

4-1-1939

## Bulletin 144 - Annual Catalogue 1938-1939

Eastern Illinois University

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STATE OF ILLINOIS.

HENRY HORNER, GOVERNOR

Eastern Illinois State  
Teachers College Bulletin  
Charleston, Illinois

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LIBRARY

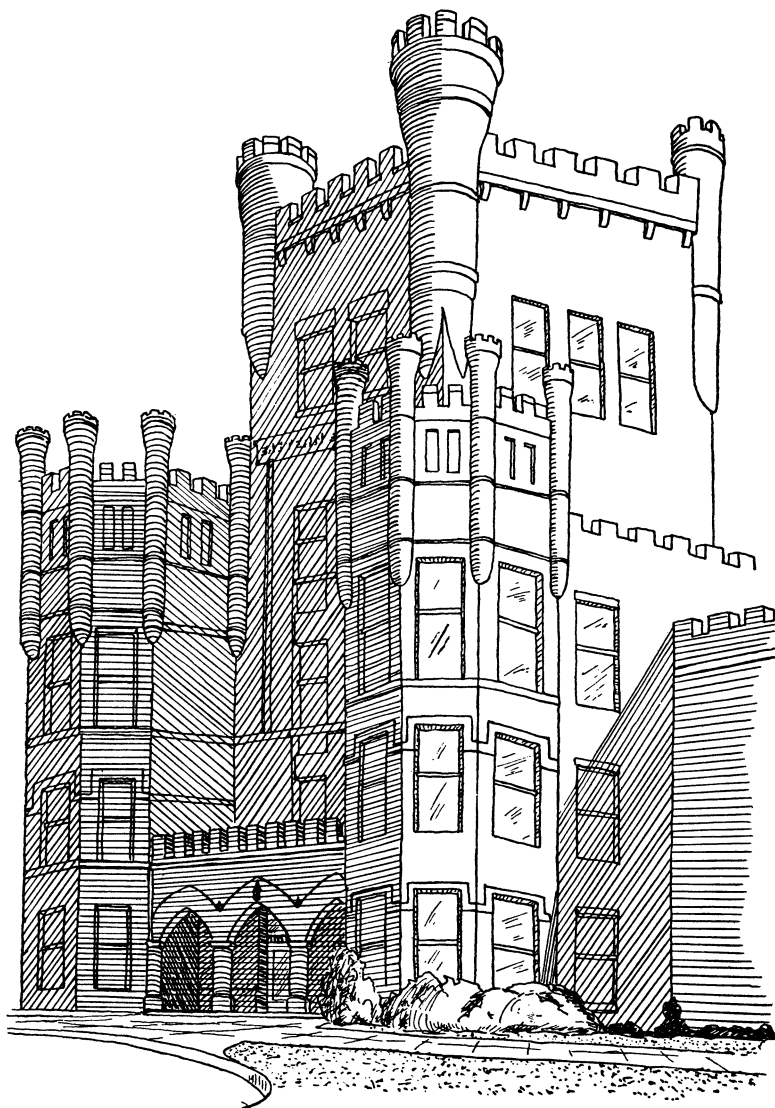
Announcements for 1939-40 Sessions



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State of Illinois

No. 144

Henry Horner, Governor

April 1, 1939

# Eastern Illinois State Teachers College Bulletin



## 40th Year Academic Record 1938-39 Announcements for 1939-40

Published quarterly by the Eastern Illinois State Teachers College at Charleston, Illinois. Entered March 5, 1902, as second class matter, at the post office at Charleston, Illinois. Act of Congress, July 16, 1894.

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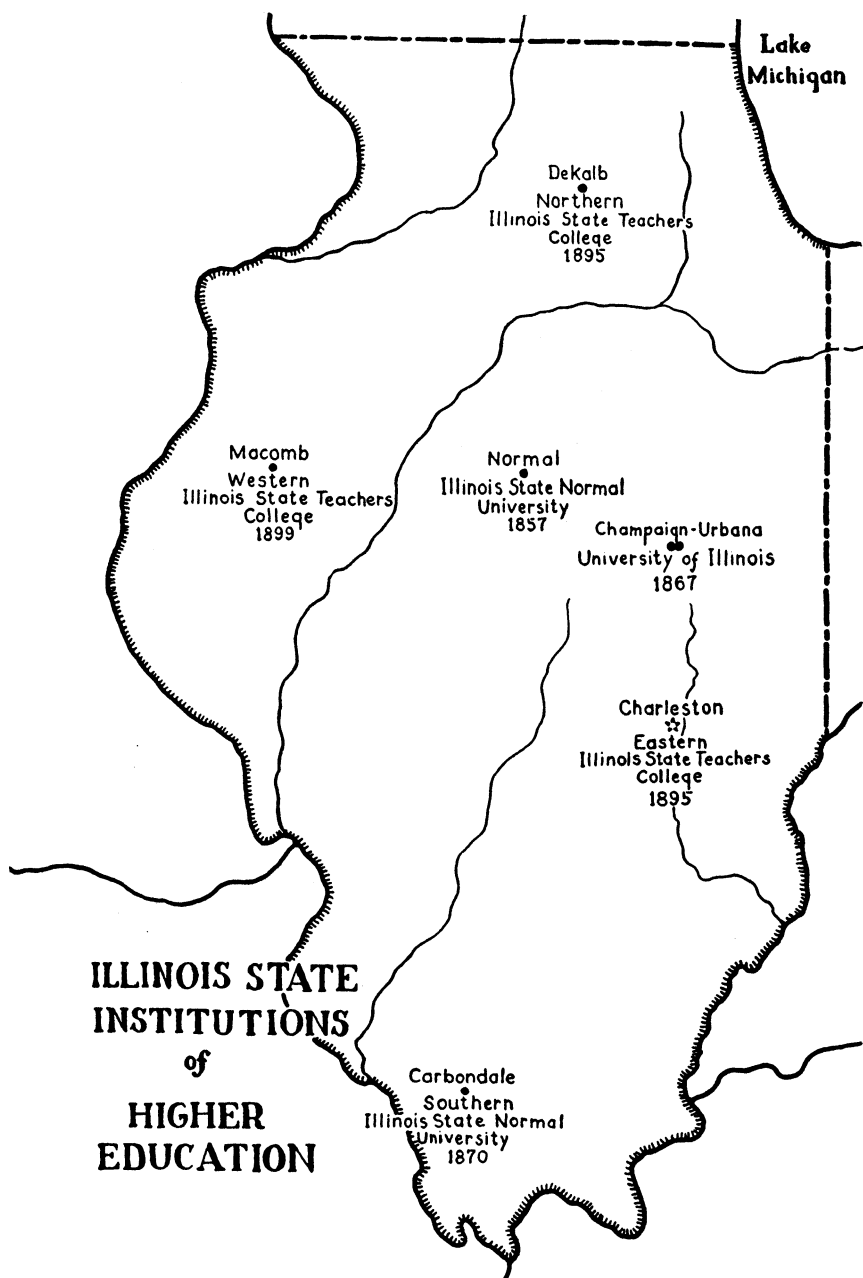
## To the Unknown Teacher

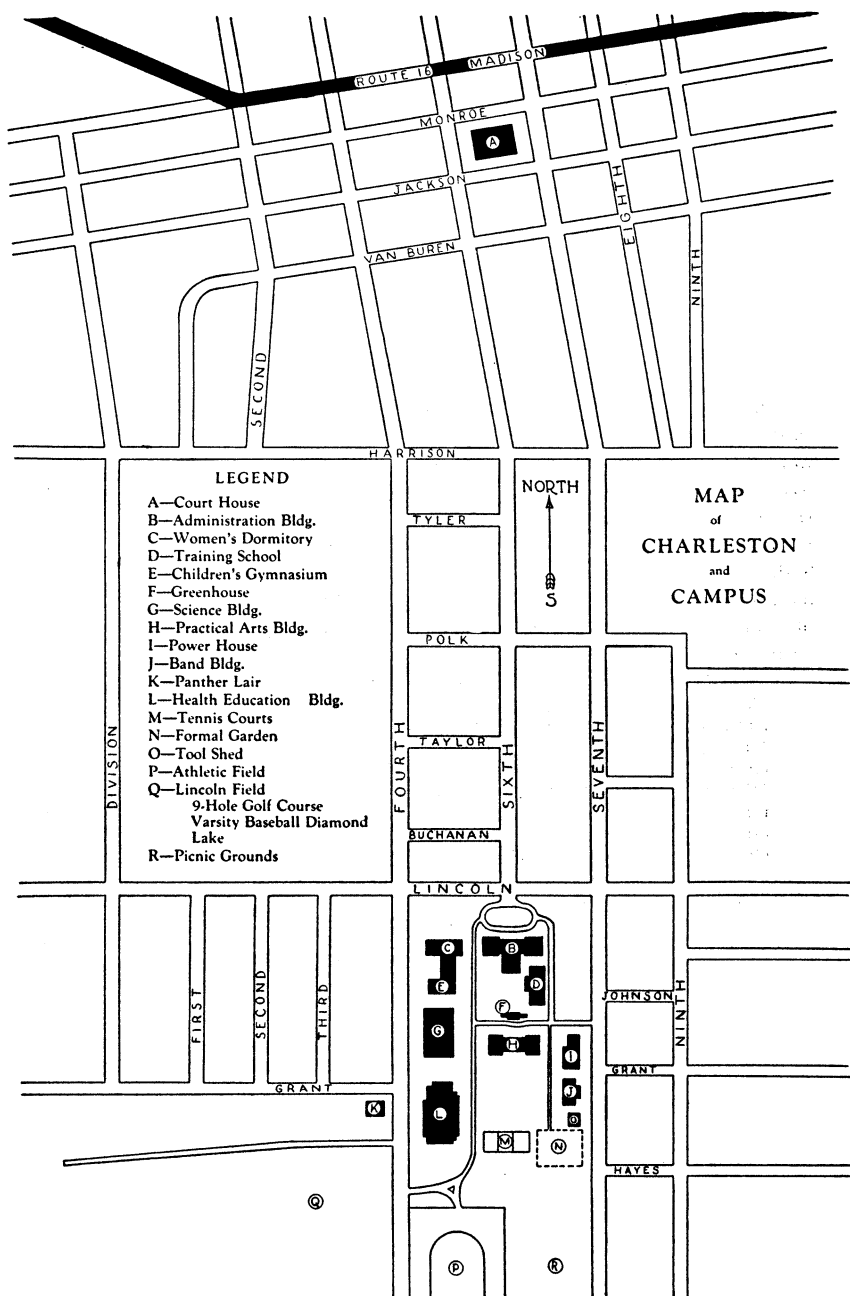
I sing the praise of the Unknown Teacher. Great generals win campaigns, but it is the Unknown Soldier who wins the war. Famous educators plan new systems of pedagogy, but it is the Unknown Teacher who delivers and guides the young. He lives in obscurity and contends with hardship. For him no trumpets blare, no chariots wait, no golden decorations are decreed. He keeps the watch along the borders of darkness, and makes the attack on the trenches of ignorance and folly. Patient in his duty, he strives to conquer the evil powers which are enemies of youth. He awakens sleeping spirits. He quickens the indolent, encourages the eager, and steadies the unstable. He communicates his own joy in learning, and shares with boys and girls the best treasures of his mind. He lights many candles, which, in later years, will shine back to cheer him. This is his reward.

Knowledge may be gained from books; but the love of knowledge is transmitted only by personal contact. No one has deserved better of the Republic than the Unknown Teacher. No one is more worthy to be enrolled in a democratic Aristocracy, "King of himself and servant of mankind."

HENRY VAN DYKE.







## PLEDGE TO TEACH

Eastern Illinois State Teachers College is maintained by the State of Illinois as an institution for the training of teachers for the public schools of the State. There is no tuition charge for persons expecting to teach. Each student is obligated by the statements of the annual catalogue and by signature to a "Pledge to Teach," which is a part of the student's record on file with the College Registrar. This pledge is considered fully as binding as the signing of a promissory note. Annual report on teaching by the student and cancellation of obligation by the college are provided for on the permanent record card. This pledge reads:

"In consideration of free tuition in the Eastern Illinois State Teachers College, I pledge to teach in the public schools of Illinois for a period equal to that covered by my attendance at the Eastern Illinois State Teachers College; and I agree to report annually to the president of the college the number of months taught in Illinois until this pledge is fulfilled. If I do not teach the required time in the public schools of Illinois within five years after leaving college, I promise to pay to the Eastern Illinois State Teachers College at the end of that period tuition at the rate of \$15.00 for each quarter (twelve weeks) of attendance for which I have not taught an equal time."

(Signed).....



# CALENDAR

1939

| JANUARY   |    |    |    |    |    |    | FEBRUARY |    |    |    |    |    |    | MARCH    |    |    |    |    |    |    | APRIL    |    |    |    |    |    |    |    |    |    |
|-----------|----|----|----|----|----|----|----------|----|----|----|----|----|----|----------|----|----|----|----|----|----|----------|----|----|----|----|----|----|----|----|----|
| S         | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  |    |    |    |
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| 8         | 9  | 10 | 11 | 12 | 13 | 14 | 5        | 6  | 7  | 8  | 9  | 10 | 11 | 5        | 6  | 7  | 8  | 9  | 10 | 11 | 2        | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 |
| 15        | 16 | 17 | 18 | 19 | 20 | 21 | 12       | 13 | 14 | 15 | 16 | 17 | 18 | 12       | 13 | 14 | 15 | 16 | 17 | 18 | 9        | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 22        | 23 | 24 | 25 | 26 | 27 | 28 | 19       | 20 | 21 | 22 | 23 | 24 | 25 | 19       | 20 | 21 | 22 | 23 | 24 | 25 | 16       | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 29        | 30 | 31 | -- | -- | -- | -- | 26       | 27 | 28 | -- | -- | -- | -- | 26       | 27 | 28 | 29 | 30 | 31 | -- | 30       | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY       |    |    |    |    |    |    | JUNE     |    |    |    |    |    |    | JULY     |    |    |    |    |    |    | AUGUST   |    |    |    |    |    |    |    |    |    |
| S         | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  |    |    |    |
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| 7         | 8  | 9  | 10 | 11 | 12 | 13 | 4        | 5  | 6  | 7  | 8  | 9  | 10 | 2        | 3  | 4  | 5  | 6  | 7  | 8  | 6        | 7  | 8  | 9  | 10 | 11 | 12 |    |    |    |
| 14        | 15 | 16 | 17 | 18 | 19 | 20 | 11       | 12 | 13 | 14 | 15 | 16 | 17 | 9        | 10 | 11 | 12 | 13 | 14 | 15 | 13       | 14 | 15 | 16 | 17 | 18 | 19 |    |    |    |
| 21        | 22 | 23 | 24 | 25 | 26 | 27 | 18       | 19 | 20 | 21 | 22 | 23 | 24 | 16       | 17 | 18 | 19 | 20 | 21 | 22 | 20       | 21 | 22 | 23 | 24 | 25 | 26 |    |    |    |
| 28        | 29 | 30 | 31 | -- | -- | -- | 25       | 26 | 27 | 28 | 29 | 30 | -- | 23       | 24 | 25 | 26 | 27 | 28 | 29 | 27       | 28 | 29 | 30 | 31 | -- | -- |    |    |    |
| --        | -- | -- | -- | -- | -- | -- | --       | -- | -- | -- | -- | -- | -- | 30       | 31 | -- | -- | -- | -- | -- | --       | -- | -- | -- | -- | -- | -- |    |    |    |
| SEPTEMBER |    |    |    |    |    |    | OCTOBER  |    |    |    |    |    |    | NOVEMBER |    |    |    |    |    |    | DECEMBER |    |    |    |    |    |    |    |    |    |
| S         | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  |    |    |    |
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| 3         | 4  | 5  | 6  | 7  | 8  | 9  | 8        | 9  | 10 | 11 | 12 | 13 | 14 | 5        | 6  | 7  | 8  | 9  | 10 | 11 | 3        | 4  | 5  | 6  | 7  | 8  | 9  |    |    |    |
| 10        | 11 | 12 | 13 | 14 | 15 | 16 | 15       | 16 | 17 | 18 | 19 | 20 | 21 | 12       | 13 | 14 | 15 | 16 | 17 | 18 | 10       | 11 | 12 | 13 | 14 | 15 | 16 |    |    |    |
| 17        | 18 | 19 | 20 | 21 | 22 | 23 | 22       | 23 | 24 | 25 | 26 | 27 | 28 | 19       | 20 | 21 | 22 | 23 | 24 | 25 | 17       | 18 | 19 | 20 | 21 | 22 | 23 |    |    |    |
| 24        | 25 | 26 | 27 | 28 | 29 | 30 | 29       | 30 | 31 | -- | -- | -- | -- | 26       | 27 | 28 | 29 | 30 | -- | -- | 24       | 25 | 26 | 27 | 28 | 29 | 30 |    |    |    |
| --        | -- | -- | -- | -- | -- | -- | --       | -- | -- | -- | -- | -- | -- | --       | -- | -- | -- | -- | -- | -- | 31       | -- | -- | -- | -- | -- | -- |    |    |    |

1940

| JANUARY   |    |    |    |    |    |    | FEBRUARY |    |    |    |    |    |    | MARCH    |    |    |    |    |    |    | APRIL    |    |    |    |    |    |    |   |
|-----------|----|----|----|----|----|----|----------|----|----|----|----|----|----|----------|----|----|----|----|----|----|----------|----|----|----|----|----|----|---|
| S         | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  |   |
| --        | 1  | 2  | 3  | 4  | 5  | 6  | --       | -- | -- | -- | 1  | 2  | 3  | --       | -- | -- | -- | -- | 1  | 2  | --       | -- | 1  | 2  | 3  | 4  | 5  | 6 |
| 7         | 8  | 9  | 10 | 11 | 12 | 13 | 4        | 5  | 6  | 7  | 8  | 9  | 10 | 3        | 4  | 5  | 6  | 7  | 8  | 9  | 7        | 8  | 9  | 10 | 11 | 12 | 13 |   |
| 14        | 15 | 16 | 17 | 18 | 19 | 20 | 11       | 12 | 13 | 14 | 15 | 16 | 17 | 10       | 11 | 12 | 13 | 14 | 15 | 16 | 14       | 15 | 16 | 17 | 18 | 19 | 20 |   |
| 21        | 22 | 23 | 24 | 25 | 26 | 27 | 18       | 19 | 20 | 21 | 22 | 23 | 24 | 17       | 18 | 19 | 20 | 21 | 22 | 23 | 21       | 22 | 23 | 24 | 25 | 26 | 27 |   |
| 28        | 29 | 30 | 31 | -- | -- | -- | 25       | 26 | 27 | 28 | 29 | -- | -- | 24       | 25 | 26 | 27 | 28 | 29 | 30 | 28       | 29 | 30 | -- | -- | -- | -- |   |
| --        | -- | -- | -- | -- | -- | -- | --       | -- | -- | -- | -- | -- | -- | 31       | -- | -- | -- | -- | -- | -- | --       | -- | -- | -- | -- | -- | -- |   |
| MAY       |    |    |    |    |    |    | JUNE     |    |    |    |    |    |    | JULY     |    |    |    |    |    |    | AUGUST   |    |    |    |    |    |    |   |
| S         | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  |   |
| --        | 5  | 6  | 7  | 8  | 9  | 10 | 2        | 3  | 4  | 5  | 6  | 7  | 8  | 1        | 1  | 2  | 3  | 4  | 5  | 6  | 4        | -- | -- | 1  | 2  | 3  | 4  |   |
| 12        | 13 | 14 | 15 | 16 | 17 | 18 | 9        | 10 | 11 | 12 | 13 | 14 | 15 | 14       | 15 | 16 | 17 | 18 | 19 | 20 | 11       | 12 | 13 | 14 | 15 | 16 | 17 |   |
| 19        | 20 | 21 | 22 | 23 | 24 | 25 | 16       | 17 | 18 | 19 | 20 | 21 | 22 | 21       | 22 | 23 | 24 | 25 | 26 | 27 | 18       | 19 | 20 | 21 | 22 | 23 | 24 |   |
| 26        | 27 | 28 | 29 | 30 | 31 | -- | 23       | 24 | 25 | 26 | 27 | 28 | 29 | 28       | 29 | 30 | 31 | -- | -- | -- | 25       | 26 | 27 | 28 | 29 | 30 | 31 |   |
| --        | -- | -- | -- | -- | -- | -- | 30       | -- | -- | -- | -- | -- | -- | --       | -- | -- | -- | -- | -- | -- | --       | -- | -- | -- | -- | -- | -- |   |
| SEPTEMBER |    |    |    |    |    |    | OCTOBER  |    |    |    |    |    |    | NOVEMBER |    |    |    |    |    |    | DECEMBER |    |    |    |    |    |    |   |
| S         | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  |   |
| 1         | 2  | 3  | 4  | 5  | 6  | 7  | --       | -- | 1  | 2  | 3  | 4  | 5  | --       | -- | -- | -- | -- | 1  | 2  | 1        | 2  | 3  | 4  | 5  | 6  | 7  |   |
| 8         | 9  | 10 | 11 | 12 | 13 | 14 | 6        | 7  | 8  | 9  | 10 | 11 | 12 | 3        | 4  | 5  | 6  | 7  | 8  | 9  | 8        | 9  | 10 | 11 | 12 | 13 | 14 |   |
| 15        | 16 | 17 | 18 | 19 | 20 | 21 | 13       | 14 | 15 | 16 | 17 | 18 | 19 | 10       | 11 | 12 | 13 | 14 | 15 | 16 | 15       | 16 | 17 | 18 | 19 | 20 | 21 |   |
| 22        | 23 | 24 | 25 | 26 | 27 | 28 | 20       | 21 | 22 | 23 | 24 | 25 | 26 | 17       | 18 | 19 | 20 | 21 | 22 | 23 | 22       | 23 | 24 | 25 | 26 | 27 | 28 |   |
| 29        | 30 | -- | -- | -- | -- | -- | 27       | 28 | 29 | 30 | 31 | -- | -- | 24       | 25 | 26 | 27 | 28 | 29 | 30 | 29       | 30 | 31 | -- | -- | -- | -- |   |

## THE COLLEGE CALENDAR, 1939-40

### Fall Quarter, 1939 (Twelve Weeks)

Monday, September 11.....Freshman Registration, 8 a. m.  
Monday, September 11 to Wednesday, September 13, inclusive.....  
.....Freshman Orientation Program  
Monday, September 11.....Training Schools begin, 8 a. m.  
Wednesday, September 13.....Registration for other students, 8 a. m.  
Thursday, September 14.....College Classes begin, 8 a. m.  
Friday, October 6.....Eastern Division, I. E. A. Meeting  
Friday, October 20.... }  
Saturday, October 21.. } .....Twenty-fifth Annual Homecoming  
Thursday, November 30.....Thanksgiving Recess begins  
Friday, December 1.....Fall Quarter closes

### Winter Quarter, 1939-40 (Twelve Weeks)

Monday, December 4.....Registration for all students, 8 a. m.  
Friday, December 22.....Christmas Recess begins  
.....close of school day  
Tuesday, January 2.....College Classes resumed, 8 a. m.  
Friday, March 1.....Winter Quarter closes

### Spring Quarter, 1940 (Twelve Weeks)

Monday, March 4.....Registration for all students, 8 a. m.  
Friday, March 22.....Easter Recess begins close of school day  
Monday, April 1.....College Classes resumed, 8 a. m.  
Sunday, May 26.....Baccalaureate, 3 p. m.  
Friday, May 31.....Spring Quarter closes  
Friday, May 31.....Commencement, 3 p. m.

