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## Bulletin 95 - Summer Session 1927

Eastern Illinois University

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# The Teachers College Bulletin

Number 95

January 1, 1927

Eastern Illinois State Teachers College  
AT  
CHARLESTON

ANNOUNCEMENT OF THE  
SUMMER TERM

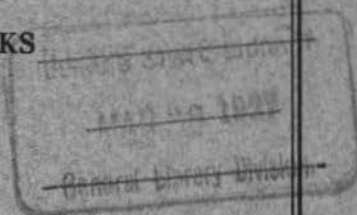
TWELVE WEEKS  
1927

Mid-Spring Term, April 25—June 4

*Summer Term:*

First Half Term, June 11—July 22

Second Half Term, July 25—September 2



12/10/91

# The Teachers College Bulletin

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PUBLISHED QUARTERLY BY THE EASTERN ILLINOIS  
STATE TEACHERS COLLEGE

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NO. 95

CHARLESTON, ILLINOIS

January 1, 1927

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## ANNOUNCEMENT OF THE SUMMER TERM

TWELVE WEEKS

1927

MID-SPRING TERM, APRIL 25—JUNE 4

### *Summer Term*

FIRST HALF TERM, JUNE 11—JULY 22

SECOND HALF TERM, JULY 25—SEPTEMBER 2

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Eastern Illinois State Teachers College at Charleston

(Printed by authority of the State of Illinois)

# MID-SPRING TERM—SIX WEEKS

APRIL 23 TO JUNE 4, 1927

Morning Exercises, Assembly Room, Main Building, 9:00-9:30

7:25-8:10	8:10-9:00	9:30-10:20	10:25-11:15	11:20-12:10	1:30-2:20	2:25-3:15
I Arithmetic 20* R. 38		II Arithmetic 20* R. 38			I Arithmetic 20* R. 38	II Arithmetic 20* R. 38
†English 26* R. 26	†English 21* R. 25		†English 20a R. 16	†English 21* R. 18	†English 26* R. 26	
	Manual Arts 24a M	Manual Arts 24b M	Drawing 24* Third floor east			
	Geography 20* R. 19					Geography 20* R. 19
Psychology 20* Music Room	Psychology 21* Music Room				Psychology 20* Music Room	Psychology 21* Music Room
Education 21* R. 33	Education 20* R. 33				Education 21* R. 33	Education 20* R. 33
History 33* R. 24					History 33* R. 24	

\* Two periods. These courses complete in 6 weeks the work of 12 weeks. The number of the room is indicated in the lower right-hand corner of each space. The letter T indicates that the room is in the Training School; M, in the Manual Arts Building; G, in the Gymnasium. Drawing and music classes are held in the east end of the third floor of the Main Building. A Roman numeral preceding a course indicates the section of the class. An Arabic numeral after a course indicates the number of the course as outlined in the Description of Courses.

One period courses do not meet on Friday mornings, nor on Saturday afternoons. Double period courses omit the second periods on Thursdays and Saturdays. This applies only to mid-spring term classes and not to English 21 which is a regular spring term course.

† English: English 26 is English grammar.

English 20a, 21a, and 21 are English composition. English 20a (first half of the first term's work) is open only to those who plan to take English 20b (the second half) in the first summer term.

8:10 English 21 is open only to mid-spring term students who have completed English 20 with a grade of B or above. Students admitted to English 21 will have an opportunity of completing the whole term's work (one credit).

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## THE COLLEGE CALENDAR

1927

### MID-SPRING TERM

(Six Weeks)

Monday, April 25, 8:00 A. M.....Registration  
Saturday, May 28.....Alumni Day  
Saturday, June 4, 12:10 Noon.....Spring Term Closes

### SUMMER TERM, 1927 (TWELVE WEEKS)

#### First Half Term

Saturday, June 11, and  
Monday, June 13, 1927.....Registration  
8:00-12:00 A. M.—1:30-5:00 P. M.  
Friday, July 22, 12:10 Noon.....First Half Term Closes

#### Second Half Term

Monday, July 25, 8:00 A. M.....Registration  
Friday, September 2, 12:10 Noon.....Second Half Term Closes

**Note.**—Monday, August 29, will be a regular school day and  
the work of the term will be complete on Thursday,  
September, 1, at 12:10 Noon.

### FALL TERM, 1927-1928

Saturday, September 10, and  
Monday, September 12, 1927.....Registration

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

---

EX-OFFICIO MEMBERS

A. M. SHELTON, Director of Registration and Education,  
Springfield, *Chairman*

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

---

APPOINTED MEMBERS

1921-1927

Sterling P. Curtis, Oakland  
Mrs. Martin K. Northam, Evanston  
Edgar B. Still, DeKalb

1923-1929

Ernest E. Cole, Chicago  
Elmer T. Walker, Macomb  
James B. Loebner, Chicago

1925-1931

John C. Allen, Monmouth  
Roland E. Bridges, Carbondale  
Charles L. Capen, Bloomington

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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	
E. H. TAYLOR.....	Mathematics
A. M., Ph. D., Harvard University	
FRIEDERICH KOCH.....	Music
Conservatory of Music, Kassel, Germany	
ELLEN A. FORD.....	Algebra
A. M., Syracuse University	
ISABEL McKINNEY.....	English
A. M., Columbia University	
S. E. THOMAS.....	History and Government
A. M., University of Iowa	
EDITH E. RAGAN.....	English
Indiana State Normal School	
CHARLES P. LANTZ.....	Physical Education
B. S., Gettysburg College	
HOWARD DeF. WIDGER.....	English
A. B., Yale University	
FISKE ALLEN.....	Director of Training School
A. B., Indiana University; A. M., Columbia University	
LEWIS ALBERT MOORE.....	Agriculture
B. S., M. S., University of Illinois	
L. F. ASHLEY.....	Manual Arts
B. S., Stout Institute	
RUTH E. MAJOR.....	School Music
B. S., Kansas State Normal School	
LENA B. ELLINGTON.....	History
A. M., Columbia University	
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	
LEAH I. STEVENS.....	Geography
B. S., University of Chicago	
ORRA E. NEAL.....	English
Battle Creek College	
MARY HARDEN.....	History
B. S., Columbia University	
FLORENCE SUTTON.....	Mathematics
B. Ed., Eastern Illinois State Teachers College; A. M., University of Illinois	
ERNEST L. STOVER.....	Botany
M. S., Ohio State University; Ph. D., University of Chicago	
RALPH HAEFNER.....	Education
A. M., University of Minnesota	
DOROTHY H. MOORE.....	Fine and Applied Arts
The Chicago School of Applied and Normal Art	



ORA L. RAILSBACK.....	Mathematics
A. B., A. M., Indiana University	
RUBY M. HARRIS.....	Geography
B. S., University of Chicago	
ZEA ZINN.....	English
A. B., Milton College; A. M., University of Wisconsin	
WILLIAM W. ANKENBRAND.....	Education
A. B., Marietta College; A. M., Ohio State University	
LILLIE S. THOMPSON.....	Home Economics
B. S., Stout Institute	
WILLIAM B. SCHNEIDER.....	English
A. B., A. M., University of Illinois	
DEVONA O'HAIR STOTTS.....	Drawing
Eastern Illinois State Teachers College	
OLIVER C. HOSTETLER.....	Education
B. S., M. S., University of Illinois	
CECIL F. HUMPHREY.....	Education
A. M., University of Chicago	
ROSCOE PULLIAM.....	Education
B. Ed., Southern Illinois State Normal University; University of Illinois	
CHARLES MCINTOSH.....	Rural Education
Superintendent of Platt County Schools	
HELEN FERN DARINGER.....	English
A. M., Columbia University	
EMILY R. ORCUTT.....	English
Ph. B., A. M., University of Chicago	
.....	Geography
JUNE J. ASHLEY.....	Manual Arts
Indiana State Normal School	
HARRY R. JACKSON.....	Manual Arts
Eastern Illinois State Teachers College	
ALONZO F. GOLDSMITH.....	Mathematics
B. Ed., Eastern Illinois State Teachers College	
MARY NEWLIN.....	Arithmetic
Ph. B., University of Chicago	
.....	Penmanship
R. J. SEYMOUR.....	Physiology and Hygiene
M. D., Ohio State University	
ICA MARKS.....	Laboratory Assistant
B. Ed., Eastern Illinois State Teachers College	
.....	Laboratory Assistant
.....	Training Teacher, Seventh Grade
.....	Training Teacher, Sixth Grade
ADELINE LAWRENCE CHAPMAN...	Training Teacher, Fifth Grade
A. B., Michigan State Normal School; University of Michigan	
.....	Training Teacher, Fourth Grade
FLORENCE E. GARDINER.....	Training Teacher, Third Grade
Wisconsin State Normal School	
GRACE GEDDES.....	Training Teacher, Second Grade
Eastern Illinois State Teachers College; Columbia University	
.....	Training Teacher, First Grade
ANNA H. MORSE.....	Training Teacher, First Grade
Illinois State Normal University; Columbia University	
AGNES F. HATCH.....	Training Teacher, Rural School
MARY J. BOOTH.....	Librarian
A. B., Beloit College; B. L. S., University of Illinois	
.....	Assistant Librarian

