessons. One-fourth of a credit.

First half term:

2:00, Third floor east, Miss Messer.

37b. Method, continued.—One-fourth of a credit.

Second half term:

2:50, Third floor east, Miss Messer.

38a. Method in Drawing, Grades V-VIII.—A course in method in drawing for the upper grades. One-fourth of a credit.

First half term:

2:50, Third floor east, Miss Messer.

38b. Method, continued.—One-fourth of a credit.

Second half term:

2:50, Third floor east, Miss Messer.

EDUCATION

The courses in education are of two kinds: Courses 1, 21a, and 4 deal with the principles underlying class room organization, management, and instruction; Courses 3, 5, 6, 7, 8, 9, 10, and 11 are for observation and discussion of the details of management and instruction, emphasis being placed on methods of instruction. Course 21a is equivalent to the first half of Education 21, school management. Course 4 is open only to those who take one of these courses: Course 5, 6, 7, 8,

9, 10, 11. Students taking Course 5, 6, 7 or 8 are required to take Course 4, Section I, and those who take Course 9, 10, or 11 are required to take Course 4, Section II. Course 4 with any one of these courses gives one-half of a credit in Observation 24, one credit being the maximum credit for two or more of these combined courses. The Training School is in session from ten to twelve. Students taking Observation 4 need to keep the 11:20 period free.

1. Rural School Methods and Management. The class discusses the work of a one-room school in which many grades are taught. The subject matter planned in the State Course of Study and other matters vital to the management and instruc-

tion of a rural school are presented. One-fourth of a credit when offered with Observation 3 (making one-half of a credit for the two courses combined). This credit counts only toward the renewal of a second grade certificate.

First half term:

Section I. 3:40, Room 6, Tuesdays and Thursdays, Miss Cassady.

Section II. 3:40, Room 6, Wednesdays and Fridays, Miss Larsen.

3. Rural School Observation.—Students spend fifty minutes each day watching regular class room work with a group of pupils ranging in age from five to fifteen years. In Course 1, these exercises and others suggested in the State Course of Study are discussed. One-fourth of a credit when offered with Observation 1 (making one-half of a credit for the two courses combined). This credit counts only toward the renewal of a second grade certificate.

First half term:

Section I. 10:30-11:20, Room 6, Miss Cassady.

Section II. 11:20-12:10, Room 6, Miss Cassady.

Section III. 10:30-11:20, Room 29, Miss Larsen.

Section IV. 11:20-12:10, Room 29, Miss Larsen.

4. General Observation.—This course gives an opportunity to study school problems through directed observation of the work done in the Training School. Besides individual observation of school routine and discipline, lessons for class observation and discussion are given in the various subjects by the training teachers. **Only students of junior standing or higher, or those who have taught at least one year should take this course.** The class meets daily for observation and discussion. Students need to keep the 11:20 period free for the observation of special lessons. One-fourth of a credit, Observation 24, when offered with Course 5, 6, 7, 8, 9, 10, or 11 (making one-half of a credit for the two courses combined).

First half term:

Section I. The first four grades, 2:50, Tuesdays and Thursdays, Room 7T, Mr. Allen.

Section II. The second four grades, 3:40, Wednesdays and Fridays, Room 7T, Mr. Allen.

5. Special Methods and Observation, Grade 1.—This course is intended to teach methods of presenting reading, games, language, number, and hand work to little children. Discussion includes problems of room management, discipline, seat work, and other things of interest to primary teachers. The course allows students to see a primary school in operation and discussions of the lessons actually observed form a part of the work of the class. Section I discusses methods of teaching pupils who are beginning the first grade; Section II discusses methods of teaching pupils who are finishing the first grade. One-fourth of a credit, Observation 24, when offered with Sec-

tion I of Course 4, (making one-half of a credit for the two courses combined).

First half term:

Section I. 2:50 Wednesdays and Fridays, Room 1T, Miss Morse.

Section II. 2:50, Wednesdays and Fridays, Room 8T, Miss Geddes.

6. Special Methods and Observation, Grade II.—This course consists of talks on methods of teaching reading, arithmetic, language, spelling, hand work, and games. Illustrative lessons in each of the subjects are given. Special emphasis is placed upon phonics and written language. Material and methods to be used in this grade are discussed by training teacher and observers. One-fourth of a credit, Observation 24, when offered with Section I of Course 4, (making one-half of a credit for the two courses combined).

First half term:

2:50, Wednesdays and Fridays, Room 2T, Miss

7. Special Methods and Observation, Grade III.—This course consists of talks on methods of teaching reading, arithmetic, language, spelling, music, and hand work. Illustrative lessons in each of the subjects are given. Special emphasis is placed upon written language, dramatizing, and folk games. Material to be used in the work of this grade is discussed and suggestive lists of stories for language, stories for dramatizing, and games are given. One-fourth of a credit, Observation 24, when offered with Section I of Course 4, (making one-half of a credit for the two courses combined).

First half term:

2:50 Wednesdays and Fridays, Room 3T, Miss Gardiner

8. Special Methods and Observation, Grade IV.—In this course emphasis is placed on the study lesson as a preparation for independent study. Methods in reading, literature, language, arithmetic, and geography are discussed and illustrated by lessons given in the fourth grade. Lessons illustrating the study of pictures are given. Poems are studied and committed to memory. Dramatization is used in connection with reading lessons for the purpose of improving expression in oral reading. Other lessons emphasize speed in silent reading. Some of the lessons in language illustrate the organization of subject matter. They make use of this ability to organize subject matter in doing supplementary reading for topics assigned for study in some of the geography lessons. One-fourth of a credit, Observation 24, when offered with Section I of Course 4, (making one-half of a credit for the two courses combined).