### Summer Term, 1940 (Eight Weeks)

Monday, June 10.....Registration, 8 a. m.  
Friday, August 2.....Summer Term closes

DEPARTMENT  
OF  
REGISTRATION AND EDUCATION  
  
THE  
NORMAL SCHOOL BOARD

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.

EX-OFFICIO MEMBERS

JOHN J. HALLIHAN

Director of Registration and Education (Springfield)  
Chairman

JOHN A. WIELAND

Superintendent of Public Instruction (Springfield)  
Secretary

APPOINTED MEMBERS

MISS HARRIETT A. MCINTIRE, Mendota.....1931-1937  
JOHN D. DILL, Carbondale.....1931-1937  
DR. WILLIAM E. SUNDERMAN, Charleston.....1933-1939  
JACOB E. ALSCHULER, Aurora.....1933-1939  
CHARLES E. McMORRIS, Marshall.....1933-1939  
MRS. REED GREEN, Cairo.....1935-1941  
ROS WELL B. O'HARRA, Macomb.....1935-1941  
DR. PRESTON BRADLEY, Chicago.....1935-1941  
OTTO G. BEICH, Bloomington.....1937-1943

---

LUCIEN A. FILE.....Co-ordinator



**OBJECTIVE**  
**of the**  
**EASTERN ILLINOIS STATE TEACHERS COLLEGE**

The objective of the Eastern Illinois State Teachers College is to train students for teaching in the public schools of the State of Illinois.

This objective is achieved by guiding students as follows:

- I. In the acquisition of acceptable scholarship in the subject-matter groupings of certain fields of teaching.
- II. In the development of an understanding of the child in the various stages of learning.
- III. In learning, through the classroom and laboratory experiences, techniques of teaching the child at various levels.
- IV. The realization of a personal responsibility for the profession of teaching and for the functioning of a public school system in a democracy.

# EASTERN ILLINOIS STATE TEACHERS COLLEGE, CHARLESTON

---

## FACULTY, 1938-39

Asterisk (\*) indicates Head of Department.

Date of joining staff in parentheses.

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### ADMINISTRATION

- ROBERT GUY BUZZARD, Ph.D.....*President*  
Diploma, Illinois State Normal University, 1914; S.B., 1916, S.M.,  
The University of Chicago, 1917; Ph.D., Clark University, 1925;  
A.M., University of Illinois, 1938. (1933)
- FRANK ANDREW BEU, Ph.D.....*Dean*  
A.B., 1920, A.M., Northwestern University, 1923; Ph.D., The Univer-  
sity of Chicago, 1936. (1927)
- ELLEN A. FORD, A.M.....*Dean Emeritus*  
A.B., 1885, A.M., Syracuse University, 1894; The University of Chi-  
cago, summer, 1897. (1899)
- HOBART FRANKLIN HELLER, A.M.....*Dean of Men*  
B.S., Gettysburg College, 1924; A.M., Columbia University, 1931;  
Graduate study State University of Iowa, summer, 1934; Columbia  
University, 1935-36. (1931)
- CATHERINE FAVOUR STILWELL, Ph.D.....*Dean of Women*  
A.B., Radcliffe College, 1925; A.M., University of Cincinnati, 1927;  
Graduate study, Columbia University, Fall semester, 1930-31; Ph.D.,  
University of Cincinnati, 1932. (1936)
- BLANCHE CLAIRE THOMAS.....*Registrar* (1922)
- RAYMOND ROSCO GREGG, A.M.....*Business Manager*  
Diploma, Southern Illinois State Normal University, 1917; Ph.B.,  
1922, A.M., The University of Chicago, 1923; Graduate study, The  
University of Chicago, summers, 1926, 1927, 1929, 1930, 1933, and  
1934. (1934)
- HARRY LOUIS METTER, Ph.D.....*Acting Director*  
*of Teacher Training and Placement*  
Diploma, Southern Illinois State Normal University, 1921; B.S.,  
1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)
- DONALD ALLEN ROTHSCHILD, Ph.D.....*Principal, High School*  
A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State Univer-  
sity of Iowa, 1932. (1934)
- ARTHUR U. EDWARDS, Ph.D.....*Principal, Elementary School*  
A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., State  
University of Iowa, 1932. (1937)
- HANS CHRISTIAN OLSEN, Ph.D.....*Acting Director*  
*of Off-Campus Student Teaching*  
A.B., Nebraska State Teachers College, 1920; A.M., 1922; Ph.D.,  
Columbia University, 1926. (1938)

- BRYAN HEISE, Ph.D.....*Director of Extension*  
A.B., 1919, A.M., Ohio State University, 1926; Ph.D., University of Michigan, 1937. (1937)
- SIDNEY BRITTON GOFF, M.D.....*College Physician*  
*and Director of Health Service*  
B.S., University of Wisconsin, 1921; M.D., Rush Medical College, The University of Chicago, 1931. (1937)
- MARY ELLEN THOMPSON, R.N.....*College Nurse*  
Student, North Dakota Agricultural College, 1903-4; Student, State Normal School, Moorhead, Minnesota, 1905-6; Graduate, St. John's Training School for Nurses, Fargo, North Dakota, 1916. (1930)
- BEATRICE MIRIAM YATES, A.M.....*Social Director*  
*of Pemberton Hall*  
A.B., Cornell College, 1927; A.M., Columbia University, 1930. (1938)
- MARIE EVELYN LINDBERG, M.S.....*Dietitian, Pemberton Hall*  
B.S., University of Minnesota, 1932; M.S., University of Iowa, 1934. (1938)
- CAMILLE F. MONIER.....*Superintendent of Grounds* (1935)
- GRANVIL SHAFER.....*Superintendent of Buildings* (1910)
- EDSON B. CLODFELTER.....*Superintendent of Heating* (1918)
- CLARA EDITH WILLSON.....*Stenographer* (1923)
- VIOLET BIRD TAYLOR, B.A.....*Stenographer*  
B.A., Wooster College, 1927. (1935)
- LOLA AVALON EBERLY, A.B.....*Stenographer*  
A.B., University of Nebraska, 1927. (1932)
- LORETTA CATHERINE HARVEY, A.B.....*Stenographer*  
A.B., University of Illinois, 1931. (1937)
- DOROTHY VIRGINIA DAVIS.....*Stenographer*  
Eastern Illinois State Teachers College. (1937)
- HENRY J. ARNOLD, A.M.....*Manager, Textbook Library*  
A.B., DePauw University, 1923; A.M., University of Illinois, 1928. (1935)
- ROY KENNETH WILSON, B.Ed.....*Director of*  
*Alumni Activities and Public Relations*  
B.Ed., Eastern Illinois State Teachers College, 1936. (1937)

## ART

- FRANK MARTIN GRACEY, Ph.D.\*.....*Assistant Professor*  
B.A., Massachusetts Normal Art School, 1906; M.A., Yale University, 1924; Ph.D., Boston University, 1937. (1936)
- MILDRED RUTH WHITING, Ph.D.....*Assistant Professor*  
B.F.A., 1928, A.M., University of Nebraska, 1933; Graduate study, University of Minnesota, summer, 1936; Ph.D., University of Nebraska, 1938. (1936)

- ALICE MCKINNEY, A.M.....*Instructor*  
 Student, John B. Stetson University, 1904-5; B.Ed., Eastern Illinois  
 State Teachers College, 1929; Student, Chautauqua Summer School,  
 1928; Student, Woodbury School of Art and Massachusetts Art  
 School, Boston, 1930-31; A.M., Columbia University, 1935; Chicago  
 Art Institute, summer school, 1938. (1928)

## BIOLOGICAL SCIENCE

### Botany

- ERNEST LINCOLN STOVER, Ph.D.\*.....*Professor*  
 B.S., 1917, M.S., Ohio State University, 1919; Ph.D., The University  
 of Chicago, 1924. (1923)
- HIRAM FREDERICK THUT, Ph.D.....*Assistant Professor*  
 A.B., Bluffton College, 1925; A.M., 1926, Ph.D., Ohio State Univer-  
 sity, 1930. (1932)

### Zoology

- CHARLES STOCKMAN SPOONER, Ph.D.\*.....*Professor*  
 A.B., Cornell University, 1907; Part-time graduate student, Cornell  
 University, 1911-12; A.M., University of Illinois, 1918; Graduate  
 study, The University of Chicago, summer, 1918; Ph.D., University  
 of Illinois, 1936. (1919)
- WALTER MERRITT SCRUGGS, M.S.....*Assistant Professor*  
 B.Ed., Eastern Illinois State Teachers College, 1928; Graduate study,  
 State University of Iowa, summer, 1933; M.S., University of Illinois,  
 1935; Harvard University, 1937-38. (1929)

### Hygiene

- HAROLD MAXON CAVINS, M.S.....*Assistant Professor*  
 B.S., University of Illinois, 1924; M.S., The Pennsylvania State Col-  
 lege, 1928; Graduate study, Michigan State College, summer, 1930;  
 Iowa State College, summer, 1934; Stanford University, 1937-38.  
 (1928)
- SIDNEY BRITTON GOFF, M.D.....*Instructor*  
 B.S., University of Wisconsin, 1921; M.D., Rush Medical College,  
 The University of Chicago, 1931. (1937)

## COMMERCE

- JAMES MICHAEL THOMPSON, Ed.D.\*.....*Assistant Professor*  
 B.S., Nebraska State Normal School, 1929; A.M., Colorado State  
 Teachers College, 1933; Ed.D., New York University, 1936. (1937)
- EARL SAMUEL DICKERSON, M.S.....*Instructor*  
 B.S., Indiana State Teachers College, 1930; M.S., University of Illi-  
 nois, 1934; Graduate study, New York University, summer, 1938.  
 (1935)
- DOROTHY ELIZABETH WATSON, A.M.....*Instructor*  
 A.B., West Virginia University, 1922; A.M., Columbia University,  
 1931; Graduate study, Columbia University, summer, 1932, The Uni-  
 versity of Chicago, summer, 1938. (1938)

## EDUCATION

- EMMA REINHARDT, Ph.D.\***.....*Professor*  
Diploma, Illinois State Normal University, 1921; A.B., 1924, A.M., 1925, Ph.D., University of Illinois, 1927. (1927)
- FRANK ANDREW BEU, Ph.D.**.....*Professor*  
A.B., 1920, A.M., Northwestern University, 1923; Ph.D., The University of Chicago, 1936. (1927)
- HARRY LOUIS METTER, Ph.D.**.....*Associate Professor*  
Diploma, Southern Illinois State Normal University, 1921; B.S., 1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)
- DONALD ALLEN ROTHSCHILD, Ph.D.**.....*Associate Professor*  
A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State University of Iowa, 1932. (1934)
- BRYAN HEISE, Ph.D.**.....*Assistant Professor*  
A.B., 1919, A.M., Ohio State University, 1926; Ph.D., University of Michigan, 1937. (1937)
- WILLIAM H. ZEIGEL, Ph.D.**.....*Assistant Professor*  
B.S., Kirksville State Teachers College, 1925; A.M., 1926, Ph.D., University of Missouri, 1930. (1937)
- ARTHUR U. EDWARDS, Ph.D.**.....*Assistant Professor*  
A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., State University of Iowa, 1932. (1937)
- HANS CHRISTIAN OLSEN, Ph.D.**.....*Assistant Professor*  
A.B., Nebraska State Teachers College, 1920; A.M., 1922, Ph.D., Columbia University, 1926. (1938)

## ENGLISH

- ISABEL MCKINNEY, A.M.\***.....*Professor*  
A.B., The University of Chicago, 1901; A.M., Columbia University, 1904; Graduate study, Teachers College, Columbia University, summer, 1916. (1904)
- HOWARD DEFOREST WIDGER, A.M.**.....*Professor*  
A.B., Yale University, 1910; Student, Columbia University Law School, 1910-11; A.M., University of Illinois, 1930; Part-time graduate study, University of Illinois, 1935-36, 1936-37; On leave for study, University of Illinois, 1938-39. (1912)
- FRANKLYN LEHMAN ANDREWS, A.M.**.....*Associate Professor*  
Ph.B., The University of Chicago, 1922; A.M., University of Illinois, 1929; Graduate study, Columbia University, summer terms, 1936 and 1937. (1929)
- EUGENE M. WAFFLE, A.M.**.....*Assistant Professor*  
A.B., Indiana State Teachers College, 1925; Graduate study, The University of Chicago, 1925-26; A.M., Columbia University, 1932; Graduate study, George Peabody College for Teachers, 1934-36, spring quarter, 1937, 1938, 1939. (1926)
- ROBERT ARMAND SHILEY, A.M.**.....*Instructor*  
A.B., 1925, A.M., State University of Iowa, 1926; Part-time graduate student, The University of Chicago, 1926-31; Graduate study, State University of Iowa, summers, 1929, 1930; The Sorbonne, University of Paris, summer, 1933; On leave for study, School of the Drama, Yale University, 1936-39. (1931)

- WINNIE DAVIS NEELY, M.A.....*Instructor*  
Diploma, Alabama Girls Technical Institute, 1912; B.S., 1924, M.A., George Peabody College for Teachers, 1928; Graduate study, University of Wisconsin, 1930-33, summers, 1934, 1936, and 1937. (1934)
- CATHERINE FAVOUR STILWELL, Ph.D.....*Instructor*  
A.B., Radcliffe College, 1925; A.M., University of Cincinnati, 1927; Graduate study, Columbia University, Fall semester, 1930-31; Ph.D., University of Cincinnati, 1932. (1936)
- LELAND SCHUBERT, Ph.D.....*Instructor*  
B.A., Ohio Wesleyan University, 1930; M.F.A., Yale University, 1934; Graduate study, University of Minnesota, 1930-31; Ph.D., Cornell University, 1938. (Substitute instructor, 1938-39.)
- DOROTHY IBENE WEST, Ph.D.....*Instructor*  
B.S., 1926, M.A., 1928, Ph. D., University of Illinois, 1937. (Substitute instructor, spring quarter, 1939. (1938)

## FOREIGN LANGUAGE

- KEVIN JOSEPH GUINAGH, Ph.D.\*.....*Associate Professor*  
A.B., 1919, A.M., St. Vincent College, 1921; Graduate study, Catholic University of America, 1921-22; Ph.D., University of Pittsburgh, 1931. Part-time study, University of Illinois, 1938. (1931).
- ELLEN ELIZABETH MICHAEL, A.M.....*Instructor in French*  
A.B., Coe College, 1928; A.M., The University of Chicago, 1929; Graduate study, The University of Chicago, summer, 1934; Columbia University, summer, 1935. (1930)
- RUTH CARMAN, A.M.....*Instructor in German*  
Diploma, Eastern Illinois State Normal School, 1910; Ph.B., University of Wisconsin, 1913; Graduate study, University of California, summer, 1922; A.M., University of Illinois, 1925; Summer session, American Academy in Rome, 1927; Graduate study, University of Colorado, summer, 1928; Virgil Cruise, summer, 1930; Graduate study, University of Maine, summer, 1935; Colorado State Teachers College, summer, 1937. (1914)
- ANABEL JOHNSON, A.M.....*Instructor Emeritus*  
A.B., Elmira College, 1891; Student with Frau Dr. Hempel in Berlin, 1891-92 and 1894-95; A.M., Columbia University, 1907; Graduate study, Harvard University, summer school, 1908; Student in Berlin, September to December, 1911; Teachers College, Columbia University, second semester, 1912, summer school, 1918; School of Language, Middlebury College, Vt., summer, 1919; The University of Chicago, summer (6 weeks), 1920; The Sorbonne, University of Paris, March to July, 1924. (1907)

## GEOGRAPHY

- ANNIE LAURA WELLER, A.B., S.B.\*.....*Professor*  
A.B., Drury College, 1896; S.B., The University of Chicago, 1902; Graduate study, The University of Chicago, 1902-3, summers, 1902, 1903, 1904, 1908. (1903)
- RUBY MILDRED HARRIS, S.M.....*Associate Professor*  
Diploma, Eastern Illinois State Normal School, 1912; S.B., 1922, S.M., The University of Chicago, 1932; Graduate study, The University of Chicago, summer, 1936. (1923)

- ROSE ZELLER, A.M. .... *Instructor*  
 B.Ed., Illinois State Normal University, 1926; A.M., Clark University, 1930; Graduate study, Clark University, second semester, 1930, summer, 1935; On leave for study, Clark University, 1937-39. (1930)
- GEORGE DAVID KOCH, Ph.D. .... *Instructor*  
 A.B., Wayne State Teachers College, 1929; A.M., 1934, Ph.D., The University of Nebraska, 1938. (Substitute instructor, 1938-39.) (1938)

## HOME ECONOMICS

- HELENE HEYE, M.S.\* .... *Associate Professor*  
 B.S., Hastings College, 1925; M.S., Iowa State College, 1927; Graduate study, Vassar Euthenics Institute, summer, 1927; Vogue School of Fashion Art, summer, 1929; Western Reserve University, summer, 1931; New York School of Fine and Applied Arts, summer, 1932; Psychological Institute, Paris, summer, 1933; University of Iowa, 1935-1937; Ph.D., University of Iowa (expected August, 1939). (1938)
- RUTH SCHMALHAUSEN, A.M. .... *Assistant Professor*  
 Ph.B., The University of Chicago, 1923; A.M., Columbia University, 1932. (1937)
- MARIE EVELYN LINDBERG, M.S. .... *Instructor*  
 B.S., University of Minnesota, 1932; M.S., University of Iowa, 1934. (1938)

## INDUSTRIAL ARTS

- LAWRENCE F. ASHLEY, Ph.D.\* .... *Professor*  
 B.S., The Stout Institute, 1921; M.A., 1933, Ph.D., Ohio State University, 1936. (1918) (On leave, 1938-39.)
- WALTER ALLEN KLEHM, Ed.D.\* .... *Associate Professor*  
 A.B., North Central College, 1924; M.A., University of Illinois, 1929; Ed.D., University of Missouri, 1936. (Substitute instructor, 1938-39.) (1938)
- WAYNE P. HUGHES, A.M. .... *Assistant Professor*  
 Diploma, The Stout Institute, 1923; Coaching School, University of Notre Dame, summer, 1924; B.S., The Stout Institute, 1934; A.M., Columbia University, 1935; Teachers College, Columbia University, summer, 1937; On leave for graduate study, New York University, 1938-39. (1923)
- RUSSELL HENRY LANDIS, M.S. .... *Assistant Professor*  
 B.S., The Stout Institute, 1930; M.S., Iowa State College, 1934; Graduate study, The University of Chicago, summer, 1936; On leave for study, Pennsylvania State College, 1937-38. (1930)
- MERLIN RAYMOND WAGNER, M.S. .... *Instructor*  
 B.S., The Stout Institute, 1932; M.S., Oregon State Agricultural College, 1933; Graduate study, Oregon State Agricultural College, 1936-37. (1937)
- JOHN ALLAN MCCLURE, M.S. .... *Instructor*  
 B.S., 1933, M.S., University of Illinois, 1937. (Substitute instructor, 1938-39.) (1938)
- SHELBY S. SHAKE, M.S. .... *Instructor*  
 B.S., 1929, Indiana State Teachers College; M.S., Indiana University, 1934. (1938)