MYRTLE N. DUNLAP.....	Assistant Librarian
LILLIAN M. WATERS.....	Student Assistant Librarian
.....	Student Assistant Librarian
GRACE EWALT.....	Secretary and Business Manager
BLANCHE C. THOMAS.....	Registrar
FERNE FLOYD.....	Stenographer
EDITH WILLSON.....	Stenographer
MARTHA MOLYNEAUX.....	Head of Pemberton Hall
Miami University	
CAROL L. BESTELAND.....	Nurse
WALTER H. NEHRLING.....	Superintendent of Grounds
Missouri Botanical Gardens	

## THE FACULTY

### SECOND HALF TERM

ALBERT B. CROWE.....	Hygiene
A. M., Hanover College	
S. E. THOMAS.....	History
A. M., University of Iowa	
CHARLES P. LANTZ.....	Arithmetic
B. S., Gettysburg College	
HOWARD DeF. WIDGER.....	English
A. B., Yale University	
L. F. ASHLEY.....	Manual Arts
B. S., Stout Institute	
CHARLES S. SPOONER.....	Zoology
A. B., Cornell University; A. M., University of Illinois	
GRACE E. MESSER.....	Fine and Applied Arts
Potsdam Normal School; Syracuse University	
ERNEST L. STOVER.....	Botany
M. S., Ohio State University; Ph. D., University of Chicago	
RALPH HAEFNER .....	Education
A. M., University of Minnesota	
WILLIAM W. ANKENBRAND.....	Education
A. B., Marietta College; A. M., Ohio State University	
.....	English
.....	English
.....	Geography
.....	Geography
JUNE J. ASHLEY.....	Manual Arts
Indiana State Normal School	
ICA MARKS.....	Laboratory Assistant
B. Ed., Eastern Illinois State Teachers College	
FRIEDERICH KOCH.....	Music
Conservatory of Music, Kassel, Germany	
MYRTLE N. DUNLAP.....	Librarian
CAROL L. BESTELAND.....	Nurse

## GENERAL INFORMATION

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**Purpose and Plan.**—The summer term of the Eastern Illinois State Teachers College at Charleston begins on Saturday, June 11. 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. Graduates of recognized four-year high schools who wish to take regular work with a view to graduation from the Junior College.
4. Graduates of the Junior College who wish to begin the work of the Senior College.

**Admission.**—Graduates of recognized four-year high schools and holders of teachers' certificates are admitted to the summer term. Enrollment of students begins at eight o'clock, Saturday morning, June 11, and continues through Monday, June 13. Class work begins Tuesday morning, June 14, at a quarter past seven o'clock. Enrollment for the second half term begins at eight 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 four 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. No student is permitted to register for more than two and one-half credits, exclusive of physical education, penmanship, and observation.

No examinations for credit in courses for which a student is not registered are given in the mid-spring or summer terms. Students who are here in the regular year may ask then for credit by examination in any courses for which they think they should receive credit by examination.

**Renewal of Certificates.**—A certified statement of professional training is required for the second renewal of a second grade elementary school certificate. For the eighteen weeks' work required by law, six credits are necessary. Two of these credits may be earned in a six weeks' term. No additional credit is earned by taking for the second time a course in which the student has already received a passing grade.

**Expenses.**—Tuition is charged for the summer term to all who do not teach in Illinois for a period equal to that covered by their attendance at the Eastern Illinois State Teachers College. This

tuition is charged at the rate of \$25.00 a term of twelve weeks, or \$12.50 for each half summer term of six weeks. No tuition is charged for the summer session to those who are to teach in Illinois. A registration fee of two dollars for each half term covers all expenses in the zoölogical, botanical, physical, and chemical laboratories, in the library, and in other departments of the school. Students pay for materials used in drawing, manual training, and home economics. All necessary textbooks are rented to students of the summer school for one dollar and fifty cents for each half term of six weeks. Each student pays a recreation fee of one dollar. The fee for piano or voice lessons is \$5.00 for a six weeks' summer term.

An additional fee of one dollar is paid for late registration by every student who does not complete his registration on the day or days appointed for registration, or for change of programme after the third day.

Board and room in Pemberton Hall cost \$7.50 a week; board costs \$5.50 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:

Registration fee.....	\$ 2.00
Book rent.....	1.50
Recreation fee.....	1.00
Board for six weeks.....	33.00
Room rent six weeks, two in a room, each.....	12.00
Laundry .....	4.50

Total.....\$54.00

**Registration.**—Directions for registering on Saturday, June 11, and on Monday, June 13, 1927, 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 8:00 a. m.:

1. Arrange for board and room and keep a record of your street and number, your telephone number, and the name of the householder.
2. Pay registration fee (\$2.00), book rent (\$1.50), and recreation fee (\$1.00), or leave scholarship at the cashier's office and pay the recreation fee (\$1.00). Students who enter after Monday, June 13, pay a fee of \$1.00 for late registration.
3. Go to a faculty adviser and have a programme marked with the courses for which you wish to register.
4. Take the marked programme to the textbook library and receive your books.
5. Report for regular class work beginning at 7:15, Tuesday morning, June 14, for the first half term; on Tuesday, July 26, for the second half term.

6. Between noon on Tuesday, June 14, and Friday afternoon, June 17, at 4:00 o'clock, go to the textbook library and get your registration blank. There should be no delay in doing this after you are sure your programme is satisfactory to you.

7. Fill out this blank in ink beginning with the back of the blank.

8. Take the completed blank to a student clerk and receive class cards to be filled out and returned to clerk for inspection. All blanks and cards must be returned to the registrar not later than the close of school on Friday, June 17.

9. No credit is given for any course for which you have not made out a class card for the registrar. This card is used in reporting your grade at the close of the term.

10. No change of programme should be made after you have completed your registration on Friday, June 17. If any mistake has been made, go to the office with your trial programme and ask to have the mistake corrected.

11. A student may drop a course by handing in at the textbook library a slip with the date, his name, and the hour and name of the course to be dropped. He must at the same time return any textbooks taken out for that course.

12. No other change in programme should be necessary after Friday, June 17.

**Announcements.**—Morning exercises are held in the assembly hall daily at 8:05.

The assembly hall is a study room during all class periods from 8:35 a. m. to 3:40 p. m.

Students entering after Monday, June 13, go to the office for a marked programme and permission to register; then to the textbook library to pay the fees; then to the office with registration blank.

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

**Training School.**—Opportunity is offered for observation in the first eight grades and in a rural school. The Training School is in session during the first summer term from 9:30 to 11:45 a. m.; the rural school from 9:30 to 11:20. From 9:30 to 11:20 students may observe in any grade provided they enter and leave at the beginning and close of a lesson. In case a special observation lesson is being taught those not belonging to the observing class will be excluded.

At 11:20 a course in observation is offered for which one half of a credit toward the renewal of a second grade certificate is given.