First half term:

2:50 Wednesdays and Fridays, Room 4T, Miss

9.. Special Methods of Observation, Grade V.—This course includes methods of teaching the various subjects of the fifth grade and typical lessons in those subjects, emphasizing also

training in habits of study. One-fourth of a credit, Observation 24, when offered with Section II of Course 4, (making one-half of a credit for the two courses combined).

First half term:

3:40, Tuesdays and Thursdays, Room 5T, Miss Forde.

10. Special Methods and Observation, Grade VI.—Methods, discussions, and observation of the work of the sixth grade. One-fourth of a credit, Observation 24, when offered with Section II of Course 4, (making one-half of a credit for the two courses combined).

First half term:

3:40, Tuesdays and Thursdays, Room 6T, Miss

11. Special Methods and Observation, Grade VII.—Methods, discussion, and observation of the work of the seventh grade. One-fourth of a credit, Observation 24, when offered with Section II of Course 4, (making one-half of a credit for the two courses combined).

First half term:

3:40, Tuesdays and Thursdays, Room 7T, Miss Pittman.

12. Pedagogy.—The course deals with the application of scientific principles to the solution of problems of instruction and class management. Consideration is given to the aims of elementary education, to the development of the curriculum, and to the pedagogy of the common school subjects. The arrangement of the class room programme, the question of adequate records, the assigning of marks, and the problems of discipline are discussed. One-half of a credit but only toward the renewal of a second grade certificate.

First half term:

8:20, Room 17, Mr.

20a. Principles of Education.—Through discussion of the nature and aims of education, foundations are laid for notions of educational values, selection of the curriculum, methods of teaching and the school management course which follows. One-half of a credit.

Second half term:

9:40, Room 17, Mr.

21a. School Management.—The course is designed primarily for those who have had some experience in teaching and wish to study their problems of class management and instruction. School organization and control, including the making of a programme, discipline, and kindred topics, are discussed. Methods for securing study and attention to the recitation and the conditions determining desirable class activity are emphasized. One-half of a credit.

First half term:

8:20, Room 29, Mr. Allen.

21b. School Management.—One-half of a credit.
Second half term:

8:20, Room 17, Mr.

20a, 21a, 22a. Teaching.—This is the regular course in practice teaching. Its primary purpose is to develop skill in teaching through real experience in class instruction under the direction of a training teacher. Students entitled to senior standing in the Normal School may apply to the supervisor of the Training School at least a week before the opening of the summer school for permission to take this course. One-half of a credit.

First half term:

10:00-11:00, Training School.

24. Primary Education.—The course deals with reading, number, dramatization, story telling, games, and other activities belonging to a primary school. The course is given in two parts as follows:

24a. First Part.—One-half of a credit.

Second half term:

7:30, Room 18, Miss Morse.

24b. Second Part.—One-half of a credit.

Second half term:

8:20, Room 18, Miss Morse.

25a. Primary Drawing and Handwork.—One-half of a credit.

Second half term:

9:40, Room 18, Miss Morse.

27a. Folk Games and Primary Music.—One-half of a credit.

Second half term:

10:30, Room 18, Miss Morse.

ENGLISH

Students who wish to get credit for subjects in the regular courses of the Normal School should study the following statement of equivalents.

Courses 1, 2, and 3 with 22a or 22b are equivalent to

English 1, 2, 3;

Courses 7a and 7b, to English 7;

Courses 30a and 30b to English 30;

Courses 21a and 21b or Courses 1 and 21b, or 2 and 21a to English 21;

Courses 22a and 22b, to English 22;

Courses 24a and 24b, to English 24.

Those who wish to prepare to teach English in the seventh and eighth grades should take Courses 1, 2, 3, and 24b.

For those who wish to prepare for a teachers' examination in English, Courses 3, 24a, 22a, 22b, and either 1 and 2 or 21a and 21b are recommended.

Grammar 1.—Courses 1 and 2 include the fundamental principles of grammar. Course 1 covers the work outlined for the seventh year in the State Course of Study; the essential elements of a sentence as an expression of thought; nouns, pronouns, verbs, verbals, verb phrases, and co-ordinating conjunctions; analysis of single and compound sentences; some parsing. Grammar 1 with Courses 2, 3, and 22a or 22b gives credit for English 1, 2, 3; or with Course 21b it may be substituted for English 21. One credit as a part of English 1, 2, 3; one-half of a credit as part of English 21. **Two hours daily.**

First half term:

Section I. 7:30 and 2:00, Room 30, Miss McKinney.

Section II. 7:30 and 2:00, Room 24, Miss Ragan.

Grammar 2.—This is a continuation of Course 1. It covers approximately the eighth year work in the State Course of Study; adjuncts, adjectives, adverbs, prepositions, and subordinating conjunctions; analysis of single, compound, and complex sentences; some parsing. Together with Courses 1, 3, and 22a or 22b, Grammar 2 gives credit for English 1, 2, 3; or with Course 21a it may be substituted for English 21. One credit as a part of English 1, 2, 3; one-half of a credit as a part of English 21. **Two hours daily.**

First half term:

8:20 and 2:50, Room 24, Miss Ragan.

Composition 3.—Elementary Composition: Methods and Practice.—This course includes theme-writing, mostly narration and description, letter writing, with insistence on some of the more elementary applications of grammar to composition. The reading of two books, fiction, is required and reports are made by the students on these books. Together with Courses 1, 2, and 22a or 22b, this course gives credit for English 1, 2, 3. One-half of a credit as a part of English 1, 2, 3.

First half term:

10:30, Room 40, Miss Neal.

7a. Shakespeare.—The class studies "A Mid-summer Night's Dream" and "King Lear". The chief aim of this course, as of the others in Shakespeare, is the understanding and enjoyment of each play as a piece of dramatic action. Versification is emphasized with the first play and dramatic preparation with the second. Throughout the term supplementary work is done in the life of Shakespeare. This course may be counted toward English 7 or toward an elective A,B credit. One-half of a credit.