# LIBRARY

- MARY JOSEPHINE BOOTH, B.L.S.\*.....*Associate Professor*  
A.B., Beloit College, 1900; B.L.S., University of Illinois Library School, 1904; The University of Chicago, second summer term, 1908. (1904)
- MAY SMITH, M.S.....*Instructor*  
Diploma, Eastern Illinois State Teachers College, 1921; B.S., 1924, M.S., University of Illinois, 1936. (1931)
- LUCILLE ZEDA CROSBY, B.S. in L.S.....*Instructor*  
B.A., Friends University, 1925; B.S. in L.S., University of Illinois, 1930. (1935)
- ESTHER DUGGLEBY, M.A.....*Instructor*  
A.B., University of Denver, 1926; Library School, University of Iowa, summer session, 1929; B.S. in L.S., 1931; M.A., University of Illinois, 1938. (1935)
- HARRIET LOVE, M.S.....*Instructor*  
A.B., Vassar College, 1926; Certificate, Library School of the University of Wisconsin, 1927; M.S., School of Library Science, Western Reserve University, 1932. (1932)

# MATHEMATICS

- EDSON HOMER TAYLOR, Ph.D.\*.....*Professor*  
B.S., National Normal University, 1896; A.M., 1905, Ph.D., Harvard University, 1909; Teachers College, Columbia University, first semester, 1912-13; Student in Germany, second semester, 1912-13. (1899)
- FISKE ALLEN, A.M.....*Professor*  
Diploma, Indiana State Normal School, 1895; A.B., Indiana University, 1898; A.M., Columbia University, 1910. (1913)
- HOBERT FRANKLIN HELLER, A.M.....*Assistant Professor*  
B.S., Gettysburg College, 1924; A.M., Columbia University, 1931; Graduate study, State University of Iowa, summer, 1934; Columbia University, 1935-36. (1931)
- RUTH HOSTETLER, A.M.....*Instructor*  
Diploma, Eastern Illinois State Normal School, 1908; S.B., The University of Chicago, 1917; Graduate study, University College, The University of Chicago, 1920 and 1923; A.M., Columbia University, 1936. (1930)

# MUSIC

- IRVING WILLIS WOLFE, Ph.D.\*.....*Assistant Professor*  
B.A., Iowa State Teachers College, 1925; M.S., 1931, Ph.D., Northwestern University, 1936. (1937)
- EUGENE KEMP ASBURY, M.Mus.....*Assistant Professor*  
A.B., Indiana State Teachers College, 1927; Graduate study, Syracuse University; M.Mus., Illinois Wesleyan University, 1936. (1936)
- ETHEL IRENE HANSON, A.M.....*Instructor*  
Diploma, Milwaukee State Teachers College, 1916; B.M., University of Wisconsin, 1924; Graduate study, Northwestern University, summers, 1931, 1932, 1933; A.M., University of Wisconsin, 1935. (1927)



ROBERT AUSTIN WARNER, M.A.....*Instructor*  
A.B., Iowa State Teachers College, 1933; M.A., Eastman School of Music, University of Rochester, 1938. (1938)

WENDELL OTEY, M.A.....*Instructor*  
B.Ed., Southern Illinois State Normal University, 1935; M.A., The State University of Iowa, 1936; Graduate study, University of Michigan, summer, 1937. (1938)

FRIEDERICH KOCH .....*Associate Professor Emeritus*  
Student, Conservatory of Music, Kassel; Student under Rokitsansky, Vienna; Stockhausen, Frankfort; Van Zur Muhlen, Brussels. (1899)

## PENMANSHIP

JESSIE MARTHA HUNTER, A.M.....*Instructor*  
Normal Diploma, Ferris Institute, 1917; Palmer Method Summer Schools, Cedar Rapids, 1922, Boulder, 1924; A.B., 1931, A.M. Michigan State College 1932; Graduate study, Columbia University, 1935-36. (1937)

## PHYSICAL EDUCATION

### Men

CHARLES P. LANTZ, Pd.D.\*.....*Associate Professor*  
B.S., Gettysburg College, 1908; Student, The Chautauqua School of Physical Education, summers, 1909, 1910; Coaching School of University of Notre Dame, summer 1925; M.S., The Pennsylvania State College, 1936; Pd.D., Gettysburg College, 1938. (1911)

WINFIELD SCOTT ANGUS, M.S.....*Instructor*  
B.S., 1930; M.S., University of Illinois, 1934. (1932)

GILBERT CARSON, A.M.....*Instructor*  
Diploma, Southern Illinois State Normal University, 1921; Coaching school, University of Illinois, summer, 1924; University of Colorado, summer, 1928; University of Southern California, first semester, 1929-30; B.Ed., Southern Illinois State Normal University, 1931; A.M., State University of Iowa, 1935. (1936)

SHELBY S. SHAKE, M.S.....*Instructor*  
B.S., 1929, Indiana State Teachers College; M.S., Indiana University, 1934. Half-time. (1938)

### Women

FLORENCE MCAFEE, A.M.\*.....*Assistant Professor*  
A.B., The Pennsylvania State College, 1922; Two-year certificate, Graduate Department of Hygiene and Physical Education, Wellesley College, 1924; A.M., Columbia University, 1931; Graduate study, University of Wisconsin, summer, 1936; New York University, 1937-38. (1924)

MABEL J. HUPPRICH, M.S.....*Instructor*  
B.S., 1926, M.S., University of Wisconsin, 1930; Graduate study, University of Wisconsin, 1933-34. (1934)

EDITH CRAWFORD HAIGHT, A.M.....*Instructor*  
A.B., The Women's College of the University of North Carolina, 1915; A.M., Columbia University, 1926; Graduate study, New York University, 1930-32, 1937-38; Columbia University, 1937-38. (1938)

# PHYSICAL SCIENCE

## Chemistry

HARRIS EUGENE PHIPPS, Ph.D.\*.....Associate Professor  
A.B., Oberlin College, 1926; Night school, University of Rochester,  
1926-27; A.M., Oberlin College, 1928; Ph.D., University of Illinois,  
1931. (1931)

ALBERT B. CROWE, A.M.....Associate Professor  
A.B., 1892, A.M., Hanover College, 1897; Summer school, Univer-  
sity of Michigan, 1894; University of Colorado, 1928. (1903)

## Physics

ORA LEE RAILSBACK, Ph.D.\*.....Professor  
A.B., 1923, A.M., Indiana University, 1924; Graduate study, Indiana  
University, summers, 1924, 1926; The University of Chicago, sum-  
mer quarters, 1928, 1929; Ph.D., Indiana University, 1937. (1924)

FRANK LOUIS VERWIEBE, Ph.D.....Assistant Professor  
M.E., Cornell University, 1920; Graduate student, University of  
Buffalo, part-time, 1921-23; State Teachers College, Buffalo, part-  
time, 1923-24; M.S., 1930, Ph.D., The University of Chicago, 1933.  
Visiting Professor at Vanderbilt University, 1938-39. (1934)

RICHARD ELVIS WATSON, M.S.....Instructor  
B.Ed., Southern Illinois State Normal University, 1932; M.S., Uni-  
versity of Illinois, 1938. (Substitute Instructor, 1938-39). (1938)

# SOCIAL SCIENCE

SIMEON E. THOMAS, A.M., LL.D.\*.....Professor  
Ph.B., Upper Iowa University, 1898; A.M., State University of  
Iowa, 1902; Graduate study, Harvard University 1902-4; LL.D.,  
Upper Iowa University, 1937. (1906)

CHARLES HUBERT COLEMAN, Ph.D.....Associate Professor  
A.B., George Washington University, 1924; A.M., 1926, Ph.D., Co-  
lumbia University, 1933. (1926)

GLENN HURON SEYMOUR, Ph.D.....Associate Professor  
A.B., 1924, A.M., 1925, Ph.D., University of Illinois, 1929. (1929)

DONALD RHODES ALTER, Ph.D.....Assistant Professor  
B.S. in Ed., University of Missouri, 1920; A.M., Columbia Univer-  
sity, 1924; Ph.D., University of Illinois, 1934. (1934)

WILLIAM GERBING WOOD, Ph.D.....Instructor  
A.B., 1927, Illinois Wesleyan University; A.M., 1933, Ph.D., Uni-  
versity of Illinois, 1938. (1938)

## SPEECH

JAMES GLENN ROSS, Ph.D.\*.....Assistant Professor  
B.A., 1925, M.A., 1928, Ph.D., Ohio State University, 1933. (1934)

GRACE MILLS WILLIAMS, M.A.....Instructor  
B.A., University of Illinois, 1933; M. A., Northwestern University,  
1935. (1937)

## TRAINING SCHOOL

- HARRY LOUIS METTER, Ph.D.....*Acting Director of Teacher Training and Placement Bureau*  
Diploma, Southern Illinois State Normal University, 1921; B.S., 1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)
- ARTHUR U. EDWARDS, Ph.D.....*Principal of Elementary School*  
A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., State University of Iowa, 1932. (1937)
- EDITH LEVAKE, A.M.....*Instructor and Eighth Grade Critic*  
Diploma, State Normal School, Platteville, Wisconsin, 1910; B.S., The University of Chicago, 1927; Graduate study, The University of Chicago, summers, 1929, 1930, 1932, 1933; A.M., University of Southern California, 1935. Graduate study, University of Mexico, summer, 1938. (1924)
- EDITH E. RAGAN.....*Assistant Professor and Seventh and Eighth Grade Critic*  
Three-year English diploma, Indiana State Normal School, Terre Haute, 1900; Extension student, The University of Chicago, 1904-08; Student, Teachers College, Columbia University, summer, 1915; Student, Harvard University, summer, 1935; Chautauqua Summer School, 1936. Half-time. (1909)
- LEAH I. STEVENS, S.M.....*Instructor and Seventh Grade Critic*  
Diploma, Illinois State Normal University, 1917; S.B., The University of Chicago, 1924; Summer Field Trip, Clark University, 1927; S.M., The University of Chicago, 1934; Graduate study, Columbia University, summer, 1937. (1920)
- EMILY VERONICA BAKER, A.M.....*Instructor and Sixth Grade Critic*  
B.Ed., Illinois State Normal University, 1929; A.M., George Peabody College for Teachers, 1933; part-time graduate study, University of Illinois, 1936-37, first semester, 1937-38. Graduate study, Columbia University, summer, 1938. (1935)
- BERNICE I. BANKSON, A.M.....*Instructor and Fifth Grade Critic*  
Diploma, Illinois State Normal University, 1927; B.Ed., Eastern Illinois State Teachers College, 1932; A.M., Columbia University, 1933. Graduate study, University of California, summer, 1938. (1933)
- MYRTLE ARNOLD, A.M.....*Instructor and Fourth Grade Critic*  
Diploma, St. Cloud State Teachers College, 1917; B.S., University of Minnesota, 1930; A. M., George Peabody College for Teachers, 1935. (1930)
- NANNILEE SAUNDERS, A.M.....*Instructor and Third Grade Critic*  
B.S., George Peabody College for Teachers, 1929; A.M., Columbia University, 1935. (1935)
- OLIVE LENORE THOMPSON, A.M..*Instructor and Second Grade Critic*  
A.B., Iowa State Teachers College, 1930; A.M., The State University of Iowa, 1936. (1937)
- MARGARET B. DONLEY, A.M.....*Instructor and First Grade Critic*  
B.S., Kansas State Teachers College, Emporia, 1927; A.M., Columbia University, 1932. On leave from October, 1938 to March, 1939. (1935)
- MARY LETITIA ELLICOTT, A.M.....*Instructor and First Grade Critic*  
Diploma, State Teachers College, Chadron, Nebraska, 1924; A.B., 1929, A.M., Colorado State College of Education, 1931. (Substitute instructor, October, 1938—March 3, 1939).

# HIGH SCHOOL

- DONALD ALLEN ROTHSCHILD, Ph.D.....*Principal of High School*  
A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State University of Iowa, 1932; Part-time study, University of Illinois, 1937-38. (1934)
- LENA BOYD ELLINGTON, A.M.....*Instructor in History*  
A.B., Mississippi State College for Women, 1906; A.M., Columbia University, 1914; Graduate study, The University of Chicago, summers, 1912, 1920, 1925, 1933, 1935; University of California, summer, 1928. Graduate study, The George Washington University, summer, 1938. (1920)
- ICA MARKS, M.S.....*Instructor in Biological Science*  
B.Ed., Eastern Illinois State Teachers College, 1927; M.S., Ohio State University, 1929; Graduate study, State University of Iowa, 1929-30; University of Michigan, summers, 1935, 1936, 1938. (1932)
- RUTH CARMAN, A.M.....*Instructor in Latin*  
Diploma, Eastern Illinois State Normal School, 1910; Ph.B., University of Wisconsin, 1913; Graduate study, University of California, summer, 1922; A.M., University of Illinois, 1925; Summer session, American Academy in Rome, 1927; Graduate study, University of Colorado, summer, 1928; Virgil Cruise, summer, 1930; Graduate study, University of Maine, summer, 1935; Colorado State Teachers College, summer, 1937. (1914)
- GERTRUDE HENDRIX, M.S., A.M.....*Instructor in Mathematics*  
A.B., DePauw University, 1926; M.S. (Education), 1930; A.M. (Mathematics), University of Illinois, 1935. (1930)
- ROBERTA LEE POOS, A.M.....*Instructor in English*  
B.Ed., Illinois State Normal University, 1927; A.M., University of Illinois, 1935; Graduate study, Pennsylvania College for Women, summer, 1937. (1935)
- SETH ARTHUR FESSENDEN, M.S.....*Instructor in English*  
B.S., 1934; M.S., University of Illinois, 1935; Graduate study, University of Montana, summer, 1937; Cornell University, summer, 1938. (1938)
- BEATRICE MIRIAM YATES, A.M.....*Instructor in English*  
A.B., Cornell College, 1927; A.M., Columbia University, 1930. Half-time. (1938)
- PARIS JOHN VAN HORN, M.S.....*Instructor in Science*  
B.S., Indiana State Teachers College, 1926; M.S., Indiana University, 1935; Graduate study, Indiana University, summer, 1937. (1935)
- NORRIS G. MITTS, A.M.....*Instructor*  
B.Ed., Illinois State Normal University, 1932; A.M., Colorado State College of Education, 1936. (1938)
- OLIVER WILLIAM FISCHER, A.M.....*Instructor in Industrial Arts*  
B.S., Bradley Polytechnic Institute, 1930; A.M., University of Missouri, 1936. (1937)

## INACTIVE INSTRUCTORS IN ORDER FOR EMERITUS RATING

- ANNA HOLDEN MORSE.....*First Grade*  
GRACE GEDDES .....*Second Grade*  
GILBERTA COFFMAN .....*Sixth Grade*

**AFFILIATED SCHOOLS**

HANS CHRISTIAN OLSEN, Ph.D.....*Acting Director  
of Off-Campus Student-Teaching*  
A.B., Nebraska State Teachers College, 1920; M.A., 1922, Ph.D.,  
Columbia University, 1926. (1938)

***Humboldt High School***

HOWARD EUGENE GREER, M.A.....*Superintendent, Humboldt  
Public Schools, History and Geography*  
B.Ed., Southern Illinois State Normal University, 1932; M.A., Uni-  
versity of Illinois, 1936. (1936)

EUGENE BRADLEY ARMER, B.Ed.....*Mathematics and Science*  
B.Ed., Eastern Illinois State Teachers College, 1935; Graduate study,  
University of Illinois, summers, 1936, 1937. (1935)

MARY ELIZABETH POORMAN, B.A.....*History and English*  
B.A., DePauw University, 1932; Graduate study, University of Illi-  
nois, summer, 1937. (1935)

GRACE ETHELYN RIEGLE, B.Ed.....*Latin, English, and History*  
B.Ed., Eastern Illinois State Teachers College, 1932; Graduate study,  
University of Illinois, summers, 1935, 1937. (1935)

***Humboldt Elementary School***

VELMA HARVEY, B.Ed.....*Grades 1, 2 and 3*  
B.Ed., Southern Illinois State Normal University, 1938. (1938)

AVIS SMITH, B.Ed.....*Grades 4, 5 and 6*  
B.Ed., Western Illinois State Teachers College, 1938. (1938)

DENSON SPROUSE, B.Ed.....*Grades 7 and 8*  
Diploma, Blackburn College, 1932. B.Ed., Eastern Illinois State  
Teachers College, 1937; Graduate study, University of Illinois, part-  
time, 1937-38, 1938-39. (1937)

***Rural Schools***

THEODOSIA NEWMAN WILHELM, B.Ed.....*Oak Grove Rural School*  
B.Ed., Eastern Illinois State Teachers College, 1931. (1936)

GLENNA JUANITA ALBERS, B.Ed.....*Clearspring Rural School*  
B.Ed., Eastern Illinois State Teachers College, 1932. (1937)

IZETTA ELIZABETH GABEL, B.Ed.....*Lafferty Rural School*  
B.Ed., Eastern Illinois State Teachers College, 1937. (1937)

**EXTENSION**

|                                    |  |
|------------------------------------|--|
| BRYAN HEISE, Ph.D.....             | <i>Director of Extension<br/>Education</i> |
| DONALD RHODES ALTER, Ph.D.....     | <i>Social Science</i>                      |
| CHARLES HUBERT COLEMAN, Ph.D.....  | <i>Social Science</i>                      |
| EARL SAMUEL DICKERSON, M.S.....    | <i>Commerce</i>                            |
| ARTHUR U. EDWARDS, Ph.D.....       | <i>Education</i>                           |
| KEVIN JOSEPH GUINAGH, Ph.D.....    | <i>Philosophy</i>                          |
| G. DAVID KOCH, Ph.D.....           | <i>Geography</i>                           |
| HARRY L. METTER, Ph.D.....         | <i>Education</i>                           |
| JAMES GLENN ROSS, Ph.D.....        | <i>Speech</i>                              |
| DONALD ALLEN ROTHSCHILD, Ph.D..... | <i>Education</i>                           |
| GLENN HURON SEYMOUR, Ph.D.....     | <i>Social Science</i>                      |
| EDSON HOMER TAYLOR, Ph.D.....      | <i>Mathematics</i>                         |
| S. E. THOMAS, LL.D.....            | <i>Social Science</i>                      |
| MERLIN R. WAGNER, M.S.....         | <i>Industrial Arts</i>                     |
| HOWARD DEFOREST WIDGER, A.M.....   | <i>English</i>                             |
| WILLIAM WOOD, Ph.D.....            | <i>Social Science</i>                      |
| WILLIAM H. ZEIGEL, Ph.D.....       | <i>Education</i>                           |



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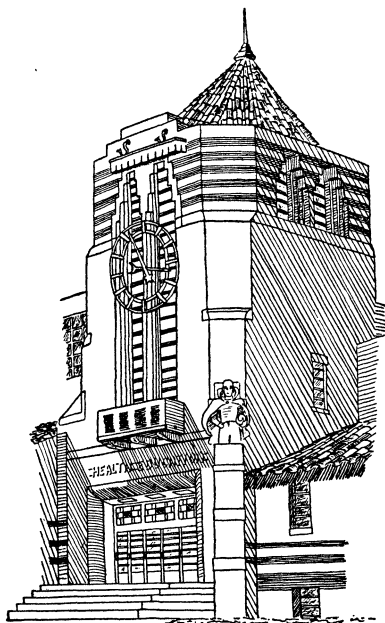
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## PART I: GENERAL INFORMATION

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LOCATION • HISTORY • EQUIPMENT • RATING •  
EXPENSES • COLLEGE TEXTBOOK LIBRARY •  
PENALTIES • BOARD AND ROOM • SCHOLARSHIPS •  
EDUCATIONAL BENEFIT ACT • LOAN FUNDS •  
STUDENT ACTIVITIES • ALUMNI CLUB • THE ALUMNI  
ASSOCIATION • ASSOCIATED EASTERN STATE  
CLUBS • THE BUREAU OF TEACHER PLACEMENT •  
THE CERTIFICATING LAW



Health Education Building





## EASTERN ILLINOIS STATE TEACHERS COLLEGE

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### LOCATION

Charleston, the county seat of Coles County, is located on the New York Central (Big Four) Railroad running between St. Louis and Indianapolis, and on the Nickel Plate Railroad running between St. Louis and Toledo. The main line of the Illinois Central Railroad, extending south from Chicago, passes through Mattoon, twelve miles to the west of Charleston. The city has a population of eight thousand.

Charleston is on Illinois Route 16, running across Illinois through Litchfield, Hillsboro, Pana, Shelbyville, Mattoon, Charleston, and Paris, and eastward to Terre Haute, Indiana. Illinois Route 130 begins at Charleston and extends south through Greenup, Newton, and Olney to Albion, Illinois.

A bus-line connects west with Mattoon, Decatur, and Springfield and east with Paris, Terre Haute, and Indianapolis.