**Pemberton Hall.**—Room and board can be secured in this building by one hundred students at \$7.50 a week, and board by about fifty more at \$5.50 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.



A deposit of \$5.00 is required for a reservation at Pemberton Hall. This deposit is credited to the student, but forfeited if the student cancels the reservation too late to have it used by some one else.

**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 ground, 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 zoölogical 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 observation and for obtaining laboratory materials are offered by a small lake and a forest plantation 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 teacher. 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 about 30,000 books and pamphlets, is open to all summer school students. During the summer school of 1926 books on the following subjects were exhibited:

1. Stories and story-telling.
2. Books on arithmetic.
3. Books on history.
4. Pamphlets on geography.
5. Physical education and games.

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."

**Entertainment.**—Students of both summer terms have the privilege of viewing high class moving pictures in the college auditorium. Ample equipment of the finest apparatus obtainable has been installed for this purpose.

**Regular School Year.**—The first term of the college year of 1927-1928 will begin Saturday, September 10, at eight o'clock in the morning. A bulletin with full information will be sent to those who are interested.

**Mid-Spring Term.**—The Mid-Spring term of six weeks opens on Monday, April 25, and closes on Saturday, June 4. The programme is on page 2 of this bulletin, facing the table of contents.

## SUMMER SCHOOL PROGRAMME

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### EXPLANATORY NOTES

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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. Double courses have two periods a day except on Thursdays and Saturdays when they omit the second period.

Single period courses omit Friday morning or Saturday afternoon periods.

The periods for science courses are indicated by Arabic numerals following a dash, the numbers showing the days of the week counted from Monday as one.

Students are urged to read carefully the description of a course before deciding to take it.

The Training School is in session from 9:30 to 11:45.

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

Courses numbered 1-19 count regularly below the freshman year of the College. Courses numbered 20-29 are required in one or more of the curriculums for graduates of recognized four-year high schools and are elective in any curriculum in which they are not required. Courses numbered 30 or above are elective for college students. Courses numbered 40 or above are Senior College courses.

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 to correspond



with our present plan for numbering courses. 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, (a) being the first half, (b) the second half.

The work of the regular two-year diploma curriculum follows:

#### Freshman Year

Psychology 20, 21, 22  
English 20, 21, 27 (or 24 or 22)  
Arithmetic 20, 21  
Biology 22 or 24 or 25  
Geography 20  
Reading 24  
Drawing 24  
Penmanship 20  
Library 20  
Physical Education

#### Sophomore Year

Education 20, 21  
Teaching 20, 21, 22  
History (two credits)  
Music 24  
Manual Arts 24 or 25  
Geography 21 and an Elective  
(or English 23 and Education 24)  
Hygiene 20  
Physical Education

Note: The completion of the work of the freshman year entitles the student to recommendation for a second grade certificate without examination.

The completion of the sophomore year entitles the student to the diploma of the Junior College and to a first grade certificate.

1. A credit is the amount of work done in a course requiring preparation and reciting four periods a week for a term of twelve weeks.

2. Each course has four fifty-minute periods a week unless otherwise indicated by a number in parentheses; but laboratory sciences have six fifty-minute periods; manual arts and home economics require eight periods a week for full credit.

3. Students who have had Geography 1, 2, 3 in the Teachers College High School substitute elective credits for Geography 20, 21. But they may take Geography 20 for elective credit. Students who had Botany 3, 1, 2 in the Teachers College High School substitute an elective credit for Botany 20. Those who have not had in high school a year of botany or zoölogy with laboratory work are advised to take a second term of botany or zoölogy as an elective credit.

4. Physiology 20 may count as elective credit.

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.

The Teachers College consists of the Junior College and the Senior College, each offering two years of work. Graduation from a recognized four-year high school is required for admission to the Junior College. The work of the Junior College in all two-year curriculums 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 also to a special diploma in agriculture, art, English, home economics, or manual arts in case of students in those curriculums; or it admits the student to the Senior College. 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. 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. Two-year Curriculums (24 credits) for preparation of teachers for the grades, or of special teachers of agriculture, art, English, home economics, or manual arts.

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:
  - B. Art and Design
  - C. English
  - D. Foreign Language
  - E. Geography
  - F. History
  - H. Manual Arts
  - I. Mathematics
  - K. Science (Biological)
  - L. Science (Physical)
4. Supervisors and Principals.

#### COURSES OFFERED

---

**Agriculture.**—Agriculture for Teachers of Rural Schools, Genetics.

**Art.**—Elementary Drawing, Advanced Drawing, Design, Methods, Leather Work, Metal Work, Pottery, Poster Work.

**Education.**—Methods and Observation in Graded Schools and in Rural Schools, Special Methods, School Management, Teaching, Primary Education, Measurements and Tests, Principles of Education, School Administration.

**English.**—Composition, Dramatics, Grammar, Literature, Methods, Children's Literature, Contemporary Literature.

**Geography.**—Physiography, Climatology, Methods in Geography, Human Geography.

**Home Economics.**—Domestic Art, Domestic Science.

**Library Use.**

**Manual Arts.**—Construction Work, Woodwork, Mechanical Drawing, Architectural Drawing, Pattern Making, Household Mechanics, Methods

**Mathematics.**—Algebra, Arithmetic, Solid Geometry, Trigonometry.

**Music.**—Public School Music; Piano Lessons; Voice Lessons.

**Penmanship.**

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

**Psychology.**—Scope and Method, Mental Elaboration, Measurements and Tests.

**Reading.**—Reading and Methods in Reading.

**Rural Education.**—Organization, Methods, State Course of Study, Observation.

**Science.**—Botany, Human Physiology, Hygiene, Zoölogy, Geology.

**Social Science.**—American History, The History of Europe, State and Local Government, The Federal Government of the United States, Economics.

## DESCRIPTION OF COURSES

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### AGRICULTURE

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**24. Genetics.**—This is an introductory course in genetics. Emphasis is laid upon the application of genetic principles to the improvement of plants and animals. Consideration is given to some of the old theories of breeding, the physical basis of heredity, Mendel's law and apparent exceptions thereto, pure line breeding, crossing, and grading. Eight hours a week. One credit.

First half term:

8:35 and 2:45, Room 36, Mr. Moore.

**39a. Agriculture for Rural School Teachers.**—This course is planned as a basis of teaching agriculture in rural schools. Four hours a week. One half credit.

First half term:

10:25, Room 36, Mr. Moore.

**39b. Rural Sociology.**—This course is offered for those interested in rural education and development. It deals with conditions as they exist in rural communities, and with a study of the agencies which help in rural advancement. Four hours a week. One half credit.

First half term:

11:20, Room 36, Mr. Moore.

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## ART

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At least one hour's work a day, outside of class, is required in each one-period course in art; two hours outside of class are required in each double period course.

**24. Elementary Drawing.**—The course includes lettering, composition, free hand perspective, color harmony, and their application in poster work.

**24a. First Half of Course 24.**—Four hours a week. One half credit.

First half term:

Section I. 8:35, Third floor east, Mrs. Stotts.

Section II. 9:30, Third floor east, Mrs. Moore.

Section III. 9:30, Third floor east, Mrs. Stotts.

Second half term:

11:20, Third floor east, Miss Messer.

**24b. Second Half of Course 24.**—Prerequisite: Drawing 24a. Four hours a week. One half credit.

First half term:

Section I. 7:15, Third floor east, Mrs. Stotts.

Section II. 8:35, Third floor east, Mrs. Moore.

Section III. 10:25, Third floor east, Mrs. Stotts.

Second half term:

10:25, Third floor east, Miss Messer.

**33. Design.**—A study of color principles of design, balance, and harmony. Application to woodblock printing and to batik work. Eight hours a week. One credit.

First half term:

9:30 and 10:25, Third floor east, Miss Messer.

**36. Pottery.**—Study of proportion, balance, harmony, and principles of design. Study of kinds of pottery. Practical problems involving the use of clay in tiles, vases, objects with handles. Eight hours a week. One credit.

Second half term:

7:15 and 8:10, Third floor east, Miss Messer.