First half term:

9:40, Room 33, Miss Daringer.

7b. Shakespeare.—The class studies "The Merchant of Venice" and "Macbeth". The special topic emphasized with the first is dramatic construction and with the second, dramatic characterization. The supplementary work covers topics in Elizabethan life, especially the theatre. This course may be counted toward English 7 or toward an elective A,B credit. One-half of a credit.

Second half term:

9:40, Room 33, Miss Daringer.

17. Orthography and Word Analysis.—This course deals with the work outlined in the State Course of Study under the headings, "Spelling" which deals with the work of the lower grades and "Orthography" which considers the work of the seventh and eighth grades. The work in word analysis aims at a better understanding of English words.

First half term:

9:40, Room 38, Miss Ford.

20. Composition.—Course 20 is intended primarily to insure a fairly adequate equipment in English to prospective teachers. Clearness in thought and expression, with correctness in grammar and spelling, is insisted upon. Further work is required of all who, upon completing the course, fail to meet a definite standard of proficiency, this proficiency to be attested by the work done not only in the English class, but in all others. This course is open to high school graduates only. It is offered in two parts, as follows:

20a. One-half of a credit only when followed by Course 20b, making one credit for the two courses combined.

First half term:

10:30, Room 10, Mr. Widger.

20b. Prerequisite Course 20a. One-half of a credit.

Second half term:

10:30, Room 10, Mr. Widger.

21a. Grammar in the Illinois Course of Study, Seventh Year.—Students needing considerable work in subject matter should take Grammar 1 and 2 instead of English 21a and 21b. This course covers the same grammatical material as Grammar 1 but with greater haste. With English 21b or Grammar 2, it may be counted for English 21. One-half of a credit.

First half term:

Section I. 8:20, Room 40, Miss Neal.

Section II. 9:40, Room 40, Miss Neal.

Section III. 2:00, Room 40, Miss Neal.

Section IV. 7:30, Room 10, Mr. Widger.

Second half term:

10:30, Room 33, Miss Daringer.

21b. Grammar in the Illinois Course of Study, Eighth Year.—Students needing considerable work in subject matter should take Grammar 1 and 2 instead of English 21a and 21b.

This course covers the same grammatical material as Grammar 2 but with greater haste. With English 21a or Grammar 1, it may be counted for English 21. One-half of a credit.

First half term:

Section I. 9:40, Room 27, Miss Skeffington.

Section II. 10:30, Room 27, Miss Skeffington.

Section III. 2:50, Room 33, Miss Daringer.

Second half term:

8:20, Room 10, Mr. Widger.

22a. Literature for Children in the First Six Grades.—

The main purpose of Courses 22a and 22b is to give an introduction to the field of literature for these grades. In Course 22a, fable, folk-lore, myth, legend, romance are considered. This course with Courses 1, 2, and 3 gives credit for English 1, 2, 3; or with Course 22b for English 22. One-half of a credit.

First half term:

Section I. 7:30, Room 33, Miss Daringer.

Section II. 8:20, Room 10, Mr. Widger.

Second half term:

8:20, Room 33, Miss Daringer.

22b. Literature for Children in the First Six Grades.—

See Course 22a. In Course 22b, poetry and modern stories are considered. With Courses 1, 2, and 3, it gives credit for English 1, 2, 3; or with Course 22a for English 22. One-half of a credit.

First half term:

Section I. 8:20, Room 30, Miss McKinney.

Section II. 10:30, Room 33, Miss Daringer.

Second half term:

7:30, Room 33, Miss Daringer.

24a. Methods in Fifth and Sixth Year English.—

This course covers the fifth and sixth year language work as fully as time permits, including discussion of material, purposes, standards, theme-topics, correcting of compositions, and methods of teaching. With Course 24b, this course gives credit for English 24. One-half of a credit.

First half term:

10:30, Room 30, Miss McKinney.

24b. English in the Seventh, Eighth, and Ninth Years.—

This course considers the composition and literature for these years as fully as time permits. With Course 24a, the course gives credit for English 24. One-half of a credit.

First half term:

7:30, Room 27, Miss Skeffington.

38. Readings in Contemporary Literature.—

This course introduces the student to some of the best in contemporary English and American literature. Elective in the junior college and accepted for English 25.

38a. Prose.—One-half of a credit.

First half term:

9:40, Room 10, Mr. Widger.

38b. Poetry.—One-half of a credit.

Second half term:

9:40, Room 10, Mr. Widger.

GEOGRAPHY

The courses are arranged to cover, as far as possible, the work in geography in the State Course of Study and at the same time to count for credit. Courses 20, 21, and 30 count for **Geography 1, 2, 3**; Courses 20 and 21, for required junior and senior geography; Courses 30, 31, 32, 33, 37, and 39, for A, B elective.

20. Physiography.—This course covers work for the fourth year of the State Course of Study and helps to form a basis for all work in geography. It is not fourth grade geography or merely the work of the fourth year. It includes a study of land forms, of the work of air, water, ice, and internal forces in changing the earth's surface; and of the influence of these upon the distribution and lives of people. The interpretation and use of topographic maps are a part of the course. One credit. **Two hours daily.**

First half term:

9:40 and 3:40, Room 16, Mrs. Saucerman.

Second half term:

7:30 and 2:00, Room 16, Mrs. Saucerman.

21. Climatology.—This course covers work for the seventh and eighth grades in the State Course of Study. It includes mathematical geography and a study of the circulation of the atmosphere and of climate. It forms a foundation for all regional geography. One credit. **Two hours daily.**

First half term:

Section I. 8:20 and 2:50, Room 16, Mrs. Saucerman.

Section II. 9:40 and 3:40, Room 11,

Second half term:

8:20 and 2:50, Room 16, Mrs. Saucerman.