Distances in miles from Charleston by paved highway are:

|                        |     |                     |    |
|------------------------|-----|---------------------|----|
| Chicago .....          | 200 | Flora .....         | 68 |
| St. Louis .....        | 145 | Lawrenceville ..... | 80 |
| Terre Haute .....      | 51  | Danville .....      | 63 |
| Decatur .....          | 53  | Vandalia .....      | 72 |
| Champaign-Urbana ..... | 58  | Olney .....         | 59 |
| Salem .....            | 86  | Pana .....          | 54 |

### HISTORY

In order to provide more adequate facilities for the training of teachers for the public schools of the state, the General Assembly of Illinois, by an act approved May 22, 1895, established the Eastern Illinois State Normal School. By an act of 1921 the institution became the "Eastern Illinois State Teachers College at Charleston." On September 7, 1895, the five trustees provided for in the act selected a beautiful forty-acre tract of land three-quarters of a mile south of the public square of Charleston. The citizens of Charleston bought the land and presented it to the state. The building was erected at a cost of \$180,000. The grounds are shaded by many fine old trees.

December 2, 1895, the contract was made for the erection of the building. The corner stone was laid on the afternoon of May 27, 1896. The building and grounds were dedicated August 29, 1899, and on September 12, 1899, the institution was opened to students.

S. M. Inglis, chosen to be the first president of the institution in 1898, never served in this capacity due to his death in that same year.

Livingston C. Lord became the first president, opening the school on September 12, 1899, and served as administrator until his death, May 15, 1933. Edson H. Taylor, Professor of Mathematics, served as acting president from May 16, 1933, until September 30, 1933. Robert G. Buzzard began service as the second president on October 1, 1933.

During the first year there were nineteen members of the faculty and two hundred and forty students. At the end of the first year, June, 1900, four students were granted the diploma of the school upon completion of the course of study. In 1938 ninety-two students were graduated from the Senior College and seventy-five students from the Junior College.

During the summer of 1901, a six weeks session was offered for teachers. From 1920 to 1932, the college offered a twelve weeks summer quarter. In 1933 and 1934 a six weeks summer term was offered. Since 1935 an eight weeks summer term has been offered. A mid-spring session of six weeks was offered from 1922 to 1929.

In 1907 the power of conferring degrees was granted to the institution by the General Assembly. Courses leading to the degree of Bachelor of Education (B.Ed.) were announced in 1920.

## EQUIPMENT

**Grounds.** The grounds comprise forty acres, including the campus proper, the forest plantation, and the athletic field. These grounds are considered exceptionally beautiful. A natural grove and other fine trees, a wide stretch of green, many borders of shrubbery and perennials, and a formal garden present a succession of pictures throughout the year. In the main grounds are the tennis courts, the children's playground, and the school garden. The forest plantation, planted during the early years of the institution, now includes several acres of trees, much used in botanical and zoölogical studies, a picnic ground, and a rock garden. In the adjoining athletic field are the football field and a quarter-mile cinder track.

A seventy-two acre tract of farm land was added to the campus in 1931 through an appropriation of \$21,600 made by the General Assembly. This tract of land contains a baseball diamond, several football practice fields, and a nine-hole golf course. The farm house is used as a co-operative dormitory by a group of men students.

**Main Building.** The main building is a three-story structure, three hundred twenty-three feet in length, built of rough Bedford stone. It is in the Norman style, with a tower which is the neighborhood landmark. In this building are offices, the library, the assembly room, music and art rooms, and classrooms.

**Training School Building.** The legislature of 1911 appropriated \$75,000 for a training school building. It is of smooth Bedford stone, and was completed in 1913. It provides a double classroom for each grade, contains a children's library, laboratory rooms for art and music, and offices for the Director of Teacher Training, the Bureau of Teacher Placement, and the Department of Education.

**Pemberton Hall.** The legislature of 1907 appropriated \$100,000 for a woman's building and gymnasium—the first appropriation for a woman's building ever made in the State of Illinois. A fine stone structure was finished and occupied January 4, 1909. The building has been recently refurnished and remodeled and is now in excellent condition to serve as a dormitory for ninety-one students.

**Practical Arts Building.** The legislature of 1925 appropriated \$175,000 for a practical arts building, which was completed in 1929. This building furnishes facilities for students who wish to specialize in industrial arts and home economics for teaching preparation in these subjects for the Smith-Hughes Vocational Schools.

Shops are provided for practice in hand and machine woodwork, metal machine shops and automobile repair, sheet metal work, general metal, electrical construction and installation, printing and mechanical drawing. These shops are well lighted and are on the first floor of the building. The basement is divided into classrooms, storage rooms, and locker rooms.

The home economics department occupies the entire second floor of this building. Here are food laboratories, sewing rooms, fitting rooms, a lecture room, a dining room, a unit kitchen, a foods classroom, offices, and reception room.

**Health Education and Science Buildings.** In 1935 the General Assembly appropriated \$1,000,000 for buildings and betterments at the state teachers colleges. The Normal School Board allotted \$350,000 for Health Education and Science buildings at Charleston, and the Federal Public Works Administration added \$285,750 as a building grant. Construction on the Health Education Building began on December 11, 1936, and the building was dedicated on May 14, 1938. With equipment and grading the cost of this building approximates \$490,000. The rise of building costs necessitated an allotment of an additional \$175,000 for the construction of the Science Building. Work on this building began in June, 1937, and the building will be completed by September, 1939. The cost of the building and equipment approximates \$383,000.

**Music Building.** A three-room stucco building, south of the power house, formerly used for Industrial Arts, is now used for the band and orchestra. Lessons are given here in band and orchestra instruments.

**Library.** The library contains 53,737 books and pamphlets. The reference books, bound periodicals, and reserve books are shelved in the two reading rooms. Here are also found the current numbers of 337 periodicals, including many devoted to special subjects. A children's library occupies a commodious room at the north end of the third floor of the training school building. A children's librarian is in charge. The library has a dictionary card catalogue and the books are classified according to the Dewey decimal system. There is a large collection of classified pictures. Four librarians are in charge. *Lessons in the use of the library* are required in all curricula as explained in the Description of Courses.

**Greenhouse.** A four-room greenhouse contains many plants of unusual interest and serves as an adjunct to the botanical laboratories.

Additional facilities for field observation and for obtaining laboratory materials are offered by a forest plantation within five minutes' walk of the biological laboratories.

**Laboratories.** The Science Building affords adequate laboratory facilities for college classes in botany, chemistry, geography, geology, hygiene, physics, and zoology. The biological and physical science laboratories for the high school are also located in this building.

## RATING

The Eastern Illinois State Teachers College is recognized with full standing as a Teachers College in the American Association of Teachers Colleges. It is an accredited college in the North Central Association of Colleges and Secondary Schools, and is recognized as an institution whose degree admits to full graduate standing in the University of Illinois.

## EXPENSES

Tuition is free to legal residents of Illinois who agree to teach in the public schools of the State for a period equal to the time spent in college. Students who do not take a required course leading toward a teacher's certificate, a diploma, or a degree must pay tuition of \$15.00 a quarter in addition to all fees described below. Freshmen or sophomore students not registered for required physical education or library use will be regarded as tuition students.

Students who have been dropped by other colleges, or who are on probation from other colleges, must pay the tuition fee of \$15.00 a quarter plus the fees listed below, unless they have been out of school for one year, and until one quarter of work has been completed with a scholarship average of C.

Students who are on probation for two consecutive quarters are excluded from attendance for the period of one calendar year unless tuition is paid and they are given special permission by the Dean to remain. They are reported as "Dropped on account of low scholarship" if record is transferred to another college.

The original transcript of a student's record with one carbon copy will be mailed upon request without cost to the student; but a charge of \$1.00 is made for additional copies of this transcript sent later.

The Normal School Board ruled on August 22, 1938, "That no credits be issued for transfer to any school unless the applicant for such transfer shall furnish satisfactory proof that he intends to go into the teaching profession, or until tuition is paid for the time the applicant attends as required by the ruling of the Normal School Board."

Fees for each quarter (12 weeks) are \$18.50, distributed as follows:

|   |         |
|---|---------|
| Registration .....                        | \$10.00 |
| Student Activity Fee.....                 | 5.00    |
|   | <hr/>   |
|   | \$15.00 |
| Book Rental Fee (as described below)..... | 3.50    |
|   | <hr/>   |
| Total .....                               | \$18.50 |

Fees for materials used are paid in certain courses in art, home economics, and industrial arts. Completed projects are the property of the student. A fee of \$1.00 per quarter is required of students taking laboratory science courses to cover supplies and breakage, for music instruments, technique courses in music, and typewriting.

A \$5.00 graduation fee for either a diploma or a degree is payable on April 1. This fee covers all graduation expenses, including use of cap and gown.

A towel deposit of seventy-five cents is required for each student in physical education each quarter. Fifty cents of this amount is refunded when the towel is returned at the end of the quarter.

*There is no refund of any fees in case a student withdraws his registration after the first week of the quarter. Application for this refund must be received by the Registrar by Saturday noon of the first week in the quarter.*

## COLLEGE TEXTBOOK LIBRARY

The Eastern Illinois State Teachers College offers a plan of providing adequate textbooks for all classes at unusually low cost. The college operates a bookstore on a flat rental basis. At registration each college student pays a book-rental fee of \$3.50, and is furnished all the textbooks needed in the courses for which he is registered. Laboratory manuals and special notebooks are procured by the student at additional cost as needed. All textbooks must be returned in satisfactory condition by a specified time at the end of each quarter or a fine of one dollar is incurred.

Books lost or damaged other than by ordinary wear must be paid for before the student's grades for that quarter are officially released. Students noting damage or markings in textbooks issued to them must report such condition to the bookstore within the first two weeks of the quarter or be held liable for such damage.

## PENALTIES

**Late Registration.** An additional fee of \$1.00 is charged if a student fails to complete his registration on the date appointed for registration as announced in this catalogue.

**Change in Program.** An additional fee of \$1.00 is charged if a change in program is made after the third day of the quarter.

**Textbook Library Record.** An additional fee of \$1.00 is charged if the student's record at the textbook library is not clear at the close of each quarter.

**General Library Record.** An additional fee of fifty cents is charged if the student's fine record at the general college library is not clear at the close of each quarter.

**Intelligence Tests.** An additional fee of \$1.00 is charged each student who does not take the intelligence tests on the day when they are scheduled.

**Student Photograph.** An additional fee of fifty cents is charged if five prints of the student's photograph to be taken by the official photographer are not filed in the Registrar's Office within three weeks after registration. There is no charge to the student for the photographs if they are taken within the period mentioned.

## BOARD AND ROOM

Room without board can be obtained in private families for from \$1.75 to \$2.50 a week for each student (two students sharing the room).

**Pemberton Hall.** The women's dormitory provides rooms, including heat and light, with privileges of laundry, varying from \$2.00 to \$2.50 per week, payable monthly in advance. For table board, \$5.00 a week is charged, payable monthly in advance (\$20.00 at the beginning of each month).

A deposit of \$5.00 is required for a reservation at Pemberton Hall. Reservation is filed at the hall when deposit is received and credited at the business office. Application blanks will be sent at the request of students. In case of withdrawal a student must pay room rent for the current month, and board for the current week.

The deposit is credited to the student as part of the first month's payment but forfeited if the student cancels the reservation too late to have it used by someone else.

**Cooperative Dining Service.** There are three cooperative dining services for men students, one of which, the Panther's Lair, is sponsored by the college. The other two are sponsored by fraternities and are subject to college supervision. Members of the services share in the work, with each member working approximately one-half hour each day. The actual cost of food is divided among the members once a week. Last year the cost averaged \$2.40 a week for each member. Further information may be obtained by writing to the Dean of Men.

**Housing Bureau.** The college maintains a Housing Bureau in order to assist students in finding rooms. Householders who have rooms to rent to students are registered with the bureau; the rooms are inspected and when approved are put on the list of available rooms. Approved rooming houses display cards with such announcement.

The Dean of Men is in charge of the approved list of rooms for men, and the Dean of Women is in charge of the list for women. Students may obtain this list by writing to the Housing Bureau or may come for consultation on arrival at the college.

## SCHOLARSHIPS

**Army and Navy Scholarships.** Men who served in the United States Army or Navy in the Great War and who were residents of Illinois at the time of entering the service are exempt from the payment of tuition and registration fee (\$10.00). They pay only the student activity fee of \$5.00 and the book rental fee of \$3.50.

**Normal School Scholarships.** The state legislature passed an act in 1935 stating that:

There shall be awarded annually to each recognized four-year high school with an enrollment of less than five hundred (500) students one (1) scholarship; to each recognized four-year high school with an enrollment of five hundred (500) to one thousand (1,000) students, inclusive, two (2) scholarships; and to each recognized four-year high school with an enrollment of more than one thousand (1,000) students, three (3) scholarships. Each scholarship shall entitle the holder thereof to gratuitous instruction in any state normal school or teachers college for a period of four years.

The county superintendent of schools will certify the names and addresses of such students so certified to him to the Superintendent of Public Instruction, who shall issue to each student a certificate of scholarship which shall be accepted by the authorities of any state normal school or teachers college in lieu of any entrance examination, and shall exempt the holder thereof, from the payment of any tuition, matriculation, or incidental fees whatsoever, which are remitted to the State Treasurer.

Holders of Normal School Scholarships pay only the student activity fee of \$5.00 a quarter and the book rental fee of \$3.50. The scholarship must be presented on registration day. Normal School Scholarships are honored only for three quarters of the calendar year.

**Lindly Scholarships.** Holders of valid Lindly Scholarships, issued before 1936 and received at the time of graduation from the eighth grade, pay only \$5.00 for the student activity fee and the book rental fee of \$3.50.

The student must present the Lindly Scholarship at the time the fees are paid.

**University of Illinois Graduate Scholarship.** For three years the University of Illinois has offered a graduate scholarship to a degree graduate of not more than three years standing, engaged in educational work, of the value of remission of fees and a remuneration of three hundred dollars. The nomination of the faculty for 1938-39 was Leallyn Burr Clapp, a major in physics.

**The Florence Vane Skeffington Scholarship.** In memory of Florence Vane Skeffington, whose rare abilities and personality gave character to the English work of this school for seventeen years, the Florence Vane Skeffington Scholarship is awarded annually at Commencement to a student whose gifts and attainments promise distinction in the teaching of English.

The award was given to Reba Margaret Goldsmith for 1938-39.

**The Livingston C. Lord Memorial Scholarship.** The Alumni Association of the Teachers College has established a scholarship fund in memory of Livingston C. Lord, President of the College, 1899-1933.

This scholarship is awarded annually at Commencement from the interest on the fund to a junior or senior student whose character, scholarship, and skill in teaching promise service of distinction in the field of education. The award for 1938-39 was made to Robert Edward Hallowell.

## EDUCATIONAL BENEFIT ACT

The Illinois Educational Benefit Act of 1935 reads as follows:

Section 1. The sum appropriated under the provisions of this Act shall be used for the sole purpose of providing for matriculation fees, board and room rent and books and supplies for the use and benefit of the children not under sixteen and not over twenty-two years of age; and who have for twelve months had their domicile in the State of Illinois, of those world war



veterans, who were killed in action or died from other causes in the World War, from April 6, 1917 to July 2, 1921, while serving in the army, navy or marine corps of the United States as a result of such service; which orphans are attending or may attend a state educational institution of a secondary or college grade. Said children shall be admitted to state institutions of secondary or college grade, free of tuition.

Application blanks to benefit from this act may be obtained from Mr. John J. Hallihan, Director of the Department of Registration and Education, Springfield, Illinois.

## LOAN FUNDS

**The Student Loan Fund.** The Student Loan Fund of the Eastern Illinois State Teachers College makes it possible for a student in the second half of the course to borrow, at a low rate of interest on a personal note, a sum of money that will help him to remain in college and complete the course. A grade point average of 1.5 (half way between C and B) is required.

Under the will of the late Dr. W. D. Morgan, of Charleston, there is given to the Student Loan Fund the annual income from about six thousand dollars, which is one-seventh of the estate. An additional amount will be received at the death of certain heirs.

**The Adelia Carothers Fund.** A fund known as "The Adelia Carothers Fund" has been established by Mrs. Ida Carothers Merriam and Mr. Charles G. Carothers in memory of their mother. This fund is to be loaned to young women students of high character and scholarship during the last half of their course.

## STUDENT ACTIVITIES

In the belief that the extra-curricular activities of a college are an important agency for developing initiative, and for organizing ability and teamwork on the part of prospective teachers, the administration makes an effort to induce every student to participate. Activities that increase interest in departmental or subject-matter fields, in music, in dramatics and public speaking, in journalism, in organized social life, in current affairs, and in recreation and athletics form the college program. A Student Council has general supervision over student welfare, and consists of seventeen members: four elected from the senior class, three from the junior class, two from the sophomore class, and two from the freshman class. The remaining six, who are ex-officio members, are the four class presidents, the president of the Women's League, and the president of the Men's Union.

Extra-curricular activities are financed by a self-imposed Student Activity Fee paid at the time of registration. This fee covers admission to the numbers of the Entertainment Course, to athletic events, to the all-school parties, to the musical programs, to college debates and oratorical contests, and entitles the student to a copy of the weekly paper, *The Teachers College News*, and if in attendance the three quarters of the regular year, to a copy of the college annual, *The Warbler*. This fee is divided among the various activities by an Apportionment Board of faculty and students on which student representation is in majority. The major activities are in turn governed

by groups of faculty and students, with student representation in majority, such as the Entertainment Board, Athletic Board, the Forensics Board, the Music Board, the Publication Board, and the Social Activities Board. Each organization receiving funds from the Student Activity Fee presents an annual accounting of receipts and disbursements through the President of the college to the State Normal School Board.

### ENTERTAINMENT COURSE, 1938-39

October 17—Mrs. Franklin D. Roosevelt, lecture.

November 13—United States Navy Band Concert.

December 12—Ballet Caravan.

January 9—Play: "Prologue to Glory" presented by the Federal Theatre Group of Chicago.

January 24—Dr. Carlton Palmer, art exhibition and lecture.

April 23—Illinois Symphony Orchestra.

### STUDENT PUBLICATIONS

An eight-page newspaper, *The Teachers College News*, is published weekly by a student staff under a faculty adviser, with Wednesday as date of issue. Special issues are devoted to various occasions of the college year. Staff membership is open to all students, and is usually achieved through completing the courses in journalism offered by the Department of English. For the last nine years *The Teachers College News* has held first place in competitive ranking of the college newspapers of Illinois, and for the same period, the enviable position of "first class" in the ranking of the School of Journalism of Columbia University. In 1935, 1937, 1938, and 1939 the high position of medalist was achieved in the Columbia rating. *The Teachers College News* is a member of the National, the Columbia University, and the Illinois Colleges press associations.

The college yearbook, *The Warbler*, is issued annually as a pictorial and achievement record of the college year. An editorial and business staff entirely of students, supervised by a faculty adviser, is responsible for the publication. Staff membership is open to any student in college. *The Warbler* of 1938 was rated medalist by Columbia University and All-American by the National Scholastic Press Association.

### SOCIAL ACTIVITIES

**Social Activities Board.** This committee has charge of student social affairs and is responsible for arranging the social calendar, for maintaining a balanced social program, and for exercising general supervision of all social activities of the college. All social functions are scheduled by the school calendar, and supervision by committees and chaperons arranged two weeks in advance. No social affair may continue after midnight on Saturday night. The Dean of Women and the Dean of Men are the faculty members charged with directing the social welfare of the student body, and are members ex-officio of the Social Activities Board.

The general social life of the college is carried on by The Men's Union and The Women's League, working in cooperation with the Dean of Men and the Dean of Women. The major activities are in turn governed by a series of six other boards made up of faculty and students, with duties implied in the names given them. The boards for 1938-39 are:

### Apportionment Board

#### *Faculty*

Kevin J. Guinagh  
Charles S. Spooner  
Simeon E. Thomas (Chmn.)  
Annie L. Weller  
William H. Zeigel

#### *Students*

Philip Black '40  
Martin Dennis '39  
Hayes Kennard '39  
Mary Jane Kelly '38  
James Neal '41  
James Rice '39  
Harry Wood '40

### Athletic and Sports Board

#### *Faculty*

Oliver M. Fischer  
Charles P. Lantz (Chmn.)  
Florence McAfee  
Glenn H. Seymour  
James M. Thompson

#### *Students*

Martin Dennis '39  
Herschel Jones '40  
Esther Lumbrick '40  
Violet Podesta '39  
Louis K. Voris '39  
Harry Wood '40

### Entertainment Board

#### *Faculty*

Florence McAfee  
J. Glenn Ross  
Glenn H. Seymour (Chmn.)  
James M. Thompson  
Irving Wolfe

#### *Students*

Dan Gilbert '40  
June Henderson '39  
Marvin Kincaid '40  
Max King '40  
Walter Ritchie '39  
Glenn Sunderman '39

### Forensics and Dramatics Board

#### *Faculty*

Charles H. Coleman  
J. Glenn Ross (Chmn.)  
Leland Schubert  
Mildred Whiting  
Grace Williams

#### *Students*

Lloyd Kincaid '39  
Helen McIntyre '40  
Stephen Prosen '39  
Betty I. E. Rice '39  
James Rice '39  
Glenn Sunderman '39  
Helen Thomas '41

### Music Activities Board

#### *Faculty*

Ethel I. Hanson  
Hobart F. Heller  
Ora L. Railsback  
Catherine F. Stilwell  
Irving Wolfe (Chmn.)