**37. Method in Drawing, Grades I-IV.**—The course includes a discussion of the value of art in education; its relation to other subjects and to industries; methods of teaching drawing in the elementary schools, ordering supplies, and the planning of lessons.

37a. First Half of Course 37.—Four hours a week. One half credit.

First half term:

7:15, Third floor east, Miss Messer.

37b. Second Half of Course 37.—Four hours a week. One half credit.

First half term:

\*8:35, Third floor east, Miss Messer.

39. Metal Work.—A study of the principles of design. Application to ivory, brass, and copper articles. Eight hours a week. One credit.

First half term:

10:25 and 11:20, Third floor east, Mrs. Moore.

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## EDUCATION

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### I. Education

12. Country-School Teaching.—This course is a careful study of the Illinois State Course of Study. It is given in two parts:

12a. First Part, Lower Grades.—Four hours a week. One half credit.

First half term:

9:30, Room 40, Mr. McIntosh.

12b. Second Part, Upper Grades.—Four hours a week. One half credit.

First half term:

10:25, Room 40, Mr. McIntosh.

13. Rural Education.—The course deals with the organization, supervision, and maintenance of country schools and with the organizations co-operating with these schools. Eight hours a week. One credit.

First half term:

7:15 and 1:50, Room 36, Mr. McIntosh.

20. 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 school administration. Prerequisite: Psychology 20 and 21, or experience in teaching. Eight hours a week. One credit.

Second half term:

7:15 and 1:50, Room 10, Mr. Ankenbrand.

20a. Four hours a week. One half credit.

First half term:

9:30, Room 29, Mr. Allen.



20b. Prerequisite: Education 20a. Four hours a week. One half credit.

Both half terms:

9:30, Room 17, Mr. Humphrey, first half term; Room 10, Mr. Ankenbrand, second half term.

21. 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. Prerequisite: Psychology 20 and 21, or experience in teaching. Eight hours a week. One credit.

First half term:

7:15 and 1:50, Room 10, Mr. Ankenbrand.

21a. Four hours a week. One half credit.

First half term:

8:35, Room 29, Mr. Allen.

21b. Prerequisite: Education 21a. Four hours a week. One half credit.

First half term:

10:25, Room 38, Mr. Humphrey.

Second half term:

8:10, Room 10, Mr. Ankenbrand.

48b. School Organization and Administration.—The aim of this course is to present the problems of the elementary school principal in organizing and administering an elementary school. The course is intended for superintendents, principals, and general supervisors in elementary schools, and for those who are looking forward to these positions. The course pre-supposes a theoretical or practical knowledge of the basic principles of school administration. Four hours a week. One half credit.

First half term:

9:30, Room 10, Mr. Ankenbrand.

## II. Observation and Methods

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

First half term:

Both Sections of Course 3, 11:20, Room 6, Miss Hatch.

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. Five hours a week. One fourth credit when offered with

# SUMMER SCHOOL PROGRAMME, 1927, First Half Term

Morning Exercises, Assembly Room, Main Building, 8:05 to 8:35. Training School Session, Training School Building, 9:30 to 11:45. Rural School Session, Main Building, Room 6, 9:30 to 11:20. Piano and Voice Lessons, Third Floor, center, 7:15 to 12:10.

7:15-8:05	8:35-9:25	9:30-10:20	10:25-11:15	11:20-12:10	1:50-2:40	2:45-3:35	3:40-4:30
Education 21* Mr. Ankenbrand R. 10	Education 21a Mr. Allen R. 29	Education 20a Mr. Allen R. 29	Psychology 22* Mr. Haefner R. 17	Observation 5 Grades I-VIII T	Education 21* R. 10	Psychology 22* Mr. Haefner R. 17	
I Psychology 20* Mr. Humphrey R. 39		Education 20b Mr. Humphrey R. 17	Education 21b Mr. Humphrey R. 38		I Psychology 20* R. 39		
II Psychology 20* Mr. Pulliam R. 38	III Psychology 20* Mr. Pulliam R. 38	Education 48b Mr. Ankenbrand R. 10	Education 44b Mr. Ankenbrand R. 10		II Psychology 20* R. 38	III Psychology 20* R. 38	
Education 13* Mr. McIntosh R. 36	IV Psychology 20* Mr. Haefner R. 17	Education 12a Mr. McIntosh R. 40	Education 12b Mr. McIntosh R. 40		Education 13* R. 36	IV Psychology 20* R. 17	
I Psychology 21* Mr. Hostetler R. 23	II Psychology 21* Mr. Hostetler R. 23	I Observation 3* Miss Hatch R. 6	II Observation 3* Miss Hatch R. 6	Methods 1* Miss Hatch R. 6	I Psychology 21* R. 23	II Psychology 21* R. 23	
Music 24a Miss Major	Music 37a Th	Music 38a 3rd floor, southeast	Dramatics 39* Miss Orcutt	Music Room	III Reading 24a Miss Orcutt R. 29	IV Reading 24a Miss Orcutt R. 29	
		I Reading 24a Miss McKinney R. 30	II Reading 24a Miss McKinney R. 30	I Reading 24b Miss McKinney R. 30		III Reading 24b Miss McKinney R. 30	
	I English 22b Mr. Widger R. 27	English 30a Mr. Widger R. 27	English 20a Mr. Widger R. 27	II Reading 24b Mr. Widger R. 27			
	English 43a Miss Daringer R. 39	II English 22a Miss Daringer R. 39	III English 22a Miss Daringer R. 39			English 43b Miss Daringer R. 39	
I English 22a Miss Zinn R. 32	English 20b Miss Zinn R. 30		II English 22b Miss Zinn R. 32				
I English 26* Miss Neal R. 24	II English 26* Miss Neal R. 24		Library 20-3, 5 Miss Booth R. 11		I English 26* R. 24	II English 26* R. 24	
English 24* Miss Ragan R. 40	III English 26* Miss Ragan R. 40				English 24* R. 40	III English 26* R. 40	
English 25b Mr. Schneider R. 30	English 45* Mr. Schneider R. 32	English 25a Mr. Schneider R. 25				English 45* R. 32	
Algebra 31* Miss Ford R. 18	Geometry 30* Mr. Railsback R. 18	Trigonometry 33* Mr. Railsback R. 18			Geometry 30* R. 18	Trigonometry 33* R. 18	
	Algebra 2* Mr. Lantz R. 33	Coaching 33 Mr. Lantz R. 33	Phys. Educ. 30 Mr. Lantz R. 33 and G				
Arithmetic 20a Mr. Taylor R. 28	I Arithmetic 21a Mr. Taylor R. 28	Arithmetic 21b Mr. Taylor R. 28	I Arithmetic 20b Mr. Taylor R. 28				
III Arithmetic 21* Miss Sutton R. 25	II Arithmetic 21a Miss Sutton R. 25		II Arithmetic 20b Miss Sutton R. 25		III Arithmetic 21* R. 25		
I Arithmetic 21* Miss Newlin R. 27	II Arithmetic 21* Miss Newlin R. 27				I Arithmetic 21* R. 27	II Arithmetic 21* R. 27	