30. North America.—This course covers work for the fifth and sixth years of the State Course of Study. (Omitted 1921). One credit. **Two hours daily.**

31a. South America.—This course covers work for the seventh year of the State Course of Study. It gives a general method of studying and teaching the geography of any continent, and an opportunity for a thorough study of South America. No text is used but the library is well supplied with reading matter on South America; thus the student has oppor-

tunity for becoming acquainted with a variety of sources for practice in the organization of material and in the use of wall maps, outline maps, diagrams, pictures, and lantern slides. One-half of a credit.

First half term:

7:30, Room 11,

32a. Europe.—This course covers work for the fifth and seventh years of the State Course of Study. One-half of a credit.

First half term:

8:20, Room 11,

HISTORY AND GOVERNMENT

The elementary courses, 7a, 8a, 9a, 1b, and 2b, are planned for those preparing to teach in the grades. Students making one credit in each of the courses, 7a and 8a, and one-half of a credit in each of the two of the three courses, 9a, 1a, and 2a, receive three credits of elective history and government in the fourth year of the high school course. In addition to the study of the subject matter these courses include a discussion of methods of teaching and of the most useful aids for each course. Graduates of accredited high schools receive no credit for the above named courses. The advanced courses, 20, 32, 33, 34, and 35, are open to students of at least junior standing in this school, or the equivalent of junior standing. They involve a broader and more intensive study of a shorter period of history. In addition to creditable class work, a considerable amount of library reading is required. Credits count for the required history in the senior year of the two-year course in the Normal School, or as elective in the junior or senior year.

7a. American History to 1800.—A review of subject matter from the discovery and exploration through the organization of the national government; a brief discussion of suggested courses of study for Junior High Schools; the selection of libraries for use in history, and methods of history teaching. Illustrative lessons with seventh grade class. One-half of a credit. By special arrangement with the instructor, one credit may be made.

First half term:

11:20, Room 35, Miss

8a. The History of the United States, 1800 to the Present.—The westward expansion and the significant changes in the political and industrial life of the people, the causes of the Civil War, the problems of reconstruction, and the most important events in our recent history. The course is planned for teachers of history or supervisors of history teaching. It considers the teaching of history in the second year of Junior High

Schools and in Senior High Schools. One-half of a credit. By special arrangement with the instructor one credit may be made.

First half term:

Section I. 10:30, Room 35, Miss

Section II. 2:00, Room 35, Miss

9a. The History of Illinois.—The early French explorations and settlements, the English conquest, the conquest by George Rogers Clark, the territorial development and organization, the admission of Illinois as a state and its later political and industrial development. The relation of events in Illinois history to the broader movements in American history are kept constantly in mind. One-half of a credit.

First half term:

7:30, Room 35, Mr. Thomas.

1a. State and Local Government.—A major part of the time is given to the study of the organization and functions of the state and local government in Illinois. But consideration is given to important points of difference in organization and practice in other states. One-half of a credit.

First half term:

Section I. 8:20, Room 9, Miss

Section II. 9:40, Room 35, Mr. Thomas.

2a. The Federal Government of the United States.—Its organization and functions and present day problems; and the relations of the state and federal government. One-half of a credit.

First half term:

Section I. 9:40, Room 9, Miss Ellington.

Section II. 10:30, Room 9, Miss Ellington.

The following courses count either as junior-senior elective or as required work in the senior year.

31. The History of Europe, 1648-1815.—One credit. Two hours daily.

First half term:

8:20 and 2:50, Room 35, Mr. Thomas.

32. The History of Europe since 1815.—Special emphasis is placed on the political and industrial changes in England, the revolutionary movement of 1848, the unification of Italy and of Germany, the colonial expansion and commercial rivalry of the important states of Europe, and the causes of the great war. One credit. Two hours daily.

Second half term:

8:20 and 2:50, Room 35, Mr. Thomas.

33. American History, 1492-1789.—(Omitted 1921). One credit. Two hours daily.

34. The History of the United States, 1789-1860.—One credit. Two hours daily.

First half term:

7:30 and 2:00, Room 9, Miss Ellington.

35. The History of the United States, 1860 to the Present.

—One credit. **Two hours daily.**

Second half term:

7:30 and 2:00, Room 35, Mr. Thomas.

HOME ECONOMICS

The work of the home economics department is divided into two parts: domestic science, which deals with foods; and domestic art, which has to do with clothing.

Domestic Science.—Courses 30, 31, and 32 constitute one year's work. One and a half credits, elective. A laboratory fee of two dollars (\$2.00) is charged to cover the cost of the materials used in each of these courses.

30. This course includes a general study of the different kinds of food materials and their use in our bodies, with a somewhat detailed study of beverages, fruit and its preservation, vegetables and vegetable cookery, and the cereal products. One-half of a credit. **Two hours daily.**

First half term:

7:30 to 9:10, Room 11T, Miss Rooke.

31. This course includes a study of eggs, milk, cheese, fats, sugars, meats, fish, and meat substitutes. One-half of a credit. **Two hours daily.**

First half term:

7:30 to 9:10, Room 11T, Miss Rooke.

32. This course includes a study of salads and salad dressings, croquettes, gelatin, bread, baking powder, flour, yeast, cakes, and pastry. (Omitted 1921). One-half of a credit. **Two hours daily.**

Domestic Art.—Courses 30, 31, and 32 constitute one year's work. One and a half credits, elective. A laboratory fee of thirty-five cents (\$0.35) is charged to cover the cost of drafting paper and material used for models. Students furnish their own material for garments.

30. This course includes hand and machine sewing, pattern drafting, garment making, methods of applying trimming, and a study of the kinds of seams and their use. One-half of a credit. **Two hours daily.**

First half term:

9:40 to 11:20, Room 11T, Miss Rooke.

31. This course includes a continued study of pattern drafting and garment making and a study of machine attachments, making of gussets and the finishes for garments. One-half of a credit. **Two hours daily.**

First half term:

9:40 to 11:20, Room 11T, Miss Rooke.