#### *Students*

Eileen Daugherty '39  
Carolyn Gilbert '40  
John Howell '39  
Raymond Lane '40  
Joseph Snyder '40

### Social Activities Board

#### *Faculty*

Donald R. Alter (Chmn.)  
Hobart F. Heller  
Catherine F. Stilwell  
H. F. Thut  
Beatrice Yates

#### *Students*

Quentin Abraham '41  
Betty Lou Bails '40  
Bertram Lynch '40  
James Michael '39  
Violet Podesta '39  
Helen Roberts '41

### Student Publications Board

#### *Faculty*

Franklyn L. Andrews (Chmn.)  
Walter Klehm  
Isabel McKinney  
Merlin R. Wagner  
Roy Wilson

#### *Students*

Bus. Mgr. T. C. News  
Bus. Mgr. T. C. Warbler.  
Editor T. C. News  
Editor T. C. Warbler  
Mary Jane Kelly '39  
James Michael '39  
Glenn Sunderman '39

**Men's Union.** All men students are, by right of registration, members of the Men's Union. Organized during 1930-31, the group endeavors to create a feeling of unity among the men and to promote all-school activities.

**Women's League.** Every woman upon registration becomes automatically a member of the Women's League. Organized during 1930-31, the League promotes solidarity of social life and service among the women students. The women are organized into groups called Units, and government is vested in a Council of Nine, elected from the membership at large.

### ATHLETIC ACTIVITIES

The college is a member of the Illinois Intercollegiate Athletic Conference, generally known as the "Little Nineteen Conference," and maintains athletic teams for intercollegiate competition in football, basketball, baseball, track, tennis, golf, and cross-country running. In 1938 the golf team won first place in the Teachers College match. A well organized program of intramural games for men is carried out. Wearers of the varsity monogram achieved through athletic competition are organized into the Varsity Club. This group of men endeavors to promote the various phases of college athletics.

The women's athletic program is under the direction of the Women's Athletic Association. Participation in various "play days" among the Illinois Colleges is a part of the year's program.

## SPEECH ACTIVITIES

**Dramatics.** The college dramatics organization is known as "The Players." It is one of the largest and most active organizations on the campus. Leading activities include the annual presentation of three major productions. Tryouts for parts in these plays are open to all students. A system of regular meetings deals practically with the activities connected with the amateur stage and permits student production of a series of one-act plays. Accumulated participation in dramatics elects to membership in Illinois Epsilon Chapter of Theta Alpha Phi, national honorary dramatics society.

A new auditorium with a large stage supplied with all modern equipment has been in use for a year. There are two large dressing rooms and a make-up room surrounded by mirrors. The lighting equipment includes a large remote-control, interlocking major switch-board, footlights, x-ray border lights, floods, and spotlights.

**Forensics.** College forensics include a program of intra-mural speech events and intercollegiate competition for both men and women in debate, oratory, extempore speaking, and discussion. The forensics club is known as "The Speakers." Each year the club sponsors a program of intramural speaking activities, including debating, original oratory, extempore speaking, oratorical declamation, serious, comedy, and scripture readings. Participation is open to all students.

The college is a member of the Illinois Intercollegiate Debate League and sends both men's and women's teams to the annual State tournament. During the year 1938-39, Eastern debaters competed with leading colleges and universities of the Middle West in tournaments held on the local campus, at Illinois State Normal University, at the State Teachers College, Whitewater, Wisconsin, at Manchester College, and at Lake Forest College. In 1938-39, Eastern's debaters tied for third in debate at Whitewater. In a discussion contest held in connection with the same tournament, Elbert Fairchild, of Eastern, won first place. The year previous Eastern debaters won first honors at the Manchester tournament.

The college is also a member of the Illinois Intercollegiate Oratorical Association, affording competition to both men and women students. In 1938-39, Betty Rice, of Eastern, won second in State oratory and first in an invitational contest at Illinois Wesleyan University.

**Speech Correction Clinic.** In the work of the clinic the faculty director and student assistants guide speech-handicapped children toward rehabilitation.

**Speakers' Bureau.** A speakers' bureau affords interested students opportunities to gain practical experience in speaking with audiences, including service clubs, study clubs, and church organizations, which

often feel a need for worthwhile inexpensive programs. The administration of the bureau is carried on by students with faculty cooperation.

## MUSIC ACTIVITIES

A variety of music organizations at Eastern provides opportunities for musical growth through enjoyable activities which, in turn, contribute richly to the life of the College. Instrumental organizations include a uniformed marching band which functions during the football season, a sixty-piece concert band of complete instrumentation, and a concert orchestra. The major choral organizations are the College Choir, the Men's Glee Club, the Bel Canto Glee Club, and the Women's Chorus. Small vocal and instrumental ensembles afford additional opportunities for talented students to participate in studying and re-creating music appropriate to these media.

All the major organizations provide musical selections for chapel and various programs through the year, uniting to present the "Messiah" at Christmas and an oratorio or opera in the spring. The Men's Glee Club, the College Choir, the Bel Cantos, and the Concert Band annually present public concerts and represent the College in radio broadcasts and in concert tours through eastern and central Illinois.

## DEPARTMENTAL CLUBS

Clubs with regularly scheduled meetings are maintained by several departments and by student-faculty groups with common interests. Off-campus speakers often appear on the programs of these clubs. Clubs under present recognition are:

*The Art Club* is open to anyone interested in art, but active membership is confined to students who have had at least one quarter of art. *Palette* is a group within the Art Club composed of students whose work in art has merited special recognition.

*Commerce Club*, organized by students majoring and minoring in this field, to promote the professional growth, recreation, and general welfare of its members.

*Country Life Club*, sponsored by students expecting to teach in rural schools.

*The Forum*, a discussion group of faculty and students interested in current economic, political, and social problems.

*French Club*, organized for improving conversation in French and the study of French life.

*Geography Club*, sponsored by students using geography as a major or minor teaching subject.

*Home Economics Club*, maintained by young women enrolled in the home economics curriculum, and affiliated with the Illinois State and the National Home Economics Associations.

*Industrial Arts Club*, organized for the professional and social advancement of young men expecting to teach in this field, and serving as campus hosts for the Illinois Tenth District Round Table of industrial arts teachers which comes to the campus four times a year.

*Mathematics Club*, formed by students desiring to discuss phases of mathematics not included in regular courses in that subject.

*Music Club*, a joint club for students, faculty and others interested in music. The giving of an oratorio at the Easter season is an outgrowth of the work of this club.

*Science Club*, organized by students majoring in botany, zoölogy, physics, chemistry, or geography, so that an exchange of knowledge in other scientific fields may be mutually made.

*Speakers Club*, open to students interested in speech activities, such as debating, oratory, extempore speaking, discussion, and interpretation.

*Writers Club*, sponsored by the Department of English to encourage attempts at creative writing. Joint meetings are held with the Sigma Tau Delta fraternity, and the club functions as preliminary training for membership in the fraternity.

## HONORARY FRATERNITIES

*Kappa Delta Pi—Beta Psi Chapter of Kappa Delta Pi*, international honor society in Education, was installed January 2, 1931. Students are elected to membership primarily upon the basis of high scholarship, good character, and promise of success in teaching. Election to membership is held twice each year.

*Sigma Tau Delta—Upsilon Gamma Chapter of Sigma Tau Delta*, a national professional English fraternity, was installed February 15, 1932. Only honor students in English in the senior college are eligible and the number initiated is limited by the national constitution. Associate and local members are chosen from among students who show marked ability in written expression.

*Epsilon Pi Tau—Iota Chapter of Epsilon Pi Tau*, a national honorary fraternity in Industrial Arts, was installed May 25, 1933. Membership is limited to students with high scholarship in Industrial Arts and with personal qualifications that promise success in teaching. Active membership in the Industrial Arts Club is a qualification for membership.

*Kappa Mu Epsilon—Illinois Beta Chapter of Kappa Mu Epsilon*, national professional fraternity in Mathematics, was installed April 11, 1935. This fraternity promotes interest and stimulates scholastic achievement in mathematics, and works in close alliance with the Mathematics Club.

*Theta Alpha Phi—Illinois Epsilon Chapter of Theta Alpha Phi*, a national honorary fraternity in Dramatics, was installed June 6, 1938. Membership in this society is awarded on the basis of merit in Dramatics. The purposes of this organization are to increase interest, stimulate creativeness, and foster artistic achievement in all of the allied arts and crafts of the theater. In pursuance of these ends, the fraternity cooperates with the Players' Club.

*Sigma Delta*, a local journalistic club, was formed in 1930 to stimulate the expression of student opinion through the college newspaper. Membership is limited to persons on the staff of *The Teachers College News* who display an active and constructive interest in student problems.

## SOCIAL FRATERNITIES

*Fidelis*, a local fraternity established in 1929, selects its members according to their prominence in worthy school enterprises, and their social, scholastic, and athletic aptitudes. In 1936, immediately after having secured a house, the fraternity established a cooperative dining service. Although fifteen or more members live at the house, thirty men are enrolled for the dining service, not all of whom are members.

Delta chapter of *Phi Sigma Epsilon*, a national social fraternity in teachers colleges, was installed March 4, 1930. The fraternity selects its members according to their scholarship, their social activities, and their general cooperation in promoting college life. There are about forty members. Cooperative dining service is maintained at the fraternity house.

## REGULATIONS FOR STUDENT ACTIVITIES

1. No extra-curricular organization, club, sorority, or fraternity may be organized without recognition by the faculty committee on student activities.

2. All organizations must file a copy of their constitution and by-laws with the faculty committee.

3. Any organization whose activities are suspended by the president of the school must apply to the faculty committee for reinstatement.

4. No organization may have a business or social meeting or a rehearsal on the campus without a faculty adviser present.

5. No student may hold more than one of the following offices in student organizations:

Class president,  
Editor of the Warbler or News,  
Business Manager of the Warbler or News,  
President of a fraternity,  
Treasurer of any student organization.

A student elected to one of these major offices in student organizations may not hold more than one other office in class or other student activity.

All officers must maintain the academic standing required for admission to student teaching.

All organizations must file a list of all officers, as soon as they are elected, with the chairman of the faculty committee.

6. Any student falling below the academic standing required of athletes may be asked to withdraw from any organization.



## CHICAGO ALUMNI CLUB

The Charleston Club of Chicago is an organization of former students and faculty. This club meets once a year. All former students or teachers, living in or near Chicago, will be notified of these meetings if they send their names to the president, Mr. Bruce Corzine, 175 W. Jackson Blvd., Chicago, Illinois.

## THE ALUMNI ASSOCIATION

Alumni Day is held in the spring.

The officers for 1938 to 1939 are: Miss Emily Orcutt, '08, President and Chairman of the Executive Committee; Mr. Bruce Corzine, '13, Vice-President; Miss Christina Dearnbarger, '20, Secretary and Treasurer; Roy Wilson, '36, Executive Secretary.

### Executive Committee

Mr. Roy Wilson, '36 (term expires in 1941).

Mrs. Thomas Manuell (Carrie Jordan), '12 (term expires in 1941).

Mr. Harold Robbins, '31, (term expires in 1942).

Mr. Thomas Chamberlin, '36 (term expires in 1942).

Mr. Ferdinand Homann, '08 (term expires in 1943).

Dr. Ciney Rich, '12 (term expires in 1943).

## ASSOCIATED EASTERN STATE CLUBS

Since 1937, twenty Eastern State Clubs composed of graduates and former students have been formed. With the exception of the Springfield club, which includes central Illinois people, all were organized on a county basis. These units help to provide a better means of fellowship among teachers, keep graduates and former students in touch with each other and with the college program, and are instrumental in furthering a mutual service program for Eastern and her alumni. Dinner meetings are held in the various counties, with students and faculty members from the campus taking part in the program.

On Alumni Day, May 14, 1938, officers of the clubs met on the campus and formed the Associated Eastern State Clubs. An Eastern State Club Council composed of ten persons was chosen to direct the affairs of the clubs. The president of the student Eastern State Club on campus is elected for one year. Roy Wilson, director of alumni activities, was designated as secretary-editor of the clubs and made an ex-officio member of the Council. Other Council members are elected for two-year terms. Members of the Council elected on Alumni Day, 1938, were to serve for one year. On Alumni Day, 1939, Eastern State Club officers were to select four members of the first Council to serve another year and four members to serve two-year terms. Members of the Council elected in May, 1938, are:

Mr. Russell R. Tripp, '31, Springfield, Chairman.

Mr. Gordon A. Cook, '26, Herrick.

Mr. Joe Kirk, '32, Robinson.

Mrs. Loxa Davis Grossman, '13, Decatur.

Mr. R. G. Seitzinger, Danville.

Miss Elsie Sloan, '24, Edwardsville.

Mr. Arthur Forster, '23, Paris.

Miss Ruth Corley, '32, Shelbyville.

Mr. Martin Dennis, '39 (Student Member).

Mr. Roy Wilson, '36, Charleston, (Secretary-Editor and Ex-Officio member of Council).

## THE BUREAU OF TEACHER PLACEMENT

The Bureau of Teacher Placement serves the public school officials of Illinois by assisting them in securing well-qualified teachers. Its purpose is also to assist any student or former student of the college in securing a teaching position.

It is the aim of the Bureau of Teacher Placement to furnish the prospective employer information needed in considering our applicants. This information is in pamphlet form and consists of the applicant's photograph, personal data, scholastic record, student-teaching record, high-school record, experience record, extra-curricular activity record, and home community references.

The bureau maintains a follow-up service by reports from supervising officers through which it keeps in touch with graduates who have been placed in teaching positions.

Registration with the bureau is a prerequisite to graduation from the college.

The services of the bureau are free to students enrolled in the college. Alumni who wish to register with the bureau are charged a \$1.00 registration fee.

## THE CERTIFICATING LAW

I. The completion of the freshman year in any curriculum admits the student to examination for a limited elementary certificate.

II. The completion of the two-year grade curriculum gives a limited elementary certificate.

III. The completion of the first two years in any curriculum (96 quarter hours) gives a limited elementary certificate, provided the student's credits include the following courses: (See also note below.)

|                                      |                  |
|--------------------------------------|------------------|
| English (English 120 and 121 or 126) | 8 quarter hours  |
| Mathematics or Natural Science (2    |                  |
| quarters) .....                      | 8 quarter hours  |
| History or Social Science (2 quar-   |                  |
| ters) .....                          | 8 quarter hours  |
| Education (Educational Psychology—   |                  |
| Education 131 or 132—2½ hours        |                  |
| and Principles of Education—Edu-     |                  |
| cation 223 (343)—2½ hours).....      | 8 quarter hours  |
| Practice Teaching (Teaching 220,     |                  |
| 221) .....                           | 8 quarter hours  |
| Electives .....                      | 56 quarter hours |

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96 quarter hours

IV. Graduation with the degree gives a limited high school or a limited elementary certificate.

If the student has taught successfully for four years he may have also a supervisory certificate.

Note: For certification and graduation requirements relative to scholarships, see pages 53 and 54.

No student will be recommended for a limited elementary certificate until the required work in physical education, Penmanship 120, and Library 120 has been successfully completed. Any student in a four-year curriculum desiring to obtain a limited elementary certificate must show evidence of possessing sufficient fundamentals to pass a departmental examination in arithmetic, grammar, and geography unless courses covering these subjects are taken in the various departments.

**ESSENTIAL FEATURES PERTAINING TO LIMITED CERTIFICATES PROVIDED FOR IN THE CERTIFICATING LAW ENACTED BY THE  
FIFTY-SIXTH GENERAL ASSEMBLY, 1929**

| Analysis of Main Features of Certificates                           | NAME OF LIMITED CERTIFICATE   |                               |                               |   |                               |
|---|-------------------------------|-------------------------------|-------------------------------|---|-------------------------------|
|   | Super-<br>visory              | High<br>School                | Special                       | Kinder-<br>garten<br>Primary                  | Elemen-<br>tary               |
| (1)   | (2)                           | (3)                           | (4)                           | (5)   | (6)                           |
| <b>I. SCOPE OF VALIDITY:</b>  |                               |                               |                               |   |                               |
| (a) Duration of time.....   | 4 yr.                         | 4 yr.                         | 4 yr.                         | 4 yr.   | 4 yr.                         |
| (b) General duties permitted.....                                   | Teaching;<br>super-<br>vision | Teaching;<br>super-<br>vision | Teaching;<br>super-<br>vision | Teaching;<br>supervision<br>kinder-<br>garten | Teaching;<br>super-<br>vision |
| (c) Grades of school system.....                                    | 1-12                          | 7-12                          | 1-12                          | 1-2   | 1-10                          |
| <b>II. REQUIREMENTS FOR ISSUE ON CREDITS:</b>                       |                               |                               |                               |   |                               |
| (a) College semester hours.....                                     | 120                           | 120                           | 60 <sup>1</sup>               | 60 <sup>2</sup>                               | 60                            |
| (b) Semester hours in education.....                                | 15                            | 15                            | 12                            | Indefinite                                    | 10 <sup>3</sup>               |
| (c) Teaching experience.....  | 4 yr.                         | 0                             | 0                             | 0   | 0                             |
| (d) <sup>4</sup> Renewal conditions.....                            | Success;<br>growth            | Success;<br>growth            | Success;<br>growth            | Success;<br>growth                            | Success;<br>growth            |
| <b>III. REQUIREMENTS FOR ISSUE BY EXAMINATION:</b>                  |                               |                               |                               |   |                               |
| (a) College semester hours.....                                     | 60                            | 60                            | 30                            | 30 <sup>2</sup>                               | 30 <sup>5</sup>               |
| (b) Teaching experience.....  | 4 yr.                         | 0                             | 0                             | 0   | 0                             |
| (c) Number of subjects written.....                                 | 5                             | 10                            | 3 or more                     | 3   | 18                            |
| (d) College semester hours for renewal—                             |                               |                               |                               |   |                               |
| 1. First renewal.....   | 90                            | 90                            | 60 <sup>1</sup>               | 60 <sup>2</sup>                               | 60                            |
| 2. Second renewal.....  | 120                           | 120                           | 60 <sup>1</sup>               | 60 <sup>2</sup>                               | 60                            |
| 3. Third renewal, etc.....  | 120                           | 120                           | 60 <sup>1</sup>               | 60 <sup>2</sup>                               | 60                            |
| <b>IV. <sup>6</sup>CONDITIONS OF EXCHANGE FOR LIFE CERTIFICATE:</b> |                               |                               |                               |   |                               |
| (a) Years of successful experience.....                             | Super-<br>vision 4 yr.        | 4 yr.                         | 4 yr.                         | 4 yr.   | 4 yr.                         |
| (b) College semester hours required.....                            | 120                           | 120                           | 120                           | 90  | 90                            |
| (c) College semester hours in education.....                        | 15                            | Indefinite                    | Indefinite                    | Indefinite                                    | Indefinite                    |
| (d) Name of certificate received.....                               | Life<br>super-<br>visory      | Life high<br>school           | Life<br>special               | Life<br>Kinder-<br>garten<br>Primary          | Life<br>elemen-<br>tary       |

<sup>1</sup> 20 hours in each subject named in certificate.

<sup>2</sup> Kindergarten-primary training.

<sup>3</sup> 5 hours in practice teaching.

<sup>4</sup> Evidence of successful teaching and professional growth are prerequisite to the renewal of all certificates.

<sup>5</sup> 5 hours in education.

<sup>6</sup> Life certificates may be obtained by successful examination and preparation of thesis if applicant fails in slight measure to meet hours of training required for exchange of limited certificate.

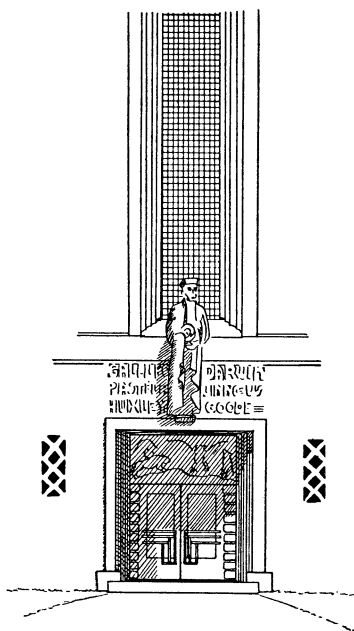


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## PART II: INSTRUCTION

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ORGANIZATION • DIVISION OF THE YEAR •  
REGISTRATION • ADMISSION REQUIREMENTS •  
GRADUATION • SCHOLARSHIP • DEPARTMENT OF  
EXTENSION • CURRICULA • CREDIT • NUMBERING  
OF COURSES • MAJOR AND MINOR SUBJECTS •  
DESCRIPTION OF CURRICULA • TRAINING SCHOOLS •  
DESCRIPTION OF COURSES



Science Building



## ORGANIZATION

The Eastern Illinois State Teachers College comprises the college department proper, the Training Schools on the campus, and the Affiliated Schools.