R. 11	R. 11				R. 11	R. 11			
Economics 44*	History 31*				Economics 44*	History 31*			
Mr. Thomas R. 35	Mr. Thomas R. 35				R. 35	R. 35			
History 34*	History 33*				History 34*	History 33*			
Miss Ellington R. 9	Miss Ellington R. 9				R. 9	R. 9			
History 30*		Government 36a	Government 36b		History 30*				
Miss Harden R. 33		Miss Harden R. 35	Miss Harden R. 35		R. 33				
I Geography 21*	II Geography 21*				I Geography 21*	II Geography 21*			
Miss Harris R. 37	Miss Harris R. 37				R. 37	R. 37			
I Geography 20*	II Geography 20*				I Geography 20*	II Geography 20*			
Miss Stevens R. 16	Miss Stevens R. 16				R. 16	R. 16			
Physiography 1*	Agriculture 24*	Geology 36*	Agriculture 39a	Agriculture 39b	Physiography 1*	Agriculture 24*	Geology 36*		
R. 17	Mr. Moore R. 36	R. 16	Mr. Moore R. 36	Mr. Moore R. 36	R. 17	R. 36	R. 16		
Hygiene 20a	Hygiene 20b	Physiology 20*							
Dr. Seymour, Third	floor, northwest								
Drawing 37a	Drawing 37b	Art 33*							
Miss Messer, Third	floor—northeast								
	II Drawing 24b	II Drawing 24a	Metal Work 39*						
	Mrs. Moore, Third	floor, northeast							
I Drawing 24b	I Drawing 24a	III Drawing 24a	III Drawing 24b						
Mrs. Stotts, Third	floor, northeast								
	Botany 20*—2, 3, 5, 6		Botany 20*—2, 3, 5, 6						
	Mr. Stover								
Zoology 20*—2, 3, 4, 5		Botany 22*—2, 3, 5, 6	Zoology 20*—2, 3, 4, 5				Botany 22*—2, 3, 5, 6		
Mr. Spooner		Mr. Stover	Mr. Spooner						
	Zoology 30*—2, 3, 4, 5	Botany 43* (or 44* or 45*)—2, 3, 5, 6	Zoology 43* (or 44* or 45*)—2, 3, 4, 5						
	Mr. Spooner								
I Penmanship 20		II Penmanship 20	III Penmanship 20						
R. 29			R. 29						
Domestic Art 38a	Domestic Art 37a (or b) R. 11T	Domestic Science 37b	Domestic Science 37a R. 11T						
Miss Thompson		I Manual Arts 24a	II Manual Arts 24a						
		Mrs. Ashley	R. 12T						
	I Manual Arts 24b	II Manual Arts 24b	Manual Arts 55a (or b) Manual Arts 47a (or b) Manual Arts 48a (or b)	M					
	Mr. Ashley	R. 12T							
	Manual Arts 39a	Manual Arts 30* (or 31* or 32*)	Manual Arts 33* (or 34*, or 35*)						
	Mr. Jackson	M	M						

Regular work gives two credits. No student is permitted to register for more than two and one-half credits, exclusive of physical education, penmanship, and observation. The number of the room is indicated in the lower right-hand corner of each space. The letter T indicates that the room is in the Training School; M, in the Manual Arts Building; G, in the Gymnasium. Drawing and music classes are held in the east end of the third floor of the Main Building. A Roman numeral preceding a course indicates the section of the class. An Arabic numeral after a course indicates the number of the course as outlined in the Description of Courses. The programme for the Second Half Term may be found on the last page of the Summer Bulletin.

\* A double course, completing in six weeks the work of twelve weeks. Double courses have two periods a day except on Thursdays and Saturdays when they omit the second period. Single period courses omit Friday morning or Saturday afternoon periods. The periods for science courses are indicated by Arabic numerals following a dash, the numbers showing the days of the week counted from Monday as one.

Course 1 (making one half credit for the two courses combined). This credit counts only toward the renewal of a second grade certificate.

First half term:

- Section I. 9:30, Room 6, Miss Hatch  
Section II. 10:25, Room 6, Miss Hatch.

5. **General Observation.**—This course offers an opportunity to observe and study the methods and technique of teaching in one or more grades of the student's choice. The class meets daily at 11:20 for observation and discussion. The training teacher teaches the pupils for twenty-five minutes, then dismisses the pupils and discusses the lesson with the observers for the remaining twenty-five minutes of the period.

Students registering for this course should indicate the grade in which they wish to observe. Five hours a week. One half credit toward the renewal of a second grade certificate.

11:20, Training School, Training Teachers.

Note.—For free observation see paragraph headed, "Training School."

### III. Psychology

20. **Introduction to Psychology.**—The meaning of psychology; relation of psychology to other sciences; methods of observation, introspection, and experimentation; the human nervous system, including the structure of the brain; sensations; images; feelings; attention. Eight hours a week. One credit.

First half term:

- Section I. 7:15 and 1:50, Room 39, Mr. Humphrey.  
Section II. 7:15 and 1:50, Room 38, Mr. Pulliam.  
Section III. 8:35 and 2:45, Room 38, Mr. Pulliam.  
Section IV. 8:35 and 2:45, Room 17, Mr. Haefner.

Second half term:

8:10 and 2:45, Room 17, Mr. Haefner.

21. **Introduction to Psychology.**—This course is a continuation of the subject matter of Psychology 20. Perception; idea; association; habit; memory; imagination. Eight hours a week. One credit.

First half term:

- Section I. 7:15 and 1:50, Room 23, Mr. Hostetler.  
Section II. 8:35 and 2:45, Room 23, Mr. Hostetler.

Second half term:

7:15 and 1:50, Room 17, Mr. Haefner.

22. **Psychology and Observation.**—Prerequisite: Psychology 20 and 21. Eight hours a week. One credit.

First half term:

10:25 and 3:40 (with the 11:20 period reserved for observation assignments), Room 17, Mr. Haefner.

44b. **Educational Measurements.**—The aim in this course is to show: (1) why mental tests are needed, (2) what they are like, (3) how they can be made most useful. The course is intended primarily for classroom teachers, but should prove helpful to

principals, supervisors, and school administrators in general.  
Prerequisite: Psychology 20, 21, 22, or their equivalent, or permission of the instructor. Four hours a week. One half credit.

First half term:

10:25, Room 10, Mr. Ankenbrand.

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## ENGLISH

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**20. Composition.**—A practical course, stressing the planning, outlining, and developing of short units, analysis of well-written material, the sentence, and fundamentals of good form in speech and writing.

**20a. The First Half of English 20.**—Four hours a week. One half credit (only when followed by English 20b in the second half term making one credit for the two courses combined).

First summer term:

10:25, Room 27, Mr. Widger.

**20b. The Second Half of English 20.**—In the first half term, English 20b is open only to those who complete English 20a in the mid-spring term. In the second half term, English 20b is open only to those who complete English 20a in the first summer term. Prerequisite: English 20a. Four hours a week. One half credit.

First half term:

8:35, Room 30, Miss Zinn.

Second half term:

10:25, Room 27, Mr. Widger.

**21. Composition.**—A continuation of English 20, mostly concerned with clear exposition; larger units; some rhetorical theory.

**21a. The First Half of English 21.**—Prerequisite: English 20. Four hours a week. One half credit (only when followed by English 21b, making one credit for the two courses combined).

First half term:

9:30, Room 32, Miss Zinn.

**21b. The Second Half of English 21.**—Prerequisite: English 21a. Four hours a week. One half credit.

Second half term:

9:30, Room 24, Mr. ———.

**22a. Children's Literature.**—The main purpose of Courses 22a and 22b is to give an introduction to the field of literature for the lower grades with something of the purposes and the methods of teaching. In Course 22a, fable, folk-lore, myth, legend, romance are considered. Four hours a week. One half credit.

First half term:

Section I. 7:15, Room 32, Miss Zinn.

Section II. 9:30, Room 39, Miss Daringer.

Section III. 10:25, Room 39, Miss Daringer.

Second half term:

10:25, Room 24, Mr. ———.

**22b. Children's Literature.**—See Course 22a. In Course 22b, poetry and modern stories are considered. Four hours a week. One half credit.

First half term:

Section I. 8:35, Room 27, Mr. Widger.

Section II. 10:25, Room 32, Miss Zinn.

Second half term:

7:15, Room 24, Mr. ———.

**24. Methods of Teaching Composition in the Grades.**—This course covers the teaching of language work and composition in the grades as fully as time permits, including discussion of material, purposes, theme-topics, correcting compositions, and methods of teaching. It is designed to help teachers and also those preparing to take examinations in English for first and second grade certificates. Eight hours a week. One credit.

First half term:

7:15 and 1:50, Room 40, Miss Ragan.

**25. Introduction to Literature.**—The course is designed to give some understanding of the most common types of English literature, including lyric and epic poetry, the essay, the novel, and the short story, through a study of selected masterpieces. Open only to students of college rank. Required in all four-year curriculums.