32. In this course pattern drafting is continued and to this is added the making of a shirtwaist dress, repairing garments, patching, darning, simple embroidery stitches, and suggestions for articles that would form suitable problems for elementary or rural school children. (Omitted 1921). One-half of a credit. **Two hours daily.**

33. **Dressmaking.**—The making of dresses of silk and of wool. The choice and care of clothing. One-half of a credit. **Two hours daily.**

First half term:

9:40 to 11:20, Room 11T, Miss Rooke.

LIBRARY USE

The aim of this course is to teach students to use the library with some degree of skill. Certain courses offered in the school require considerable work in the library, including reading and looking up of references and assigned topics. To do this work with a wise expenditure of time and effort, students should know how to use the card catalogue, magazine indexes, and some reference books. Lessons, required of all students, are given to eleventh year students and to juniors. The course offered this summer is accepted for the work of eleventh year students and for high school graduates who enter this school as juniors.

XI. Use of the Library.—Instruction and problems in the use of the catalogue, dictionaries, encyclopedias, Readers' Guide, and reference books of geography, history, and biography.

First half term:

9:40, Wednesdays and Fridays, Room 18, Miss Booth.

MANUAL ARTS

24. **Primary Grade Handwork.**—This course has been worked out to meet the needs of teachers and supervisors of primary grades in city and rural schools. The typical school room and its equipment are considered. Work in paper folding, paper weaving, cardboard construction, bookbinding, wood construction, reed and raffia, basketry, and clay modeling will be given. It is divided into two parts as follows:

24a. **First Part.**—One-half of a credit. **Two hours daily.**

First half term:

2:00 to 3:40, Manual Arts Building, Mr. Ingram.

24b. Second Part.—One-half of a credit. **Two hours daily.**

Second half term:

2:00 to 3:40, Manual Arts Building, Mr. Ingram.

30. Mechanical Drawing.—Practical orthographic projection, freehand and instrumental lettering. This course is a prerequisite to all courses in manual arts except Course 24 and Course 25, but may be taken with Course 33 or Course 46. One-half of a credit. **Two hours daily.**

Both terms:

9:40 to 11:20, Manual Arts Building, Mr. Ingram.

31. Mechanical Drawing.—Mechanical perspective and isometric drawings of buildings and machines. Prerequisite, Course 30. One-half of a credit. **Two hours daily.**

Both terms:

9:40 to 11:20, Manual Arts Building, Mr. Ingram.

32. Mechanical Drawing.—Machine drawing and design. Prerequisite, Course 31. One-half of a credit. **Two hours daily.**

Both terms:

9:40 to 11:20, Manual Arts Building, Mr. Ingram.

52. Advanced Mechanical Drawing.—Architectural drawing. Prerequisite, Course 32.

Both terms:

9:40 to 11:20, Manual Arts Building, Mr. Ingram.

33. Elementary Woodwork.—Prerequisite, Course 30, unless Course 30 is being taken with Course 33. One-half of a credit. **Two hours daily.**

Second half term:

7:30 to 9:10, Manual Arts Building, Mr. Ingram.

36. Elementary Cabinet Construction.—The course includes lectures on furniture design and the designing and making of a piece of furniture. Power woodworking machinery is used throughout the course. The course is given in two parts as follows:

36a. First Part.—One-half of a credit. **Two hours daily.**

First half term:

7:30 to 9:10, Manual Arts Building, Mr. Ingram.

36b. Second Part.—One-half of a credit. **Two hours daily.**

Second half term:

7:30 to 9:10, Manual Arts Building, Mr. Ingram.

MATHEMATICS

Arithmetic.—The completion of Courses 20 and 21 gives credit for Courses 20 and 21, required of juniors.

20. Arithmetic for the First Six Grades.—This course includes notation and numeration, the fundamental operations with integers and with common and decimal fractions, factors and multiples, English and metric measures, involution and evolution, and simple problems in the measurement of surfaces and solids. The course covers the topics taken up in the first six grades as outlined in the Illinois State Course of Study. Special attention is given to the teaching of these topics in the lower grades. One credit. **Two hours daily.**

First half term:

Section I. 7:30 and 2:00, Room 25, Miss Heiberg.

Section II. 8:20 and 2:50, Room 25, Miss Heiberg.

Section III. 9:40 and 3:40, Room 39.

Second half term:

8:20 and 2:50, Room 25, Miss Hostetler.

21. Arithmetic for the Seventh and Eighth Grades.—The primary object of this course is to prepare for the teaching of arithmetic in the seventh and eighth grades. The principal topics discussed are percentage and its applications to practical business problems, ratio and proportion, and the mensuration of surfaces and solids. It is the aim of the class room instruction to familiarize the students with methods of instruction that can be readily adapted to the seventh and eighth grades. One credit. **Two hours daily.**

First half term:

Section I. 7:30 and 2:00, Room 18, Miss Cant.

Section II. 8:20 and 2:50, Room 18, Miss Cant.

Section III. 7:30 and 2:00, Room 11,

Section IV. 8:20 and 2:50, Room 39,

Section V. 7:30 and 2:00, Room 39,

Second half term:

7:30 and 2:00, Room 25, Miss Hostetler.

1a. Methods in Arithmetic in the First Six Grades.—In this course is discussed the work in arithmetic in the first six grades as outlined in the Illinois State Course of Study. The course includes a review of the more difficult parts of the subject matter, and discussion of methods of teaching. One-half of a credit.

First half term:

Section I. 7:30, Room 26,

Section II. 10:30, Room 26,

2a. Methods in Arithmetic in the Seventh and Eighth Grades.—The work of the seventh and eighth grades as outlined in the Illinois State Course of Study is taken up in this course. The course gives a review of the subject matter and discussion of methods of teaching. One-half of a credit.