The Training Schools include the Elementary School of grades one to eight inclusive, and the Teachers College High School of grades nine to twelve inclusive. The Teachers College High School is recognized as standard by the Office of the State Superintendent of Public Instruction, and is on the accredited list of the University of Illinois and of the North Central Association of Colleges and Secondary Schools.

The Affiliated Schools consist of three nearby one-room rural schools, Clearspring, Lafferty, and Oak Grove, and of the three-room Elementary School and the four-year accredited High School in the nearby village of Humboldt.

## DIVISION OF THE YEAR

The regular college year consists of three quarters of twelve weeks each.

An eight weeks' summer term is offered, which in 1939 begins June 12 and ends August 4.

## REGISTRATION

*New Students' Orientation Program:* In the fall quarter a program of orientation for all freshmen and transfer students is given.

All new students (freshmen and transfer students) are requested to meet in the college auditorium at nine o'clock on Monday morning, September 11, 1939. At that time detailed plans for Monday, Tuesday, and Wednesday, September 11, 12 and 13, will be announced. Since students are given specific suggestions for registering when they assemble for the conference at nine o'clock on Monday, it is essential that every new student be present. Any new student who registers later than Monday is required to pay a late registration fee of one dollar.

*Upper Classmen:* All upper classmen, sophomores, juniors, and seniors, are expected to register on Wednesday, September 13, 1939.

Classwork for all students starts at 8 o'clock on Thursday morning, September 14.

## ADMISSION REQUIREMENTS

Graduation from a recognized or accredited four-year high school admits to membership in the freshman class.

Students transferring from other colleges must present high school and college credentials and are given advanced standing *only for work*



*which is the equivalent of that offered in the Eastern Illinois State Teachers College.*

*High school records and records of work in other colleges must be sent to the Registrar directly from the principal of the high school and from the registrar of the college that the student has attended. This should be done at least two weeks before the date of entering. No student will be classified until his record is received.*

*A registration permit is mailed to the student when his application for admission and his record have been checked and filed. Application for admission blanks are sent on request.*

## GRADUATION

The degree of Bachelor of Education (B.Ed.) is conferred upon those who complete a four-year curriculum; a Junior College diploma is granted to those who complete the two-year curriculum for preparation of teachers for the grades. Four-year curricula prepare teachers for high school, for special grade work, and for positions as principals, supervisors, and teachers of special subjects. *A year's resident work is required for a diploma or degree.*

Ninety-six quarter hours are required for a diploma and one hundred and ninety-two quarter hours for a degree. Credit earned in physical education, library use, dramatics, glee club, chorus, orchestra, or band is in excess of the total required for graduation.

Correspondence or extension work is accepted from accredited colleges to the extent of twenty-four quarter hours in the two-year curriculum and forty-eight quarter hours in a four-year curriculum.

For the degree, one-third of the student's credits toward graduation must be in courses not open to freshmen and sophomores. This requirement is in accordance with the standard of the American Association of Teachers Colleges.

The University of Illinois admits to full graduate standing all graduates of the Teachers College who present twenty semester hours of content courses in one major academic subject in addition to education.

Students planning to teach in high schools should see that their records satisfy the requirements of the Illinois Examining Board and the North Central Association.

The records of those who expect to complete a curriculum in a current year are checked at the beginning of each quarter and on April 1. A statement of the courses necessary for the completion of his work is given to each of these students in the fall quarter and is used by him in making his programs for succeeding quarters. The list of candidates for graduation is based on the checking of April 1. *No names will be added to the list of candidates for graduation after April 1.* A student who is not more than twelve quarter hours behind the class at that time may participate in commencement exercises with the class and receive his diploma or degree at the close of the summer term if he completes the work by that time. It is possible to earn twelve quarter hours in the eight weeks' summer term.

## SCHOLARSHIP

Grades are expressed in letters as follows:

|                                       |                |
|---------------------------------------|----------------|
| A, Excellent .....                    | 3 grade points |
| B, Good .....                         | 2 grade points |
| C, Average .....                      | 1 grade point  |
| D, Passing <sup>1</sup> .....         | 0 grade points |
| E, Incomplete work <sup>2</sup> ..... | 0 grade points |
| F, Failure .....                      | —1 grade point |

<sup>1</sup> Passing, but not accepted toward graduation or certification if more than one-fourth of the student's courses receive a grade of D.

<sup>2</sup> A grade of E must be removed within the next quarter that the student is in residence, unless extension permission is secured from the Dean of the College.

I. *Graduation Honors.* Graduation with high honors requires that a student receive a grade of A in three-fourths of his work and B average in the rest.

Graduation with honors requires a grade of A in one-half of the student's work; B or higher in one-fourth of his work; and C average in the rest.

Graduation honors are noted on the diploma and announced at Commencement.

II. *Scholarship Honors.* Scholarship honors on the same basis as graduation honors are announced for each quarter in the month after the beginning of the next regular quarter.

III. *Admission to Practice Teaching.* 1. For registration for practice teaching in any quarter in any curriculum a student must have a C average.

2. Students transferring from other colleges must be in attendance at least one eight weeks' summer term or one quarter during which they earn twelve or sixteen quarter hours of credit with a C grade or higher, respectively, before they are eligible for practice teaching.

3. Students in four-year curricula with an average of 1.5 grade points may be admitted to practice teaching in the sophomore or junior year.

4. No student may be admitted to practice teaching until he has achieved full sophomore standing and has completed at least eight quarter hours in education. Sophomores in the four-year curricula planning to qualify for the limited elementary certificate should elect Education 230, 231, 232 in the freshman year.

IV. *Certification and Graduation Requirements.* C average is required for graduation and certification from the two- and four-year curricula. Not more than one-fourth of the student's grades may be D. This means that a student must have as many grades above C (1) as he has grades of D (0).

V. *Extra Work.* No freshman may register for extra work in his first quarter.

No student may register for extra work in the first quarter in which he is taking practice teaching.

No student whose average is below B in the preceding quarter may register for extra work.

VI. *Probation.* 1. A student whose grade points total less than two (A=3; B=2; C=1; D=0; F=-1) in any quarter is on probation in the next quarter in which he is in attendance and is reported as on probation here if he has his record sent to another college.

2. A student who receives three grades of D in any one quarter is on probation the following quarter.

3. A student who is on probation for two consecutive quarters is excluded from attendance for the period of one calendar year unless tuition is paid and he is given special permission by the Dean of the College to remain. He is reported as "Dropped on account of low scholarship" if his record is transferred to another college.

4. A student who fails in one course and has lower than C average in the three remaining courses of that quarter is not permitted to register for more than three courses in the following quarter.

5. A student who fails in one-half of his work (2 courses) in one quarter is on probation for the following quarter.

VII. *Exclusion.* A student failing in three courses, twelve quarter hours, in any quarter or in one-half of his work, eight quarter hours, in each of two consecutive quarters, is dropped from the college.

The grade W (Withdraw) is recorded against a student who discontinues class membership in a course with the written permission of the Dean of the College by the end of the fifth week. Dropping a course without the written permission of the Dean of the College entails a grade of F (Failure).

## DEPARTMENT OF EXTENSION

The organization of the Extension Department at Eastern Illinois State Teachers College has made it possible for teachers in service to continue their education. With the present emphasis upon greater professional training for teachers, the opportunity to attain degree ranking or renewal of certification by means of extension work has been eagerly accepted by hundreds of students residing in all parts of the area served by the college. Extension work to the extent of not more than 24 quarter hours of credit on a two-year curriculum or 48 quarter hours of credit on a four-year curriculum is acceptable toward graduation. From the foregoing, it is quite obvious that this is a distinct advantage to teachers in service who cannot take residence work.

**Organization.** Classes are organized in county seats or other towns where twenty or more students can agree upon an acceptable course, and for which the college can release an instructor. Most of the courses offered are on the senior college level. This is due to the fact that the majority of students are working toward a degree. However if a sponsoring group desires a course on the junior college level, such a course can be arranged.

**Entrance.** The courses are open to (1) high school graduates who desire additional credit, (2) those who desire only professional stimulation, (3) local citizens who desire to audit the course. Auditors

receive no credit but are not excused from fees. Entrance is not dependent upon former attendance at Eastern Illinois State Teachers College. Prerequisites for the course are adjusted between the instructor and student.

**Credit.** Classes meet two and one-half sixty-minute periods a week for sixteen weeks for which four quarter hours of credit are given upon satisfactory completion of the course. This credit is transferable, provided the work is in harmony with the curriculum pursued by the student. Since all curricula generally provide for electives, extension courses can easily be adjusted upon this basis.

**Fees.** The fees are \$5.00 for each course with an additional charge of \$1.50 for book rental. If the books are not obtainable from the college library, the rental fee is waived and the class must buy their own books.

Address all requests for bulletins and other inquiries concerning this work to Dr. Bryan Heise, Director of Extension, Eastern Illinois State Teachers College, Charleston, Illinois.

## CURRICULA

I. A Two-Year Curriculum, 96 quarter hours, leading to a diploma and planned for preparation of teachers for the grades. The diploma entitles the holder to a limited elementary school certificate without examination. The completion of the first year's work admits the student to an examination for a limited elementary certificate.

II. Four-Year Curricula, 192 quarter hours each, for preparation of the following:

1. Elementary Grade Teachers (Lower Grades).
2. Elementary Grade Teachers (Upper Grades).
3. Rural Elementary School Teachers.
4. High-School Teachers and Teachers of Special Subjects:
  - A. Art.
  - B. Commerce.
  - C. English.
  - D. Foreign Language (Latin).
  - E. Geography.
  - F. Home Economics (Smith-Hughes).
  - G. Industrial Arts.
  - H. Mathematics.
  - I. Music.
  - J. Physical Education for Men.
  - K. Science (Biological: Botany or Zoology or both).
  - L. Science (Physical: Physics or Chemistry or both).
  - M. Social Science.
  - N. Speech.

## CREDIT

The unit of measure is the quarter hour, representing one hour a week of prepared work for twelve weeks when the student load of

prepared work is sixteen hours a week. It is equivalent to two-thirds of a semester hour.

A year's work is equivalent to 48 quarter hours (32 semester hours) of prepared work. A year's work in one subject is equivalent to 12 quarter hours (8 semester hours).

Seniors enrolled in freshman courses are allowed only eight quarter hours credit for twelve quarter hours work.

Credit earned in required physical education, library use, penmanship, dramatics, glee club, choir, chorus, orchestra, or band is in excess of the 96 quarter hours required for a diploma and of the 192 quarter hours required for a degree. The credit is recorded on the student's permanent record card and may play an important part when he is an applicant for a position.

A statement of the amount of credit is included in the description of each course.

## NUMBERING OF COURSES

Courses numbered 101-199 are freshman courses; 201-299, sophomore courses; 300-399, junior courses; 401-499, senior courses.

## MAJOR AND MINOR SUBJECTS

In four-year curricula for high school teachers, a student takes 48 quarter hours of work in a major subject and 24 quarter hours each in one or two minor subjects, in some cases specified by the department of the major subject and in other cases left to the student's choice, but the courses in the minor subjects must constitute two years' work in some one department or related field.

A student may take the Bachelor of Education degree in elementary education, in which case he specializes in the subjects appropriate to this field.

The student's program for graduation—his major and minor subjects and electives—must be approved by the Dean of the College.

## DESCRIPTION OF CURRICULA

### TWO-YEAR DIPLOMA CURRICULUM

(96 Quarter Hours)

#### FRESHMAN YEAR

| <i>Fall</i>     | <i>Winter</i>              | <i>Spring</i>              |
|-----------------|----------------------------|----------------------------|
| Education 130   | Education 130, 131         | Education 131, 132         |
| English 120     | English 120, 121, 122, 126 | English 121, 122, 124, 126 |
| Mathematics 120 | Mathematics 120, 121       | Mathematics 120, 121       |
| Zoology 123     | Botany 120                 | Geography 120              |
| Geography 120   | Geography 120              | Art 124                    |
| Art 124         | Art 124                    | Music 120                  |
| Reading 124     | Music 120                  | Reading 124                |
| Library 120 (1) | Reading 124                | Library 120 (1)            |
| Penmanship 120  | Library 120 (1)            | Penmanship 120             |
| P. E. (2)       | Penmanship 120             | P. E. (2)                  |
|                 | P. E. (2)                  |                            |

SOPHOMORE YEAR

| <i>Fall</i>        | <i>Winter</i>      | <i>Spring</i>           |
|--------------------|--------------------|-------------------------|
| Education 223, 224 | Education 223, 224 | Education 223, 224, 225 |
| Social Science 233 | Social Science 234 | Social Science 235      |
| Geography 121      | Geography 121      | Geography 121           |
| Ind. Arts 225      | Ind. Arts 224      | Ind. Arts 225           |
| Hygiene 120        | Hygiene 120        | Hygiene 120             |
| Teaching 220, 221  | Teaching 220, 221  | Teaching 221, 222       |
| P. E. (2)          | P. E. (2)          | P. E. (2)               |

NOTES: 1. Those preparing for upper grades should take English 124 or 126 and Geography 121.

2. a. Botany 120 or Zoology 123 is required

b. Ind. Arts 224 or 225 is required

c. One elective credit (4 quar. hrs.) is allowed; if a B average is made in the first two terms of teaching, another elective may be substituted for Teaching 222.

3. Those preparing for the lower grades should take English 122 and Education 225.

4. Social Science 233 may be substituted for Social Science 235. Two consecutive terms of social science are required.

5. Numbers identify the course in the description of courses.

Numbers in parentheses after Physical Education and Library 120 indicate the number of periods a week.

## FOUR-YEAR CURRICULA

(192 Quarter Hours)

### 1. For Preparation of Teachers for the Grades

| FRESHMAN YEAR                       | SOPHOMORE YEAR                            |
|-------------------------------------|---|
| English 120, 121, 122 or 124 or 126 | Music 120, 228, Art 130                   |
| Mathematics 120, 121, Hygiene 120   | Industrial Arts 224, Reading 124, Art 124 |
| Social Science 137, 138, 139        | Physical Science (Year)                   |
| Biological Science 126, 127, 128    | Education 130, 131, 132                   |
| Penmanship 120, Library 120 (1)     | Physical Education (2) (Year)             |
| Physical Education (2) (Year)       |   |

| JUNIOR YEAR                             | SENIOR YEAR                                   |
|---|---|
| Education 343, 345, Industrial Arts 225 | Teaching 441, 442, 443                        |
| Social Science 233, 234, 235            | English 234, 348*, Speech 345                 |
| Geography 120, 121, 236                 | Education 447, Mathematics 439, Education 344 |
| Advanced Elective (Year)                | Advanced Elective (Year)                      |

\*Or English 343 or 344 or any other English course numbered in the 400's.

NOTE: Those preparing for the lower grades should take English 122.

### 2. For Preparation of Rural School Teachers

#### Lower Grades:

The same outline of courses for the lower grades as stated above with the following exceptions:

1. Substitute Teaching 220R and 221R for Teaching 220 and 221.
2. Substitute Education 224R for Education 224.
3. In the senior year substitute Teaching 441R for Teaching 441.
4. Education 449R may be elected in the senior year.
5. Students in this curriculum will do their practice teaching in the lower grades of an affiliated village school.

#### Upper Grades:

The same outline of courses as for the upper grades as stated above with changes as suggested above for the lower grades, except that students in this curriculum will do their practice teaching in the upper grades of an affiliated school.

In the two-year rural school curriculum the practice teaching requirement is met by one-half day of teaching for one quarter (8 quarter hours of credit) if a B average is made in practice teaching; otherwise an additional four quarter hours of credit in practice teaching is required.

#### High School:

Follow the regular Four-Year Curriculum for High School Teachers with the following suggested changes:

1. In the junior or senior year elect Education 449R.
2. In the senior year substitute Teaching 441R, 442R, and 443R for Teaching 441, 442, and 443. Students who take this course will do their practice teaching in an affiliated village high school.

### 3. For Preparation of High School Teachers

#### A. ART

##### FRESHMAN YEAR

English 120, 121, 125  
Social Science 137, 138, Art 138  
Art 130, 131, 132  
Laboratory Science (Year)  
Physical Education (2) (Year)  
Library 120 (1)

##### JUNIOR YEAR

Education 343, 345, 344  
Art 353, Speech 345, Art 346  
Art 345, 350, 340  
Minor Subject (Year)

##### SOPHOMORE YEAR

Education 230, 231, 232  
Art 236, 237, 226  
Minor Subject (Year)  
Art 233, 234 or 239, Hygiene 120  
Physical Education (2) (Year)

##### SENIOR YEAR

Teaching 441, 442, 443  
Art 447, 448, 444  
Elective, Art 449, Elective  
Elective (Year)

#### Requirements for a Minor in Art:

Art 130, 131, 132; Art 237 or 138, Art 234 or 239, Art 340 or 345.

#### B. COMMERCE

##### (1) SECRETARIAL STUDIES

##### FRESHMAN YEAR

English 120, 121, English 128  
Typewriting 120, 121, 122  
Shorthand 123, 124, 125  
Hygiene 120, Geography 120, Mathematics 124  
Physical Education (2) (Year)  
Library 120 (1)

##### JUNIOR YEAR

Education 343, 344, 345  
Speech 345  
Social Science 233, 234, 235  
Typewriting and Office Prac. 340  
Shorthand 340  
Minor Subject (Year)

##### SOPHOMORE YEAR

Education 230, 231, 232  
Typewriting 230, 231, Office Prac. 232  
Laboratory Science (Year)  
Shorthand 233, 234, Secretarial Prac. 235  
Physical Education (2) (Year)  
Penmanship 120

##### SENIOR YEAR

Teaching 441, 442, 443  
Social Science 354, 355, 356  
Geography 447, Business Law 446, 447  
Advanced Minor Subject (Year)

##### (2) ACCOUNTING

##### FRESHMAN YEAR

English 120, 121, English 128  
Typewriting 120, 121, 122  
Laboratory Science (Year)  
Hygiene 120, Geography 120, Mathematics 124  
Physical Education (2) (Year)  
Library 120 (1)

##### SOPHOMORE YEAR

Education 230, 231, 232  
Typewriting 230, 231, Office Prac. 232  
Social Science 233, 234, 235  
Accounting 230, 231, 232  
Physical Education (2) (Year)  
Penmanship 120

**JUNIOR YEAR**  
 Education 343, 344, 345  
 Speech 345  
 Accounting 344, Salesmanship and  
 Advertising 448  
 Bookkeeping and Bus. Arith. 340,  
 Typewriting and Office Practice 340  
 Introd. to Business 340  
 Minor Subject (Year)

**SENIOR YEAR**  
 Teaching 441, 442, 443  
 Social Science 354, 355, 356  
 Geography 447, Business Law 446,  
 447  
 Minor Subject (Year)

### (3) ACCOUNTING AND SECRETARIAL STUDIES

**FRESHMAN YEAR**  
 English 120, 121, English 128  
 Typewriting 120, 121, 122<sup>1</sup> or Type-  
 writing 230, 231, Office Prac. 232  
 Shorthand 123, 124, 125<sup>1</sup> or Short-  
 hand 233, 234, Secretarial Practice  
 235  
 Hygiene 120, Geography 120, Mathe-  
 matics 124  
 Physical Education (2) (Year)  
 Library 120 (1)

**SOPHOMORE YEAR**  
 Education 230, 231, 232  
 Laboratory Science (Year)  
 Accounting 230<sup>1</sup>, 231, 232  
 Social Science 233, 234, 235  
 Physical Education (2) (Year)  
 Penmanship 120

**JUNIOR YEAR**  
 Education 343, 344, 345  
 Speech 345  
 Accounting 344  
 Typewriting and Office Practice 340  
 Bookkeeping and Business Arithme-  
 tic 340  
 Shorthand 340  
 Introduction to Business 340  
 Minor Subject (Year)

**SENIOR YEAR**  
 Teaching 441, 442, 443  
 Social Science 354, 355, 356  
 Business Law 446, 447, Geography  
 447  
 Minor Subject (Year)

<sup>1</sup> Exempt by passing placement test.

#### Requirements for a Minor in Commerce:

It is suggested that the minor be taken in shorthand and typewriting, accounting and business law, or accounting and typewriting.

No credit is given for less than a year's work in each of the following courses for a minor in commerce: accounting, typewriting, and shorthand.

#### Placement Test:

Students who have had one or two years of training in high school or its equivalent should take a placement test in typewriting, shorthand, and bookkeeping.

Students who typewrite for ten minutes at the minimum rate of 40 net words per minute with five errors or less will be allowed to take advanced typewriting.

Students who can write shorthand at the minimum rate of 60 words per minute for five minutes with 98 per cent accuracy will be allowed to take advanced shorthand.

Students who pass the bookkeeping test on single proprietorship will be permitted to take the second quarter of accounting. This test includes a theory test and the demonstration of the student's ability to complete the work at the end of a fiscal period from a trial balance and the adjusting data.

Students majoring in secretarial studies who pass a placement test and are thereby exempt from the first year of typewriting or shorthand will be required to complete one year of accounting.

Students majoring in accounting who pass a placement test and are thereby exempt from the first year of typewriting will be required to complete one year of shorthand.



**C. ENGLISH**

As examination in English, covering the elements of good form and of organization, is required of all juniors, and will be given during the fall quarter, 1939. Students who do not pass this examination must take remedial work in English (English A) before they will be admitted to any teaching course.