**25a.** Four hours a week. One half credit.

First half term:

9:30, Room 25, Mr. Schneider.

Second half term:

8:10, Room 9.

**25b.** Four hours a week. One half credit.

First half term:

7:15, Room 30, Mr. Schneider.

Second half term:

9:30, Room 9.

**26. English Grammar.**—This course attempts to cover the grammar taught in the seventh and eighth years with special emphasis on the sentence. Required only in the two-year English curriculum; elective in other curriculums. Eight hours a week. One credit.

First half term:

Section I. 7:15 and 1:50, Room 24, Miss Neal.

Section II. 8:35 and 2:45, Room, 24, Miss Neal.

Section III. 8:35 and 2:45, Room 40, Miss Ragan.

Second half term:

7:15 and 1:50, Room 9.

**39. Dramatics.**—A study of the presentation of plays, including the reading of contemporary dramas, the production of at least one play, and the dramatization of an episode or a short story. Some instruction in the coaching of plays is given. Accepted for English 37. Eight hours a week. One credit.

First half term:

10:25 and 11:20, Music Room, Miss Orcutt.

**43. Contemporary Literature.**—Extensive reading in current literature introduces the student to the best that is being written

today, and provides him with some standards of judgment with the hope of stimulating his enthusiasm for good books.

**43a. Prose.**—Prerequisite: Junior College required English. Four hours a week. One half credit.

First half term:

8:35, Room 39, Miss Daringer.

**43b. Poetry.**—Prerequisite: Junior College required English. Four hours a week. One half credit.

First half term:

2:45, Room 39, Miss Daringer.

Second half term:

8:10, Room 24.

**45. Oral English.**—Through prepared talks and discussions, this course gives training in the effective expression of genuine ideas and opinions. Sincerity, adequate development of thought, the proper use of facts and evidence, and also the principles and practice of good delivery are stressed. Prerequisite: Junior College required English. Eight hours a week. One credit.

First half term:

8:35 and 2:45, Room 32, Mr. Schneider.

**45a.** Prerequisite: Junior College required English. Four hours a week. One half credit.

Second half term:

1:50, Room 27, Mr. Wildger.

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## GEOGRAPHY

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The courses offered in summer are arranged to cover, as far as possible, the work to be taught in the grades in the coming year, and at the same time to count for credit in the regular course. Course 1 is required work in the senior year of the High School; Courses 20 and 21 are college courses, but Course 21 may be substituted for Geography 2.

**1. Physiography.**—This course 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. Eight hours a week. One credit.

First half term:

7:15 and 1:50, Room 17.

**20. Principles of Human Geography.**—Required in the first year of the Teachers College. Eight hours a week. One credit.

First half term:

Section I. 7:15 and 1:50, Room 16, Miss Stevens.

Section II. 8:35 and 2:45, Room 16, Miss Stevens.

Second half term:

Section I. 7:15 and 1:50, Room 16.

Section II. 8:10 and 2:45, Room 16.

Section III. 8:10 and 2:45, Room 18.



**21. Climatology.**—This course covers work helpful to teachers of the seventh and eighth grades in the State Course of Study. It includes mathematical geography and a study of the circulation of the atmosphere leading up to an understanding of climate. It forms a foundation for all regional geography. Eight hours a week. One credit.

First half term:

Section I. 7:15 and 1:50, Room 37, Miss Harris.

Section II. 8:35 and 2:45, Room 37, Miss Harris.

Second half term:

7:15 and 1:50, Room 18.

**36. Geology.**—Prerequisite: Geography 20 and 21 (or 1, 2, and 3). Eight hours a week. One credit.

First half term:

9:30 and 3:40, Room 16.

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## HOME ECONOMICS

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The work of the home economics department is divided into two parts: I. Domestic Art, which has to do with clothing; II. Domestic Science, which deals with foods.

### I. Domestic Art

**37a. Handsewing.**—Embroidery, household linens, handmade flowers, and fine hemming. The practice work is a choice of an infant's dress, a handmade apron, or some other article suitable for the application of the principles. Eight hours a week (four hours in class and four hours outside of class). One half credit.

First half term:

8:35, Room 11T, Miss Thompson.

**37b. Elementary Dressmaking.**—The course is planned for those who have had high school sewing or some practical experience in sewing. It includes the choice, use, and altering of commercial patterns, and the fitting of garments. The principal problem is the making of a summer dress in cotton or linen material. Eight hours a week (four hours in class and four hours outside of class). One half credit.

First half term:

8:35, Room 11T, Miss Thompson.

**38a. Dressmaking and Textiles.**—The course is a study of textiles; cost and care of clothing; budget making; weaves and designs. Construction and finishing instruction are based on a make over problem in silk or wool. Prerequisite: Domestic Art 36 and 37. Eight hours a week (four hours in class and four hours outside of class). One half credit.

First half term:

7:15, Room 11T, Miss Thompson.

## II. Domestic Science

**37a. Foods.**—This course includes lectures on calorie counting; body requirements in food; vitamins and health; with laboratory work in preparation and serving of hot school luncheons. Eight hours a week (four hours in class and four hours outside of class). One half credit.

First half term:

11:20, Room 11T, Miss Thompson.

**37b. Foods.**—The course includes a study of batters, doughs, pastry, leavening agents, and oven temperatures with laboratory work in quick breads, pastry, cakes, icing, and yeast breads. Eight hours a week. One half credit.

First half term:

9:30 and 10:25, Room 11T, Miss Thompson.

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## LIBRARY USE

The aim of this course is to teach students to use the library with some degree of skill. Certain high school and college courses 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 freshmen. The course offered this summer is accepted for this work.

**20. 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:

10:25, Wednesdays and Fridays, Room 11, Miss Booth.

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## MANUAL ARTS

**24a. 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 and bookbinding. Eight hours a week (four hours in class and four hours outside of class). One half credit.

First half term:

Section I. 9:30, Room 12T, Mrs. Ashley.

Section II. 10:25, Room 12T, Mrs. Ashley.

Section III. 1:50, Room 12T, Mrs. Ashley.

Section IV. 2:45, Room 12T, Mrs. Ashley.

Second half term:

9:30, Room 12T, Mrs. Ashley.



**24b. Primary Grade Handwork.**—Reed and raffia, basketry, wood work and clay work. Prerequisite, Course 24a. Eight hours a week (four hours in class and four hours outside of class). One half credit.

First half term:

Section I. 8:35, Room 12T, Mr. Ashley.

Section II. 9:30, Room 12T, Mr. Ashley.

Second half term:

10:25, Room 12T, Mrs. Ashley.

**25a. Toy Making.**—This is a course of great value to teachers of the intermediate grades. It includes the making of toys and of a reed lamp, the study of woodworking tools, equipment for one-room schools, and other related topics. Eight hours a week (four hours in class and four hours outside of class). One half credit.

Second half term:

11:20, Room 12T, Mr. Ashley.

**30. Mechanical Drawing.**—Practical working drawings based upon French and Svenson's "Mechanical Drawing" for high schools. This course is of value to men and women teachers in the junior high school or above and of special value to teachers of mathematics and manual arts. Prerequisite to all courses in manual arts except Course 24 and Course 25, but may be taken with Course 33 or Course 46. Eight hours a week. One half credit.

First half term:

10:25 and 11:20, Manual Arts Building, Mr. Jackson.

Second half term:

9:30 and 10:25, Manual Arts Building, Mr. Ashley.

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

First half term:

10:25 and 11:20, Manual Arts Building, Mr. Jackson.

Second half term:

9:30 and 10:25, Manual Arts Building, Mr. Ashley.

**32. Mechanical Drawing.**—Machine drawing and design. Prerequisite, Course 31. Eight hours a week. One half credit.

First half term:

10:25 and 11:20, Manual Arts Building, Mr. Jackson.

Second half term:

9:30 and 10:25, Manual Arts Building, Mr. Ashley.

**33. Elementary Woodwork.**—Prerequisite. Course 30, unless Course 30 is being taken with Course 33. Eight hours a week. One half credit.