First half term:

Section I. 8:20, Room 26,

Section II. 9:40, Room 26,

Algebra.—The completion of the three courses in algebra gives credit for Algebra 1, 2, 3 which are required in the high school.

1. This is a beginning course in algebra and covers algebraic notation, substitution and evaluation, the fundamental operations, the use of formulas, an introduction to graphs, and begins the study of equations of the first degree in one unknown. One credit. **Two hours daily.**

First half term:

7:30 and 2:00, Room 23, Mr. Lantz.

2. Important type products, factoring, highest common factor, lowest common multiple; fractions; simple equations in one unknown; ratio, proportion, and variation; graphs. One credit. **Two hours daily.**

First half term:

8:20 and 2:50, Room 23, Mr. Lantz.

3a. Simple equations in two or more unknowns; square root and its applications. One-half of a credit.

First half term:

7:30, Room 38, Miss Ford.

3b. Radicals and exponents; quadratic equations. One-half of a credit.

First half term:

8:20, Room 38, Miss Ford.

MUSIC

PUBLIC SCHOOL MUSIC

24. **Music Methods.**—A specific study of methods, including a study of the development, care, and preservation of the child voice and special practice in producing good tone patterns for children; it also includes discussion of materials for use in the grades. Some attention is paid to sight singing and ear training. Work outside of class is required in all courses in public school music. The course is given in two parts as follows:

24a. **First Part.**—One-half of a credit.

First half term:

7:30, Third floor east, Miss Major.

24b. **Second Part.**—Prerequisite, Course 24a or the equivalent. One-half of a credit.

First half term:

9:40, Third floor east, Miss Major.

37a. **Primary Music Methods.**—The teaching of rote songs. How to help monotones. Development and care of the child voice. Repertoire of children's songs. The work of the first

three grades is studied intensively. Prerequisite Course 24 or the equivalent. One-half of a credit.

First half term:

8:20, Third floor east, Miss Major.

38a. Upper Grade Methods.—Methods of teaching and supervising music in grades four to eight inclusive. Prerequisite, Course 24 or the equivalent. One-half of a credit.

First half term:

2:00, Third floor east, Miss Major.

INSTRUMENTAL MUSIC

Piano Lessons 30a, 33a, 36a. First Year, Second Year, Third Year.—One-fourth of a credit for Course 30a, 33a, or 36a. Students should arrange the time with Mr. Koch.

First half term:

7:30 to 12:10, Third floor center, Mr. Koch.

VOICE TRAINING

Voice Training 30a, 33a, 36a. First Year, Second Year, Third Year.—One-fourth of a credit for Course 20a, 33a, or 36a. Students should arrange the time with Mr. Koch.

First half term:

7:30 to 12:10, Third floor center, Mr. Koch.

PENMANSHIP

20. This course is intended for teachers who wish to improve their own writing or become familiar with a system of plain business writing and methods of presenting it to pupils in the grades. It is required in the junior year in all curriculums.

The course includes correct position, muscular movement exercises, business forms of capital letters, small letters, figures, sentences, and page writing. Emphasis is placed upon blackboard writing. One-fourth of a credit toward renewal of a second grade certificate.

First half term:

Section I. 7:30, Room 16, Miss

Section II. 10:30, Room 16, Miss

Section III. 11:20, Room 16, Miss

Section IV. 2:00, Room 16, Miss

PHYSICAL EDUCATION (MEN)

1. Athletic Coaching.—The course includes football, basketball, and baseball. It consists of class room work, lectures, interpretation of the rules, the technique of the game. Note-books are kept and an examination is given. This course is helpful for those who have charge of athletics and it is not necessary to have athletic experience to take the course, as there is very little practical or outdoor work. A baseball team will be organized. One-fourth of a credit, elective physical education or as required Physical Education 20.

First half term:

9:40, Room 23, Mr. Lantz.

PHYSICAL EDUCATION (WOMEN)

Three courses in physical education for women are offered, each counting one-fourth of a credit, but fewer than one and a half credits do not count toward graduation. The object of these courses is to give some knowledge and some practice in teaching gymnastics, folk dancing, and games in public schools and to prepare teachers for exercising intelligent oversight of the physical needs and conditions of school children.

20. Primary Singing Games, Dances, and Games.—This course is for teachers of the lower grades. All the dances and games are practiced and a record is kept of each. No gymnasium costume is **required**, but it is suggested that students wear a costume of bloomers (or full skirt), white middy blouse, and tennis shoes. One-fourth of a credit, or as required Physical Education 20.

First half term:

2:00, Gymnasium, Miss

21. Folk Dancing and Games.—This course is designed for teachers of the grammar grades and of the high school. It includes gymnastic and aesthetic dancing, dances of the nations, and a record of each; games for the school room, playground, and gymnasium. A costume of bloomers, white middy blouse, and tennis shoes is required. One-fourth of a credit or as required Physical Education 21.

First half term:

7:30, Gymnasium, Miss

30a. Physical Education.—This course includes Swedish calisthenics, dances and games suitable for the country school. There is some practice teaching in which sections of the class are used. No gymnasium costume is **required**, but it is suggested that the students use bloomers (or full skirt), white

middy blouse, and tennis shoes. One-fourth of a credit, elective physical education.

First half term:

8:20, Gymnasium, Miss

PSYCHOLOGY

These courses are designed to give the student clear ideas of some of the elements of psychology, training in introspection and in the handling of experimental data, and skill in the application of psychological principles to the interpretation of human conduct and to the art of teaching. Titchener's "A Beginner's Psychology" is used as the fundamental text. The study of the learning processes is based upon Thorndyke's "Educational Psychology". The discussion of instinct, emotion, and volition follows McDougall's "Dynamic Psychology". In Course 30a and Course 30b, the test material is studied with such explanatory reading as is furnished by the text on "Educational Measurements" by Monroe, DeVoss, and Kelly; by the monographs prepared by those who have devised and standardized test material and by the reports of school surveys in which use has been made of standard tests and scales

20a. Introduction to Psychology.—The problems of psychology; the nervous system as it conditions consciousness and conduct; the general conditions under which the nervous mechanism is modified through experience; the laws of learning; sensation and imagery. One-half of a credit.