Students wishing to accumulate additional minors or a second teaching major may omit certain of the English courses listed below by arrangement with the head of the department. Care must always be taken to include enough Senior College courses and to plan a balanced program of English study.

**FRESHMAN YEAR**  
 English 121, 126, Hygiene 120  
 Laboratory Science (Year)  
 Elective (Year)  
 Minor Subject (Year)  
 Physical Education (2) (Year)  
 Library 120 (1)

**SOPHOMORE YEAR**  
 English 235, 231, 237 (or Elective)  
 Education 230, 231, 232  
 Elective (Year)  
 English 230, 236, 234  
 Physical Education (2) (Year)

**JUNIOR YEAR**  
 Education 343, 344, 345  
 Art 351, Elective, English 340  
 English 343, 344, Speech 345  
 English 346, 347, 348

**SENIOR YEAR**  
 Teaching 441, 442, 443  
 Minor Subjects (Year)  
 Social Science 343, 344, 345  
 English 449, 450, 451

**NOTES:** 1. Any student entering the Teachers College with a deficiency in the basic skills in English—reading, writing, spelling, elements of grammar and good usage—may be required to take work in remedial English in addition to the required freshman composition courses.

2. Any student teacher found deficient in English may be remanded to English 120 or to remedial work in speech, or grammar or oral and written usage, as the case may require.

3. English majors are expected to be able to omit English 120. Those unable to carry English 121 will be remanded to English 120.

4. Eighteen English courses are required for graduation in the English curriculum. English majors who omit English 120 will take English 235 in the sophomore year.

5. English majors who are able to pass English 126 by examinations will take either English 231 or English 237 in the sophomore year.

6. Students with from two to four years of high-school Latin may arrange for a Latin minor or for a joint major in English and Latin, by consulting the heads of these departments

**Recommended for a Minor in English:**

English 230, 231, 234, 235, 236 (or 343), 237 (or 239) may be used as the minor subject. English 346, 347, 348 may be used by juniors or seniors for credit toward English for minor subject.

**D. FOREIGN LANGUAGE (Latin)**

**FRESHMAN YEAR**  
 Latin 120, 121, 122\*  
 English 120, 121, 125  
 Laboratory Science (Year) or Elective  
 Social Science 137, 138, Hygiene 120  
 Physical Education (2) (Year)  
 Library 120 (1)

**SOPHOMORE YEAR**  
 Latin 230, 231, 232  
 Education 230, 231, 232  
 Modern Foreign Language (Year)  
 Elective (Year) or Laboratory Science  
 Physical Education (2) (Year)

**JUNIOR YEAR**  
 Latin 343, 344, 345  
 Speech 345, Elective, Latin 340  
 Education 343, 344, 345  
 Modern Foreign Language (Year)

**SENIOR YEAR**  
 Teaching 441, 442, 443  
 Latin 446, 447, 448  
 Advanced Elective (Year)  
 Elective (Year)

**Requirements for a Minor in Latin:**

Latin 123, 124, 125, Latin 230, 231, 232.

\* If student has had four years of high-school Latin, he should take Latin 230, 231, 232 and one year of advanced college Latin.

## E. GEOGRAPHY

### FRESHMAN YEAR

English 120, 121, 125  
Laboratory Science (Year)  
Elective (Year)  
Geography 120, 121, 130  
Physical Education (2) (Year)  
Library 120 (1)

### JUNIOR YEAR

Education 343, 344, 345  
Speech 345, Elective, Geography 340  
Minor Subject (Year)  
Geography 343 (32), 345, 344 (or 447 or 448)

### SOPHOMORE YEAR

Education 230, 231, 232  
Social Science (2 quarters), Hygiene 120  
Minor Subject (Year)  
Geography 233 (43), 231, 236  
Physical Education (2) (Year)

### SENIOR YEAR

Teaching 441, 442, 443  
Elective (Year)  
Advanced Elective (Year)  
Social Science 354, 355, Elective

Requirements for a Minor in Geography:

For the elementary grades or department teachers, Geography 120, 121, 130, 233, 236, and 340; for high school teachers, Geography 120, 121, 130, 233, 236, and 447.

## F. HOME ECONOMICS

### FRESHMAN YEAR

Art 130, 131, 144  
Home Economics 101, 102, Botany 120  
Chemistry 130, 131, 132  
English 120, 121, 125  
Physical Education (2) (Year)  
Library 120 (1)

### JUNIOR YEAR

Education 345, Home Econ. 345, Physics 322  
Home Econ. 301, 343, 340  
Home Econ. 304, 344, 346  
Elective (Year)

### SOPHOMORE YEAR

Botany 235, Home Econ. 247, Hygiene 120  
Chemistry 210, 211, 212  
Education 230, 231, 232  
Home Economics 201, 202, 232  
Physical Education (2) (Year)

### SENIOR YEAR

Social Science 330, Education 458, Speech 345  
Education 343, Social Science 453, Home Econ. 446  
Teaching 441, 442, 443  
Elective (Year)

Requirements for a Minor in General Home Economics:

Home Economics 101, 102, 201, 202, 232, and 247.

## G. INDUSTRIAL ARTS

### FRESHMAN YEAR

English 120, 121, 125  
Industrial Arts 134, 135 (228), 136 (135), 150 (57)  
Laboratory Science or Elective (Year)  
Hygiene 120, Music 229  
Physical Education (2) (Year)  
Library 120 (1)

### JUNIOR YEAR

Industrial Arts 336 (236, 237), 340, 363 (463)  
Industrial Arts 345 (2 hrs.), 350, 355, 365 (236, 237), (2 hrs.)  
Education 343, 344  
Speech 345  
Economics 330, Social Science 233, 234

### SOPHOMORE YEAR

Education 230, 231, 232  
Elective or Laboratory Science (Year)  
Industrial Arts, 226, 231 (131), 232 (452)  
Industrial Arts 259 (359), 260 (460), Elective (4 hrs.)  
Physical Education (2) (Year)

### SENIOR YEAR

Elective (Year)  
Industrial Arts 448 (348), 449 (354), 444 (2 hrs.)  
Education 345 or 458  
Teaching 441, 442, 443  
Elective (10 hrs.)

1. An academic minor is required.
2. For good cause exemptions or substitutions will be allowed in Printing or Machine Shop.
3. One of the three quarters in student teaching is required in the minor subject.

NOTE: Sufficient electives are allowed to make possible a second minor.

Requirements for Minor in Industrial Arts:

Industrial Arts 134, 135, 136, 150, 231, and 340.

## H. MATHEMATICS

## FRESHMAN YEAR

English 120, 121, 125  
 Elective (Year)  
 Mathematics 120, 132, 133  
 Mathematics 130, 131, 134  
 Physical Education (2) (Year)  
 Library 120 (1)

## SOPHOMORE YEAR

Education 230, 231, 232  
 Social Science (2 quarters), Hygiene  
 120  
 Laboratory Science (Year)  
 Mathematics 235, 236, Geometry 228  
 Physical Education (2) Year

## JUNIOR YEAR

Education 343, 344, 345  
 Speech 345, Elective, Mathematics 340  
 Minor Subject (Year)  
 Mathematics 343 (36), 344 (35), 345

## SENIOR YEAR

Teaching 441, 442, 443  
 Elective (Year)  
 Minor Subject (Year)  
 Elective (Year)

## Requirements for a Minor in Mathematics:

Mathematics 130, 131, 134; Geometry 228, Mathematics 235, 236  
 and 132 if Solid Geometry was not taken in high school.

## I. MUSIC

## FRESHMAN YEAR

Music 123, 124, 125 (20, 21, 22)  
 (6 q. h.)  
 Applied Music (6 q. h.)  
 English 120, 121, Hygiene 120  
 General Language 130, 131, 132  
 Physical Science or Biological Science  
 (Year)  
 Library 120 (1)  
 Physical Education (2) (Year)

## SOPHOMORE YEAR

Music 230, 231, 232  
 Music 236, 237, 238 (6 q. h.)  
 Applied Music (6 q. h.)  
 Education 230, 231, 232  
 Social Science (8 q. h.), Elective  
 (1 quar.) or  
 Minor Subject (Year)  
 Physical Education (2) (Year)

## JUNIOR YEAR

Music 351 (26), 352 (27), 353  
 Music 336, 337, 338 (43) (6 q. h.)  
 Applied Music (6 q. h.)  
 Music 228, 340, 347 (46)  
 Education 343, Speech 345, Education  
 345

## SENIOR YEAR

Music 449 (44), 450 (45), 451  
 (6 q. h.)  
 Applied Music (6 q. h.)  
 Teaching 441, 442, 443  
 Minor Subject (Year)  
 or  
 Social Science (8 q. h.), Elective  
 (1 quar.)  
 Elective (Year)

NOTES: 1. Electives must include one quarter's work in literature.  
 2. Two quarters of history or social science are required in the sophomore year or the senior year.

3. Applied music (24 q. h.) including one year of Piano and one year of Voice is required of all music majors.

Minimum proficiency requirements to be satisfied through examination given by the music faculty committee include:

(a) Major applied field: Creditable public appearance in the student's major performance field.

(b) Piano: Ability to play music of hymn-tune difficulty at sight, with good tone and correct rhythm.

(c) Voice: Ability to sing pleasingly and without faulty vocal habits, and ability to read at sight any part of a four-part song or hymn-tune or simple folk-song difficulty.

4. A student may be excused from any Instrumental Technique course if he demonstrates to the music faculty committee the ability to play, with good tone and reasonable facility, the instruments involved.

5. Participation in the college music organization each year of residence is required.

## Requirement for a Minor in Music:

*Elementary School Music:* Music 123, 124, 125, 230, 231, 228, 338, Piano (3 quarters) and Voice (3 quarters), a total of 26 quar. hrs. Ability to teach music satisfactorily in the grades, as demonstrated through supervised teaching in the Elementary Training Schools. Participation in at least one of the following college music organizations each year of residence: Choir, Chorus, Glee Club, Orchestra, Band.

*High School Vocal Music:* Music 123, 124, 125, 230, 231, 340, 338, Piano (3 quarters) and Voice (6 quarters), a total of 29 quar. hrs.

Ability to develop choral organizations effectively, as demonstrated through supervised teaching in the Training High Schools. Participation in college choral organizations each year of residence.

**Instrumental Music:** Music 123, 124, 125, 230, 231; Music 236, 237, 238, 336, 337 (three to five quarters); Music 449 (44), 450 (45), 347, 353, a total of 32 to 36 quar. hrs. Ability to teach beginning pupils on band and orchestral instruments, and ability to develop instrumental organizations effectively, both as demonstrated through supervised teaching in the Training Schools. Participation in the College Band and College Orchestra each year of residence.

## J. PHYSICAL EDUCATION

### FRESHMAN YEAR

English 120, 121, 125  
Hygiene 120, Phys. Educ. 120, 121  
Minor Subject (Year)  
Biological Science (Year)  
Physical Education (2) (Year)  
Library 120 (1)

### JUNIOR YEAR

Physiology 345, Phys. Educ. 350 (39)  
or 1 Elective, 340  
Phys. Educ. 347 (36), 348 (38), 349  
(37) or 1 Elective  
Phys. Educ. 344 (31), Speech 345 or  
Elective, Elective  
Education 343, 344, 345

### SOPHOMORE YEAR

Anatomy 225, Phys. Educ. 226 (34,  
II), 227 (34, III)  
Education 230, 231, 232  
Social Science 233, 234, 235  
Minor Subject (Year)  
Physical Education (2) (Year)

### SENIOR YEAR

Teaching 441, 442, 443  
Phys. Educ. 451, 452 (44), 453 or 1  
Elective  
Second Minor Subject (Year)  
Second Minor Subject (Year)

## K. SCIENCE (Biological)

**NOTE:** The botany and zoology curricula are so arranged that the student may not only have four years of work in botany or zoology (including one year of methods and practice teaching), but that he may also have three minor subjects of six quarters each which qualify him to teach six different subjects in accredited high schools. The student is also equipped to do graduate work.

### (1) Botany

#### FRESHMAN YEAR

English 120, 121, 125  
Elective (Year)  
Chemistry 130, 131, 132  
Botany 120, 121, 122  
Physical Education (2) (Year)  
Library 120 (1)

#### JUNIOR YEAR

Speech 345, Education 345, Geography 236  
Education 343, 344, Botany 340  
Botany 344, 343, 446  
Zoology 230, 231, 232 (or Zoology  
343, 344, 345)

**NOTE:** Botany 345 may be substituted for Botany 446 with permission of the instructor.

#### SOPHOMORE YEAR

Education 230, 231, 232  
Social Science (2 quarters), Hygiene  
120  
Zoology 120, 121, 122  
Botany 230, 231, 232  
Physical Education (2) (Year)

#### SENIOR YEAR

Teaching 441, 442, 443  
Elective (Year) (Advanced)  
Elective (Year)  
Zoology 343, 344, 345 (or elective)

### (2) Zoology

#### FRESHMAN YEAR

English 120, 121, 125  
Elective (Year)  
Chemistry 130, 131, 132  
Zoology 120, 121, 122  
Physical Education (2) (Year)  
Library 120 (1)

#### JUNIOR YEAR

Speech 345, Education 345, Zoology  
340  
Education 343, 344, Geography 236  
Botany 230, 231, 232  
Zoology 343, 344, 345

#### SOPHOMORE YEAR

Education 230, 231, 232  
Social Science (2 quarters), Hygiene  
120  
Botany 120, 121, 122  
Zoology 230, 231, 232  
Physical Education (2) (Year)

#### SENIOR YEAR

Teaching 441, 442, 443  
Elective (Year) (Advanced)  
Botany 343, 344, 345 (or Elec. Adv.)  
Elective (Year)

**Requirements for a Minor in Botany or Zoology:**

One year of the beginning course and three other courses to be determined by the head of the department.

**L. SCIENCE (Physical)****(1) Chemistry****FRESHMAN YEAR**

Chemistry 130, 131, 132  
 English 120, 121, 125  
 Mathematics 130, 131, 134  
 Physics 130, 131, 132  
 Physical Education (2) (Year)  
 Library 120 (1)

**SOPHOMORE YEAR**

Chemistry 233, 234, 235  
 Education 230, 231, 232  
 Hygiene 120, Social Science (2  
 quarters)  
 Elective (Year) (Preferably Mathe-  
 matics 235, 236, Geometry 228)  
 Physical Education (2) (Year)

**JUNIOR YEAR**

Chemistry 343, 344, 345  
 Speech 345, Elective, Chemistry 340  
 Elective (Year)  
 Education 345, 344, 343

**SENIOR YEAR**

Teaching 441, 442, 443  
 Chemistry 450 (any quarter)  
 Elective (2 quarters)  
 Elective (Year)  
 Adv. Elective (Year)

**Requirements for a Minor in Chemistry:**

Chemistry 130, 131, 132 and 233, 234, 235 (or Chemistry 343, 344, 345 for Biological Science Majors).

NOTE: It is recommended that chemistry majors complete a minor in physics and also in mathematics by adding Mathematics 235, 236 and 228.

Possible Minors: Mathematics, Physics, Biological Science (1 year Botany and 1 year Zoology), Language (German or French).

**(2) Physics****FRESHMAN YEAR**

English 120, 121, 125  
 Physics 130, 131, 132  
 Mathematics 130, 131, 134  
 Elective (Year) (Preferably Chemis-  
 try 130, 131, 132)  
 Physical Education (2) (Year)  
 Library 120 (1)

**SOPHOMORE YEAR**

Education 230, 231, 232  
 Physics 236, 235, 237  
 Mathematics 235, 236, Geometry 228  
 Social Science (2 quarters), Hygiene  
 120  
 Physical Education (2) (Year)

**JUNIOR YEAR**

Physics 348, 349, 350 or 451, 452, 453  
 Education 343, 345, Physics 340  
 Adv. Elective (Year)  
 Elective (Year)

**SENIOR YEAR**

Education 344, Speech 345, Elective  
 (1 quarter)  
 Teaching 441, 442, 443  
 Adv. Elective (Year) (Preferably  
 Physics 451, 452, 453 or 348, 349,  
 350)  
 Elective (Year)

**Requirements for a Minor in Physics:**

Physics 130, 131, 132, and three additional physics courses are required. Physics 235, 236 are desirable for teaching minors.

Possible Minors: Mathematics (24 quarter hrs.), Chemistry (24 quarter hrs.), Biological Science (1 year Botany and 1 year Zoology), Language (24 quarter hrs., preferably German).

**M. SOCIAL SCIENCE****FRESHMAN YEAR**

English 120, 121, 125  
 Laboratory Science (Year)  
 Social Science 137, 138, 139  
 Elective, Elective, Hygiene 120  
 Physical Education (2) (Year)  
 Library 120 (1)

**SOPHOMORE YEAR**

Education 230, 231, 232  
 Social Science 233, 234, 235  
 Elective (Year)  
 Elective (Year)  
 Physical Education (2) (Year)

**JUNIOR YEAR**

Education 345, 343, History 340  
 Social Science 346, 347, 348  
 Social Science 354 (344), 355 (345),  
 365 (345)  
 Elective (Year)

**SENIOR YEAR**

Speech 345, Educ. 344, Elective  
 Teaching 441, 442, 443  
 Elective (Year)  
 Social Science 363 (343) or 364  
 (344), 454 (444), 455 (445)

Requirements for a Minor in Social Science:

Social Science 233, 234, 235 and Social Science 346, 347, 348 or  
 one year of Government or Economics.

## N. SPEECH

**FRESHMAN YEAR**

Speech 130, 131, 132  
 English 120, 121, 125  
 Minor Subject (Year)  
 Elective (2 quarters), Hygiene 120  
 Library 120 (1)  
 Physical Education (2) (Year)

**SOPHOMORE YEAR**

Speech 233, 234, 235  
 Education 230, 231, 232  
 Laboratory Science (Year)  
 Minor Subject (Year)  
 Physical Education (2) (Year)

**JUNIOR YEAR**

Speech 345, 331 (31), 346 (45)  
 Education 343, 344, 345  
 Social Science (Year)  
 Minor Subject (Year)

**SENIOR YEAR**

Teaching 441, 442, 443  
 Speech 444, 445, 435  
 Minor Subject (Year)  
 Elective (Year)

Requirements for a Minor in Speech:

Speech 130, 132, 233, 331 (31), 345, 444.

## TRAINING SCHOOLS

### Campus Training School.

*Purpose.*—The purpose of the Teachers College in maintaining a campus Training School is twofold: to provide a laboratory school in which students and members of the faculty may test the methods of instruction and the educational theories taught in the college; and to furnish a school wherein students may develop craftsmanship in teaching by observing expert teaching and by actual teaching under supervision.

*Organization and Admission.*—The Campus Training School consists of the Elementary School of eight grades, and the High School of four grades. The number of students who can be admitted is limited. Pupils desiring admission are registered, and admitted in order of registration when vacancies occur.

Pupils once admitted to the school for the regular school year retain their places until completing the course, unless they are unreasonably irregular in attendance or fail to appear on the opening day of the school year without notice to the training school office of their intention to appear later.

*Elementary Department.*—In the first eight grades the immediate direction of the work of each grade and the responsibility for its progress is with the training teacher of the grade. The training teachers, with the director of teacher training, plan the work of their grades, discuss with the student teachers their plans for teaching and do enough of the teaching to keep the progress of the pupils at a high standard. Training teachers for art, music, penmanship, and physical education have charge of these subjects in all grades. The teachers in

other departments of the Teachers College have in all cases an advisory relation to the training school.

The fees amount to \$1.25 for each 12 weeks' quarter.

*High School Department.*—The Teachers College High School is recognized by the State Department of Education and is accredited by the University of Illinois and by the North Central Association of Colleges and Secondary Schools. Those who have completed the eight grades may enter the ninth grade which is the first year of a four-year high school. Full credit is allowed students entering from other accredited high schools. Sixteen units are required for graduation.

The fees for each 12 weeks' quarter amount to \$5. Holders of valid Lindly scholarships pay only \$4.

#### **Affiliated Rural Training Schools.**

*Purpose.*—In order that supervised student teaching may be carried on under circumstances more typical of rural school conditions the Teachers College has affiliated with three one-room rural school districts and one village school, consisting of an eight-grade elementary department and a four-year high school.

*Administrative and Supervisory Relationships.*—Supervised student teaching in the affiliated schools is under the direct supervision of the Director of Off-Campus Student Teaching. Teachers selected for the affiliated schools must be approved by both the district and the college. A part of each rural school training teacher's salary is paid by the college.

#### **Observation, Participation, and Supervised Student Teaching.**

*Observation.*—The facilities of all training schools are available at all times to all college classes for directed observation. Persons wishing to do undirected observation must consult the director of teacher training. Freshmen in the two-year curriculum are required to do directed observation in connection with several of their courses. The work is designed to prepare them to meet the problems of teaching which they must meet in their course in supervised student teaching, and to enable them to see the application of their courses in educational psychology, reading, arithmetic, handwriting, and science. In the main the observation of a lesson is preceded by a discussion of the aims, materials and methods to be employed in the lesson and is followed by a discussion in which the teacher of the lesson as well as the director of the observation participates.