First half term:

1:50 and 2:45, Manual Arts Building, Mr. Jackson.

Second half term:

7:15 and 8:10, Manual Arts Building, Mr. Ashley.

**34. Joinery and Advanced Woodwork.**—A study of various types of joints used in furniture construction. Application in type problems. Study of varieties of wood. Lectures, demonstration, and applications. Prerequisite, Course 33. Eight hours a week. One half credit.

Second half term:

7:15 and 8:10, Manual Arts Building, Mr. Ashley.

**39. Home Mechanics.**—The purpose of this course is to train teachers for junior high schools in all kinds of household mechanical work. The first half of it, or 39a, consists in the refinishing and repair of worn and broken furniture and simple carpentry and masonry repair. The remainder of the course consists of a study of the installation and repair of plumbing and electrical apparatus and of radio sets in the home. Required of all students in Manual Arts curriculums. A valuable course for home economics students. This course is offered in two parts as follows:

**39a. First Part.**—Eight hours a week. One half credit.

First half term:

8:35 and 9:30, Manual Arts Building, Mr. Jackson.

**39b. Second Part.**—Eight hours a week. One half credit.

Second half term:

7:15 and 8:10, Manual Arts Building, Mr. Ashley.

**47a. Forge and Foundry.**—Eight hours a week. One half credit.

First half term:

10:25 and 11:20, Manual Arts Building, Mr. Ashley.

**48a. Machine Shop.**—Eight hours a week. One half credit.

First half term:

10:25 and 11:20, Manual Arts Building, Mr. Ashley.

**49. Architectural Drawing.**—Required in four-year Art and Manual Arts curriculums. Prerequisite, Course 32. Eight hours a week. One half credit.

First half term:

2:45 and 3:40, Manual Arts Building, Mr. Ashley.

**50. Architectural Drawing, Advanced.**—Required in four-year Art and Manual Arts curriculums. Prerequisite, Course 49. Eight hours a week. One half credit.

First half term:

2:45 and 3:40, Manual Arts Building, Mr. Ashley.

**51, 52. Advanced Mechanical Drawing.**—Each eight hours a week. Each one half credit.

First half term:

2:45 and 3:40, Manual Arts Building, Mr. Ashley.

**55a. Carpentry.**—Eight hours a week. One half credit

First half term:

10:25 and 11:20, Manual Arts Building, Mr. Ashley.

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## MATHEMATICS

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### I. Arithmetic

**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. Eight hours a week. One credit.

First half term:

Section I. 7:15 and 1:50, Room 11, Mr. Goldsmith.

Section II. 8:35 and 2:45, Room 11, Mr. Goldsmith.

Second half term:

8:10 and 2:45, Room 25, Mr. Lantz.

**20a. Arithmetic in the First, Second, and Third Grades.**—In this course is discussed the work of the first three grades as outlined in the Illinois State Course of Study. The course includes a review of parts of the subject matter, and discussion of methods of teaching. Four hours a week. One half credit.

First half term:

7:15, Room 26, Mr. Taylor.

**20b. Arithmetic in the Fourth, Fifth, and Sixth Grades.**—In this course is discussed the work of the fourth, fifth, and sixth 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. Four hours a week. One half credit.

First half term:

Section I. 10:25, Room 26, Mr. Taylor.

Section II. 10:25, Room 25, Miss Sutton.

**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. Eight hours a week. One credit.

First half term:

Section I. 7:15 and 1:50, Room 27, Miss Newlin.

Section II. 8:25 and 2:45, Room 10, Miss Newlin.

Section III. 7:15 and 1:50, Room 25, Miss Sutton.

**21a. Arithmetic in the Seventh Grade.**—The work of the seventh grade, as outlined in the Illinois State Course of Study, is taken up in this course. The course gives a review of subject matter and discussion of methods of teaching. Four hours a week. One half credit.

First half term:

Section I. 8:35, Room 26, Mr. Taylor.

Section II. 8:35, Room 25, Miss Sutton.

Second half term:

7:15, Room 25, Mr. Lantz.

**21b. Arithmetic in the Eighth Grade.**—The work of the eighth grade as outlined in the Illinois State Course of Study is taken up in

this course. The course gives a review of subject matter and discussion of methods of teaching. Four hours a week. One half credit.

First half term:

9:30, Room 26, Mr. Taylor.

Second half term:

1:50, Room 25, Mr. Lantz.

## II. Algebra

2. **High School Algebra.**—This is a review course in first year high school algebra and will be made to meet the needs of those who register for it. Eight hours a week. One credit (only toward the renewal of a second grade certificate).

First half term:

8:35 and 9:30, Room 33, Mr. Lantz.

## III. College Mathematics

30. **Solid Geometry.**—Stone and Millis' text, Chapters XII-XVI. Eight hours a week. One credit.

First half term:

9:30 and 1:50, Room 18, Mr. Rallsback.

31. **Algebra.**—Review of first year algebra; graphs; functions; determinants of second and third orders applied to simultaneous linear equations; variation, extension of the number system to include complex numbers; theory of quadratic equations; simultaneous quadratics. Eight hours a week. One credit.

First half term:

7:15 and 8:35, Room 18, Miss Ford.

33. **Plane Trigonometry.**—Definitions and properties of trigonometric functions, the deduction of important trigonometric formulas, the use of tables of logarithms, the solution of plane triangles, and various practical applications. Eight hours a week. One credit.

First half term:

10:25 and 2:45, Room 18, Mr. Rallsback.

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## MUSIC

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### I. Public School Music

24a. **Elementary Sight Singing.**—The course is planned to acquaint students with the subject matter of music in the first four grades of the public schools, to train the ear, and to develop some skill in syllable reading. Four hours a week. One half credit.

First half term:

7:15, 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. Accepted for Music 24b. Four hours a week. One half credit.

First half term:

8:35, Third floor east, Miss Major.

**38a. Upper Grade Methods.**—Methods of teaching and supervising music in grades four to eight inclusive. Accepted for Music 24b. Four hours a week. One half credit.

First half term:

9:30, Third floor east, Miss Major.

## II. 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:

7:15 to 12:10, Third floor center, Mr. Koch.

## III. Voice Training

**Voice Training 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:

7:15 to 12:10, Third floor center, Mr. Koch.

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## PENMANSHIP

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**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.

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. Four hours a week. One fourth credit toward renewal of a second grade certificate.

First half term:

Section I. 7:15, Room 29.

Section II. 10:25, Room 29.

Section III. 11:20, Room 29.



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PHYSICAL EDUCATION

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I. Physical Education (Men)

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**30. Physical Education.**—The course consists of gymnasium work: drills, apparatus work, and games. Part of the work is in the classroom and part in the gymnasium. The work is planned to meet the needs of teachers who expect to coach in athletics and to direct work in physical education. It is recommended that students take Coaching 33 with Physical Education 30. Four hours a week. One fourth credit.

First half term:

11:20, Room 33 and Gymnasium, Mr. Lantz.

**33. 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. Notebooks 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. Four hours a week. One fourth credit, or as required physical education for one term.

First half term:

10:25, Room 33, Mr. Lantz.

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READING

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**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. Four hours a week. One half credit.

First half term:

Section I. 9:30, Room 30, Miss McKinney.

Section II. 10:25, Room 30, Miss McKinney.

Section III. 1:50, Room 29, Miss Orcutt.

Section IV. 2:45, Room 29, Miss Orcutt.

Second half term:

9:30, Room 27, Mr. Widger.

**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. Four hours a week. One half credit.

First half term:

Section I. 11:20, Room 30, Miss McKinney.

Section II. 11:20, Room 27, Mr. Widger.

Section III. 2:45, Room 30, Miss McKinney.

Second half term:

11:20, Room 27, Mr. Widger.

## SCIENCE (BIOLOGICAL)

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I. Botany

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**20. College Botany.**—A course designed to give the student a knowledge of the fundamental physiological processes concerned in the growth of plants, and of the external and internal structures which are concerned in these processes in leaves, stems, and roots. It includes also the effects of environment factors on these processes and structures. Twelve hours a week. One credit.