First half term:

7:30, Room 17, Mr.

20b. Introduction to Psychology.—Attention; perception; association; memory; imagination; a more detailed study of learning and its laws; habit and the acquisition of skill. One-half of a credit.

Second half term:

7:30, Room 17, Mr.

21a. Introduction to Psychology.—Original nature, instinct, and emotion; other drives to conduct. One-half of a credit.

First half term:

10:30, Room 17, Mr.

21b. Introduction to Psychology.—Reasoning; volition; concept of self; consciousness and conduct as conditioned by group relationships; brief survey of the facts of abnormal psychology so far as they illuminate normal phenomena. One-half of a credit.

Second half term:

10:30, Room 17, Mr.

30a. Educational Measurements.—For supervisors, persons preparing for supervisory positions, and teachers who wish to make use of test material. Introduction to the simpler processes of the statistical method; examination of test material and practice in its use; the derivation of standard tests and scales. One-half of a credit.

First half term:

9:40, Room 17, Mr.

READING

24a. Reading.—Designed to improve the student's oral reading. Includes drill exercises and practice in reading before the class. Outside preparation and practice are required. One-half of a credit.

First half term:

Section I. 9:40, Room 24, Miss

Section II. 2:00, Room 29, Miss

24b. Methods.—Planned to give a knowledge of methods and devices used in teaching reading in the elementary schools. Outside preparation, including lesson plans on concrete lesson material, library reading, and other work is required. One-half of a credit.

First half term:

Section I. 10:30, Room 24, Miss

Section II. 2:50, Room 29, Miss

SCIENCE (BIOLOGICAL)

Botany.—Courses 1, 2, and 3 are elementary courses, making up the first year's work in botany, required in the tenth year. Those who plan to complete the year's work in successive summers should elect Botany 3 this summer. Courses 30, 31, and 32 are elective courses, but any one of them may be taken as part of the biology required in the junior year.

1. Morphology of the Lower Plants.—In this and the following course, the various kinds of plants are studied in the order of their evolution from the lowest to the highest types. The bacteria, algae, fungi, moss-plants, and fern-plants are included in Course 1. (Omitted 1921). One credit. **Two hours daily.**

2. Morphology of Seed Plants.—The origin and development of the highest group of plants, including a study of the orders and common families of flowering plants. Prerequisite, Botany 1. (Omitted 1921). One credit. **Two hours daily.**

3. Processes and Adjustments of Plants.—The ordinary activities of plants and their common relations to environment. The work includes physiological experiments, the study of structure as modified by varied exposure to external conditions, and the study of specialized parts of plants. One credit. **Two hours daily.**

First half term:

9:40 to 11:20, Third floor west, Mr. Hall.

30. Plant Ecology.—The factors of environment and an introduction to the study of community relations of plants. Field study of nearby forest and prairie vegetation, giving acquaintance with many native plants. Prerequisite, at least one-half year of botany. (Omitted 1921). One credit. **Two hours daily.**

31. The Local Flora.—Collection, identification, and preservation of plants growing in the vicinity of Charleston. The course develops an acquaintance with the common plant families and larger groups, with elementary treatment of their evolutionary relations. Prerequisite, at least one-half year of botany. One credit. **Two hours daily.**

First half term:

7:30 to 9:10, Third floor west, Mr. Hall.

32. Evolution of Flowering Plants.—Similar to Course 31, but with greater emphasis on evolutionary relations and current systems of classification. Prerequisite, at least one half year of botany. (Omitted 1921). One credit. **Two hours daily.**

Zoology and Physiology.—The purposes of these courses are: (a) to acquaint students with the subjects, (b) to give them knowledge of the subject matter, (c) to give some ability to work independently in these fields, (d) to train them to judge data, and (e) to derive correct conclusions from them; in other words, to acquire ability to think properly in these subjects. As aids in this work, the laboratory has a large number of specimens for study, illustration, and reference; also charts, models, lantern slides, and necessary working equipment, including a compound microscope for each student. The school campus has a large and varied fauna, so that field work rarely needs to be done elsewhere.

Courses 1-6 may be taken as beginning courses. Courses 1 and 2 with Course 3, 4, 5, or 6 give credit for **Zoology 1, 2, 3.** Course 1, 2, 3, 4, 5, or 6 may be substituted for **Biology 20.**

1. General Zoology.—This course is designed to give knowledge of the animal kingdom as a whole, by treating successively members of the lowest to the highest groups from the standpoint of structure, life-processes, ecology, and relation to man. One credit. **Two hours daily.**

First half term:

7:30 to 9:10, Third floor west, Mr. Spooner.

2. **General Zoology.**—The purpose of this course is the same as that of Course 1, except that more time is given to vertebrates and less to invertebrates. This course is equivalent to **Zoology 2** of the regular year. (Omitted 1921). One credit. **Two hours daily.**

3. **Field Zoology.**—The purpose of this course is to acquaint pupils with some of the more interesting and important animals of the Illinois fauna. Behavior, ecology, economic importance, and life-histories are given especial attention. More studies of birds and insects are made than of other animal groups; and in this course the work is limited almost entirely to the open field or prairie animal habitat. Exercises in collecting and preparing specimens should make this course of value to teachers of nature study or of elementary agriculture. (Omitted 1921). One credit. **Two hours daily.**

4. **Field Zoology.**—This course is the same as Course 3, except that it deals chiefly with **woodland or forest animals.** (Omitted 1921.) One credit. **Two hours daily.**

5. **Field Zoology.**—This is the same as Course 3, except that it deals with **aquatic animals.** (Omitted 1921). One credit. **Two hours daily.**

6. **Field Zoology.**—Similar to Courses 3, 4, and 5, except that representatives of the three habitats, forest, prairie, and pond and stream are studied. This permits the student, in one summer, to compare the animals and the conditions under which they live in the various habitats. One credit. **Two hours daily.**

Second half term:

9:40 to 11:20. Third floor west, Mr. Spooner.