## First half term:

8:35, 9:30 and 11:20 (except Thursdays), third floor southwest, Mr. Stover.

**21. College Botany.**—A study of the reproduction of flowering plants, the development of fruit and seeds from the parts of the flower, the mechanism of heredity, and a brief study of the great groups of plants. Twelve hours a week. One credit.

## Second half term:

8:10, 9:30 and 11:20 (except Thursdays), third floor southwest, Mr. Stover.

**22. General Local Flora.**—The identification of trees in winter and summer condition, of the common fresh water algae, liverworts, mosses and ferns, and of flowering plants as the season advances; and with this a study of structures which is necessary for the recognition of these forms. The course is designed especially for those who expect to teach biological science in secondary schools.

Prerequisite: Botany 20 and 21, or permission of the instructor  
Elective. Twelve hours a week. One credit.

## Both half terms:

9:30, 2:45, and 3:40 (except Thursdays), third floor southwest, Mr. Stover.

**43 (or 44, or 45). Advanced Botany.**—This course is arranged to meet the needs of individual students who have had five terms (five credits), or the equivalent, of botany, and who wish to go on in some special field. The student may choose the field in which he wishes to work, but is required to consult the instructor before registering for this course. Prerequisite: Botany 20, 21, 22, 30, and 32, or their equivalent. Twelve hours a week. One credit.

## Both half terms:

9:30, 10:25, and 11:20 (except Thursdays), third floor southwest, Mr. Stover.



## II. Zoölogy

**20. Animal Biology.**—A consideration of fundamental biological laws, based upon animal material. Twelve hours a week. One credit.

First half term:

7:15, 10:25, and 11:20 (except Saturdays), third floor northwest, Mr. Spooner.

**21. Animal Biology.**—A continuation of the work of Zoölogy 20. Prerequisite: Zoölogy 20 or one year of high school zoölogy. Twelve hours a week. One credit.

Second half term:

7:15, 10:25, and 11:20 (except Saturdays), third floor northwest, Mr. Spooner.

**\*30. Advanced Zoölogy and Special Methods.**—A study of fresh-water animals and their environment. Much attention is given to the common and important species of aquatic vertebrates with a view of familiarizing students with taxonomic and research methods; and opportunities for students carrying on some independent investigations are provided. It prepares for teaching biological science in upper grades or high school. Prerequisite: Zoölogy 20, 21. Twelve hours a week. One credit.

First half term:

8:35, 1:50, and 2:45 (except Saturdays), third floor northwest, Mr. Spooner.

**31. Advanced Zoölogy and Special Methods.**—A continuation of Zoölogy 30. The members of the Amphibia and Reptilia are studied in detail. The course prepares for teaching biological science in the upper grades and in the high school. Prerequisite: Zoölogy 20, 21, 22. Twelve hours a week. One credit.

Second half term:

8:10, 1:50, and 2:45 (except Saturdays), third floor northwest, Mr. Spooner.

**43 (or 44, or 45). Advanced Zoölogy.**—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 zoölogy or biology. Twelve hours a week. One credit.

Both half terms:

Hours to be arranged, third floor northwest, Mr. Spooner.

### III. Physiology

**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. Twelve hours a week. One credit.

First half term:

9:30 and 10:25, 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 students 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.**—Four hours a week. One half credit.

First half term:

7:15, third floor west, Dr. Seymour.

Second half term:

Section I. 8:10, Room 37, Mr. Crowe.

Section II. 10:25, Room 37, Mr. Crowe.

**20b. Public Hygiene.**—Four hours a week. One half credit.

First half term:

8:35, third floor west, Dr. Seymour.

Second half term:

Section I. 7:15, Room 37, Mr. Crowe.

Section II. 9:30, Room 37, Mr. Crowe.

## SOCIAL SCIENCE

### I. Government

**36a. 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. Four hours a week. One half credit.

First half term:

9:30, Room 35, Miss Harden.

**36b. The Federal Government of the United States.**—Its organization and functions and present day problems; and the relations of the state and federal government. Four hours a week. One half credit.

First half term:

10:25, Room 35, Miss Harden.

### II. History

**30. The History of Western Europe from the Close of the Fourth Century to 1500.**—Eight hours a week. One credit.

First half term:

7:15 and 1:50, Room 33, Miss Harden.

**31. The History of Europe, 1500-1815.**—Eight hours a week. One credit.

First half term:

8:35 and 2:45, 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. Eight hours a week. One credit.

Second half term:

8:10 and 2:45, Room 6, Mr. Thomas.

**33. American Political and Institutional History to 1800.**—Eight hours a week. One credit.

First half term:

8:35 and 2:45, Room 9, Miss Ellington.

34. The Political and Institutional History of the United States, 1800-1865.—Eight hours a week. One credit.

First half term:

7:15 and 1:50, Room 9, Miss Ellington.

35. The Political and Institutional History of the United States, 1865 to the Present.—Eight hours a week. One credit.

Second half term:

7:15 and 1:50, Room 6, Mr. Thomas.

### III. Economics

44. The Principles of Economics.—Eight hours a week. One credit.

First half term:

7:15 and 1:50, Room 35, Mr. Thomas.

### THE REGULAR SCHOOL YEAR

The first term of the school year 1927-1928 will begin Saturday, September 10, 1927, 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, 1927

7:15-8:05	8:10-9:00	9:30-10:20	10:25-11:15	11:20-12:10	1:50-2:40	2:45-3:35	3:40-4:30
I Hygiene 20b	I Hygiene 20a	II Hygiene 20b	II Hygiene 20a				
Mr. Crowe R. 37	R. 37	R. 37	R. 37				
History 35*	History 32*				History 35*	History 32*	
Mr. Thomas R. 6	R. 6				R. 6	R. 6	
		Reading 24a	English 20b	Reading 24b	English 45a		
		Mr. Widger R. 27	R. 27	R. 27	R. 27		
English 22b	English 43b	English 21b	English 22a				
R. 24	R. 24	R. 24	R. 24				
English 26*	English 25a	English 25b			English 26*		
R. 9	R. 9	R. 9			R. 9		
Arithmetic 21a	Arithmetic 20*	Manual Arts 24a	Manual Arts 24b		Arithmetic 21b	Arithmetic 20*	
Mr. Lantz R. 25	Mr. Lantz R. 25	Mrs. Ashley	R. 12T		Mr. Lantz R. 25	Mr. Lantz R. 25	
Manual Arts 33* (or 34* or 35*)	Manual Arts 39b	Manual Arts 30* (or 31* or 32*)	Manual Arts 25a				
Mr. Ashley	M		M	R. 12T			
Pottery 36*			Drawing 24b	Drawing 24a			
Miss Messer	Third floor east						
Psychology 21*	Psychology 20*				Psychology 21*	Psychology 20*	
Mr. Haefner	R. 17				R. 17	R. 17	
Education 20*	Education 21b	Education 20b			Education 20*		
Mr. Ankenbrand	R. 10	R. 10					
	Botany 21*— 2, 3, 5, 6	Botany 21*— 2, 3, 5, 6		Botany 21*— 2, 3, 5, 6			
	Mr. Stover						
Zoology 21*— 2, 3, 4, 5	Zoology 31*— 2, 3, 4, 5	Botany 22*— 2, 3, 5, 6	Zoology 21*—2, 3, 4, 5		Zoology 31*—2, 3, 4, 5		
Mr. Spooner						Botany 22*—2, 3, 5, 6	
I Geography 20*	II Geography 20*	Botany 43* (or 44*, or 45*)—2, 3, 5, 6	Zoology 43* (or 44*, or 45*)—2, 3, 4, 5		I Geography 20*	II Geography 20*	
R. 18	R. 18				R. 18	R. 18	
Geography 21*	III Geography 20*				Geography 21*	III Geography 20*	
R. 18	R. 18				R. 18	R. 18	

English 20b (composition) is open only to those who completed English 20a in the first summer term, 1927.

English 21b (composition, second term) is open only to those who completed English 21a in the first summer term, 1927.

For explanatory notes see programme for first half term.