33. **Economic Zoology.**—A study of animals of economic importance. These are included largely among the insects, birds, and mammals. Field work forms an important part of the course. The habits and means of control of the enemies of crops are studied, such as the Hessian fly, of wheat; chinch bug, of corn; rabbits, of orchards and vegetables. The course is designed especially for those who intend to teach elementary agriculture. Prerequisite, one half year of zoology or biology.

First half term:

2:00 to 3:40, Third floor west, Mr. Spooner.

43. **Advanced Zoology.**—This course is arranged to meet the desires and attainments of the individual student. Considerable latitude is given in the choice of a problem, the aim being to encourage and develop ability to pursue original investigations. Frequent conferences with the instructor are held to discuss methods of approach and results. Prerequisite, two years of work in zoology or biology. One credit. **Two hours daily.**

First half term:

9:40 to 11:20, Third floor west, Mr. Spooner. (Under some conditions this time may be changed to suit the convenience of the student.)

44. Advanced Zoology, continued.—One credit. Two hours daily.

Second half term:

9:40 to 11:20, Third floor west, Mr. Spooner.

20. Human Physiology.—An understanding of the life-processes of the human body, their nature, their initiation, their co-ordination, their functions, and the conditions under which they are performed, is the main purpose of this course. Anatomy is studied only so far as necessary for the understanding of the bodily activities. One credit. Two hours daily.

First half term:

9:40 to 11:20, Third floor west, Dr. Seymour.

Hygiene.—Here an application of the facts learned in the study of human physiology is made so as to show pupils how the human body may be maintained at its maximum efficiency as a working machine. Both **personal** and **public hygiene**, including sanitation, are considered. Prerequisite, one half year of high school physiology.

20a. Personal Hygiene.—One-half of a credit.

First half term:

7:30, Third floor west, Dr. Seymour.

Second half term:

8:20, Third floor west, Mr. Spooner.

20b. Public Hygiene.—One-half of a credit.

First half term:

8:20, Third floor west, Dr. Seymour.

Second half term:

7:30, Third floor west, Mr. Spooner.

SCIENCE (PHYSICAL)

Physics.—1a.—Mechanics of Solids and Fluids.—This course includes the study of force, work, energy, and power; the laws of motion, machines, and the principles of buoyancy and hydraulics. Lectures and recitations.. Open to those who have had one term of algebra. Two-thirds of a credit. Two hours daily.

First half term:

7:30 and 2:00, Room 37, Mr. Crowe.

1b. Mechanics of Solids and Fluids.—Laboratory work accompanying Course 1. One-third of a credit.

First half term:

8:20, Room 36, Mr. Crowe.

2a. Heat.—Mainly demonstration and recitation work but including four laboratory problems. This course and Physics 3 should follow the courses in mechanics. One-half of a credit.

First half term:

9:40, Room 37, Mr. Crowe.

2b. Sound and Light.—A course of lectures and recitations including four laboratory problems. (Omitted 1921). One-half of a credit.

3. Electricity.—A study of direct and alternating currents. In addition to demonstration and textbook work the class visits a modern power station and inspects the latest forms of generators and transformers. This course is intended for those who have completed Physics 1 and 2. (Omitted 1921). One credit.

General Science.—The course in general elementary science is an information course dealing with physical, chemical, and biological phenomena. Apart from the practical knowledge it gives, it is believed that it will arouse an interest in the sciences and encourage their farther study.

3. Air and Water.—This course covers the first sixteen chapters of Caldwell and Eikenberry's "General Science", with supplementary material. It includes besides the general characteristics of air and water such as composition and structure, related topics such as humidity, the seasons, weather, climate, food-making, distribution of germ life, hydraulics, water power, water supply, and sewage disposal.

First half term:

10:30, Room 37, Mr. Crowe.

THE REGULAR SCHOOL YEAR

The first term of the school year 1921-1922 will begin Monday, September 12, 1921, at eight o'clock in the morning. A bulletin with full information will be sent to those who are interested.

SUMMER SCHOOL PROGRAMME—SECOND HALF TERM, 1921

	7:30—8:20	8:20—9:10	9:40—10:30	10:30—11:20	2:00—2:50	2:50—3:40
Miss Messer Third Floor East		Drawing 30 b Drawing 33 b	Drawing 24 b	Drawing 24 a		Drawing 37 b Drawing 38 b
Mr. R 17	Psychology 20 b	Education 21 b	Education 20 a	Psychology 21 b		
Miss Morse R. 18	Education 24 a	Education 24 b	Education 25 a	Education 27 a		
Miss Daringer R. 33	Literature 22 b	Literature 22 a	Shakespeare 7 b	Grammar 21 a		
Mr. Widger R, 10		Grammar 21 b	English 38 b	Composition 20 b		
Miss Saucerman R. 16	Geography 20*	Geography 21*			Geography 20*	Geography 21*
Mr. Thomas R. 35	History 35*	History 32*			History 25*	History 32*
Mr. Ingram M	Manual Arts 33* Manual Arts 36 b		Manual Arts 30* Manual Arts 31* Manual Arts 32* Manual Arts 52*		Manual Arts 24 b	
Miss Hostetler R 25	Arithmetic 21*	Arithmetic 20*			Arithmetic 21*	Arithmetic 20*
Mr. Spooner Third Floor West	Hyg'ene 20 b	Hygiene 20 a	Zoology 6* Zoology 44*			