*Participation.*—The gradual introduction of the student to the problem of teaching logically takes the form of the sequence: observation—participation—teaching. In practice gradual participation in teaching as an independent course is considered a wasteful procedure. It is usually combined with either an observation course or a teaching course. At Eastern Illinois State Teachers College gradual participation is a part of, and a guiding principle in, the student teaching courses.

*Supervised Student Teaching.*—All students graduating from the two-year curriculum are required to take 100 clock hours of supervised student teaching. If the student does not receive an average grade of B in this teaching an additional 50 clock hours of teaching is required. All students graduating from four-year curricula are required to take 150 clock hours of supervised student teaching.

Student teachers are assigned to training teachers by the Director of Teacher Training. For special regulations governing admission to practice teaching see III under "Scholarship."



## DESCRIPTION OF COURSES

### ART

Note: All art courses meet four one hundred-minute periods a week, except Art 236, 138, 237, 340, 351, and 353, which meet four fifty-minute periods a week. Art 441, 442, and 443 meet five periods a week.

#### 124. Teaching Art in the Grades.

An introductory course for students preparing to teach in the elementary grades. Exercises in color, design, representation, lettering, and appreciation, which are suitable to each grade, are developed by lecture and laboratory work.

*Required in the two-and four-year curricula for elementary school teachers. (4 hours.) Every quarter.*

#### 127. Lettering.

A laboratory course based on a study of established styles and modern lettering, with various applications.

*Elective. By permission of instructor. (4 hours.) Winter and summer quarters.*

#### 130. Drawing and Design.

Introduction to color, design, and drawing.

*Required in the four-year elementary, art and home economics curricula. Elective in others (4 hours.) Fall and summer quarters.*

#### 131. Design.

Lectures and laboratory work in the principles and application of design, including color, lettering, posters, block printing, and textile decoration.

*Required in the art and home economics curricula. Prerequisite: Art 130. (4 hours.) Winter quarter.*

#### 132. Representation.

Application of the principles of freehand perspective to drawing from geometric solids, casts, and still life groups, both in outline and in light and shade, with some exercises in outdoor sketching.

*Required in the art curriculum. Elective in others. (4 hours.) Spring quarter.*

#### 138. History of Architecture.

Lectures and research in the study of man's efforts to build beautifully in all ages.

*Required in the art curriculum. Elective in others. (4 hours.) Spring and summer quarters.*

**144. Home Planning and Decoration.**

A more elementary course than Art 444. This course emphasizes the dwelling, its furnishings, surroundings, and landscaping.

*Required in the home economics curriculum. Prerequisite: Art 131. (4 hours.) Spring and summer quarters.*

**226. Figure Drawing.**

Drawing from costume model for pose, action, composition, and illustration. Study of artistic anatomy.

*Required in the art curriculum. Elective in others. Prerequisite: Art 132. (4 hours.) Spring quarter.*

**233. Blackboard and Instrumental Drawing.**

A course designed to enable the teacher of any subject to use the blackboard confidently and effectively as an aid to teaching; and to use with neatness and accuracy instruments frequently needed in geometrical construction for diagrammatic perspective and for drawing to scale.

*Required in the art curriculum. Elective in others. (4 hours.) Winter and summer quarters.*

**234. Applied Design.**

Application of design principles to making articles in woven fabric, metal, leather, and other materials of school art industries.

*Art 234 or Art 239 required in the art curriculum. Elective in others. Prerequisite: Art 131. (4 hours.) Fall and summer quarters.*

**235. Costume Design.**

History of costume; color; suitability.

*Elective. Recommended in the art and home economics curricula. (4 hours.) Winter quarter.*

**236. History of Sculpture.**

Lectures and research in the development of sculpture, ornament, and other minor arts.

*Required in the art curriculum. Elective in others. (4 hours.) Omitted 1939-40.*

**237. History of Painting.**

Lectures and research in the development of painting to gain familiarity with acknowledged masters.

*Required in the art curriculum. Elective in others. (4 hours.) Winter quarter.*

**239. Pottery.**

The application of design principles to the making of articles in clay, and the processes involved.

*Art 239 or Art 234 required in the art curriculum. Elective in others. (4 hours.) Omitted 1939-40.*

**259. Advanced Art Industries.**

Opportunities for those who have had weaving, pottery, or other art industries to do further work in them on a higher level.

*Elective. Prerequisite 234 or 239. (4 hours.) Winter or spring quarter. Omitted 1939-40.*

**340. Teaching Art in High School.**

This course presents lectures, laboratory exercises, investigation, and observation of senior or junior high-school art teaching.

*Required in the art curriculum. (4 hours.) Spring quarter.*

**345. Art Supervision in the Grades.**

The application of art principles and processes already learned to the developing of art projects suitable to each of the elementary grades.

*Required in the art curriculum. (4 hours.) Fall quarter.*

**346. Advanced Figure Drawing.**

Advanced work with costume model.

*Required in the art curriculum. (4 hours.) Spring quarter.*

**350. Painting.**

Water color, tempora, oils and other media are used.

*Required in the art curriculum. Prerequisite: Art 132. (4 hours.) Winter quarter.*

**351. Art Backgrounds.**

A cultural course for everyone, revealing art as a language common to all people. Projects for its use in teaching other subjects to suit individual needs.

*This course is designed for juniors and seniors in the English curriculum but is recommended to others. (4 hours.) Spring and summer quarters.*

**352. Landscape Painting.**

Opportunity is given for oil painting during the afternoon of each day under the direction of Paul Turner Sargent, an artist of distinction. Credit for four quarter hours may be earned, or course taken without credit. Cost of equipment about \$7.50. Others than students may register for course without fee if room permits.

*Elective. No prerequisite. (4 hours.) Summer term.*

**353. Psychology of Art Education.**

The philosophy, psychology, aims, and present status of art education.

*Required in the art curriculum. Elective in others. (4 hours.) Fall quarter.*

**441. Practice Teaching of Art in the Elementary Grades.**

*Required in the art curriculum. (4 hours.) Fall quarter.*

**442. Practice Teaching of Art in High School.**

*Required in the art curriculum. (4 hours.) Winter quarter.*

**443. Practice Teaching of Art in High School.**

*Required in the art curriculum. (4 hours.) Spring quarter.*

**444. Home Planning and Decoration.**

The dwelling, its furnishings, surroundings, and landscaping.

*Required in the art curriculum. Elective in others. (4 hours.)  
Omitted 1939-40.*

**447. Composition.**

This course covers the pictorial and decorative planning of a composition.

*Required in the art curriculum. (4 hours.) Omitted 1939-40.*

**448. Advanced Composition.**

Further work in creative composition.

*Required in the art curriculum. (4 hours.) Omitted 1939-40.*

**449. Commercial Design.**

Advanced lettering, posters, cartoons, and the art planning of school annuals.

*Required in the art curriculum. (4 hours.) Omitted 1939-40.*

**454. Art in Journalism.**

Layout, illustration, choice of type, printing and engraving processes.

*Elective. (4 hours.) Omitted 1939-40.*

**455. Print Making.**

Etching, block printing, lithography, dry point.

*Elective. (4 hours.) Omitted 1939-40.*

**456. Stage Design.**

Design and construction of scenery, costumes, makeup, lighting, puppetry, and masques.

*Elective. (4 hours.) Omitted 1939-40.*

**457. Motion Picture Appreciation.**

Story, scenario, acting, sound, photography, and influence.

*Elective. (4 hours.) Omitted 1939-40.*

**458. Art Seminar.**

A round-table discussion of art curricula, bibliography, and sources of materials. Emphasis on reports of individual projects in art education.

*Elective. (4 hours.) Omitted 1939-40.*

## COMMERCE

### I. Typewriting

**120. Typewriting.**

Elementary instruction in typewriting. The work includes development of correct writing habits, drills in rhythm, simple tabulation, and letter writing. Speed requirement: minimum of twenty net words per minute for five minutes with three errors or less.

*(4 hours.) Fall and summer quarters.*

**121. Typewriting, Continued.**

This course includes the typewriting of different types of business letters, special attention being given to the form, arrangement, and style. Also includes the typewriting of telegrams, cablegrams, radiograms, manuscripts, reports, rough drafts, displayed matter, tabulations, billing, and common forms of legal documents. Speed requirement: minimum of thirty net words per minute for ten minutes with five errors or less.

*(4 hours.) Winter and summer quarters.*

**122. Typewriting, Continued.**

In this course, skill development is continued at a higher level. More advanced work is given in business letters, telegraphic communications, tables and other statistical matter, billing and business instruments, legal and business documents, and related typing projects. Speed requirement: minimum of forty net words per minute for ten minutes with five errors or less.

*(4 hours.) Spring and summer quarters.*

**230. Advanced Typewriting.**

A course in the development of superior skill in typewriting. Additional and remedial training in speed and accuracy, and a study of advanced typing projects are included. Speed requirement: minimum of forty-five net words per minute for fifteen minutes with eight errors or less.

*(4 hours.) Fall and winter quarters.*

**231. Advanced Typewriting, Continued.**

This course is designed for those who wish to become skilled in typewriting. Remedial instruction for individual typewriting difficulties is given. Speed and accuracy are the objectives. Speed requirement: minimum of fifty net words per minute for fifteen minutes with eight errors or less.

*(4 hours.) Winter and spring quarters.*

**232. Principles and Problems of Office Practice.**

A practical course in the subject matter of office practice, including filing, duplicating devices, dictating machines and adding and calculating machines.

*Prerequisite: Typewriting 230 and 231, or permission of the instructor. Class limited to twenty-four. (4 hours.) Fall and spring quarters.*

## II. Shorthand

**123. Shorthand.**

A beginning course in the study of Gregg shorthand. Effort is concentrated on a thorough study of principles, brief forms, and phrasing. Elementary dictation and transcription powers are developed concurrently with the training in theory. No credit for less than one year's work.

*(4 hours.) Fall quarter.*

**124. Shorthand, Continued.**

A study of the principles of the shorthand system is completed. The ability to take dictation and transcribe, both business letters and articles, is further developed. No credit for less than one year's work.

*(4 hours.) Winter quarter.*

**125. Shorthand, Continued.**

Speed combined with accuracy is the aim of this course. Shorthand theory is reviewed and shorthand vocabularies are further developed. Speed requirement: minimum of sixty words per minute for five minutes to be transcribed with 98 per cent accuracy. No credit for less than one year's work.

*(4 hours.) Spring quarter.*

**233. Advanced Shorthand.**

This course is devoted to the development of rapid dictation and transcription of business letters. The material is selected from a wide field with a view to developing the student's control of a comprehensive vocabulary and of testing the ability to take dictation on various subjects. Speed requirement: minimum of eighty words per minute for five minutes to be transcribed with 98 per cent accuracy.

*(4 hours.) Fall quarter.*

**234. Advanced Shorthand, Continued.**

Expertness in taking dictation and transcribing shorthand rapidly and accurately is the aim of this course. Speed requirement: minimum of 100 words per minute for five minutes to be transcribed with 98 per cent accuracy.

*(4 hours.) Winter quarter.*

**235. Secretarial Practice.**

This course aims to promote finished performance in typewriting and shorthand. A study is also made of the duties of the secretary in business and the professions; relations of the private secretary to the employer; and opportunities for men and women in the secretarial field. Speed requirement: minimum of 120 words per minute for five minutes to be transcribed at a rate of not less than twenty-five words per minute with 98 per cent accuracy.

*Prerequisite: Shorthand 233 and 234. (4 hours.) Spring quarter.*

### III. Accounting

**230. Accounting.**

This course does not presume any previous training in bookkeeping. The balance sheet and profit and loss statements are studied first, leading up to the introduction of accounts. The course aims to give a thorough drill in the principles of accounting as applied to single proprietorship.

*(4 hours.) Fall quarter.*

**231. Accounting, Continued.**

This course is a continuation of the work given during the first term of accounting with particular emphasis on the interpretation of

accounts as applied to partnerships. A partnership set is used, illustrating the use of various books of original entry, controlling accounts, and adjusting and closing books.

(4 hours.) *Winter and summer quarters.*

**232. Accounting, Continued.**

Changing partnership books to corporation books is the work chiefly involved in this course. Emphasis is placed upon the technique of preparing financial and profit and loss statements.

(4 hours.) *Spring quarter.*

**344. Cost Accounting.**

Cost accounting is studied in this course involving principles and methods in handling materials, direct labor, and distribution of overhead expenses as they relate to manufacturing concerns. Departmental accounting, consolidated statements, analysis of financial statements, and auditing are presented.

*Prerequisite: Accounting 230, 231, 232. (4 hours.) Fall quarter.*

**345. Accounting Problems.**

Social security and income tax procedure are presented in this course. Problems are worked out to show the practical application of the theory studied. Advanced accounting problems as they relate to the various types of corporation enterprises are studied.

*Prerequisite: Accounting 230, 231, 232. Elective. Not open to freshmen. (4 hours.) Winter quarter.*

## IV. Methods

**340. Methods of Teaching Typewriting and Office Practice.**

Methods of teaching both beginning and advanced typewriting courses are included. Demonstrations are given in the teaching of typewriting techniques. Proficiency in the subject matter must be demonstrated before credit in this course will be granted.

(4 hours.) *Fall and summer quarters.*

**340. Methods of Teaching Gregg Shorthand.**

This course is designed for teachers and prospective teachers who desire to make a practical study of classroom problems involved in the different methods of teaching the manual. Special attention is given to the teaching of advanced dictation and transcription. Demonstrations are given in the different methods of teaching shorthand. Proficiency in Gregg shorthand theory and in taking dictation must be demonstrated before credit in this course will be granted.

(4 hours.) *Winter quarter.*

**340. Methods of Teaching Bookkeeping and Business Arithmetic.**

In this course a critical study is made of the teaching of elementary bookkeeping by modern methods. In addition to lectures and discussions, there is sufficient laboratory work to insure mastery of the subject in its relation to the problems of the teacher.

(4 hours.) *Spring quarter.*

**340. Methods and Materials for Teaching Introduction to Business.**

This course provides a study and review of the subject matter of introduction to business, junior business training, elementary business training, practical economics, or general business, as the subject is variously called. It also deals with consumer education for business as presented in secondary schools.

*(4 hours.) Spring quarter.*

**441, 442, 443. Practice Teaching in Commerce in the High School.**

*(4 hours for each course.) Every quarter.*

**V. Other Courses**

**124. Business Mathematics.**

This course is a preparation for the courses in accounting. It covers the simpler exercises and problems of everyday business calculations—including such topics as the use of aliquot parts; practical short methods of calculations; fractions; percentage; trade and cash discount; profit and loss; marked price; commission and brokerage; banker's, accurate, and compound interest; bank discount; installment buying; taxes, fire insurance; stocks and bonds; and depreciation.

*(4 hours.) Winter and spring quarters.*

**128. Business English.**

The aim of this course is to train students in the use of correct and forceful English for business purposes. Attention is given to the various types of business correspondence, such as: application letters, sales letters, credit letters, collection letters, adjustment letters, form letters, and business reports. Ample practice is given in writing these letters.

*Prerequisite: English 120 and 121. (4 hours.) Spring quarter.*

**446. Business Law.**

This course deals with the rules governing law and its administration; property, torts; contracts; agency, employer, and employee; negotiable instruments; and suretyship. The aim of the course is to give the student a thorough and correct understanding of the fundamental principles of business law.

*(4 hours.) Fall quarter.*

**447. Business Law, Continued.**

This course is a continuation of Business Law 446 and considers insurance; bailments; carriers; sales; partnership; corporations; deeds of conveyance; mortgages; landlord and tenant and business crimes.

*(4 hours.) Winter quarter.*

**448. Salesmanship and Advertising.**

General salesmanship and retail store selling are presented in this course, with approximately one fourth of the course devoted to general selling and three fourths of the time given to retail selling. Advertising is studied as it applies specifically to these two classes of selling.



Students who take this course are encouraged to do actual selling in some of the local stores if they have had no previous selling experience.

(4 hours.) *Spring quarter.*

**449. Foundations in Business Education.**

In this course a study is made of the evolution of the commercial curriculum, reorganization of the commercial curriculum in terms of large and small high schools, and placement of subjects; philosophies of business education; and objectives are appraised in terms of business occupational requirements and trends.

*Elective. Not open to freshmen or sophomores. (4 hours.) Winter quarter.*

**450. Problems in Business Education.**

This course evaluates testing materials available in business education; the problems of supervision and administration of business education; job analyses; placement and follow-up of graduates; and vocational information and guidance.

*Elective. Not open to freshmen or sophomores. (4 hours.) Spring quarter.*

## EDUCATION AND TEACHING

### I. Education

**130. An Introduction to Education.**

A comprehensive survey of the field of education. Especial attention is given to the development of the American school system, aims and curricula of the various administrative units, cost, support, and administration of our schools, qualifications for teachers, the duties and the relationships of teachers, professionalizing teaching, and opportunities in teaching.

*Required of freshmen in the two-year curriculum for the preparation of elementary teachers. (4 hours.) Fall and winter quarters.*

**131. Introduction to Educational Psychology.**

This is a beginning course and does not assume previous study of psychology. The major topics dealt with are the methods of educational psychology, the physical basis of behavior, inherited and acquired responses, mental hygiene and individual differences.

*Required of freshmen in the two-year curriculum for the preparation of elementary teachers. Prerequisite: Education 130. (4 hours.) Winter and spring quarters.*

**132. Educational Psychology.**

The first six weeks are devoted to a study of the learning process, and the second six weeks to child psychology.

*Required of freshmen in the two-year curriculum for the preparation of elementary teachers. Prerequisite: Education 130 and 131. (4 hours.) Spring quarter.*

**223. Principles of Education with Special Reference to the Elementary School.**

The course deals with properties of the human organism that make education possible, properties of society that make education necessary, historical concepts that have dominated organized education, the place of education in a democratic society, and the aims of education in a democratic society. Emphasis is placed upon a study of recent social trends and their implications for education.

*Required in the sophomore year of the two-year curriculum. Prerequisite: Education 130, 131, 132. (4 hours.) Every quarter.*

**224. Directed Study and Observation of Teaching.**

Extra-instructional and instructional duties of the teacher are discussed. Problems pertaining to classroom management, such as establishing classroom routine, maintaining good discipline, teaching pupils to control themselves, providing a favorable physical environment, supervising the physical welfare of pupils, caring for materials and apparatus, keeping records and making reports, encouraging regular and punctual attendance, and directing extra-curricular activities, are taken up. Problems pertaining to instruction, such as planning lessons, directing study, directing the recitation, and evaluating the results of teaching, are also considered. Numerous observations in the Training School are an integral part of the course.

*Required in the sophomore year of the two-year curriculum. Prerequisite: Education 130, 131, 132. (4 hours.) Every quarter.*

**224R. Directed Study of Rural Teaching.**

An opportunity is offered the student to study instructional and extra-instructional teaching and learning activities. The course is organized into the following illustrative units of work: lesson planning, the assignment, questioning, directed study, socialized recitation, diagnostic teaching, remedial teaching, drill, review, examination, routine, discipline and control, professional relationships and growth, and school records.

*Required in the sophomore year of the two-year rural school curriculum. Prerequisite: Education 130, 131, 132. (4 hours.) Every quarter.*

**225. Primary Education.**

A course devoted primarily to a study of problems pertaining to teaching in the first three grades. The principal topics taken up are the mental and the physical growth of the child during the pre-school and the primary periods; the aims and the curricula of the nursery school and the kindergarten; the aims, the curricula, the equipment and the materials of the primary school; teaching the various subjects in the curriculum of the primary grades; and personal characteristics and professional preparation of the primary teacher.

*Required in the two-year curriculum of students preparing to teach in the lower grades. Elective in the two-year rural curriculum. Prerequisite: Twelve quarter hours in education. (4 hours.) Spring quarter.*

**230. An Introduction to Education.**

The topics taken up are the same as in Education 130, but special attention is given to topics pertaining to the secondary school.

*Required of sophomores in the four-year curriculum for the preparation of secondary school teachers. (4 hours.) Fall quarter.*

**231. Introduction to Educational Psychology.**

The topics covered are the same as in Education 131.

*Required of sophomores in the four-year curriculum for the preparation of secondary school teachers. Prerequisite: Education 230. (4 hours.) Winter quarter.*

**232. Educational Psychology.**

The first six weeks are devoted to a study of the learning process, and the second six weeks to adolescent psychology.

*Required of sophomores in the four-year curriculum for the preparation of secondary school teachers. Prerequisite: Education 230 and 231. (4 hours.) Spring quarter.*

**343. Principles of Education with Special Reference to the Secondary School.**

The topics dealt with are the same as in Education 223, but special attention is given to their implications for the secondary school.

*Required of juniors in the four-year curriculum for the preparation of secondary school teachers. Prerequisite: Education 230, 231, 232. (4 hours.) Every quarter.*

**344. Tests and Measurements.**

About one-third of the time is devoted to educational statistics, with emphasis upon the applications of the various techniques that are presented. The remainder of the time is devoted to a brief study of the testing movement, advantages and limitations of various types of tests, criteria for the selection of tests, examination of numerous standardized tests, and the construction of tests in the student's major field.

*Required of all students in either their junior or senior year. Prerequisite: sixteen quarter hours in education. (4 hours.) Every quarter.*

**345. Directed Study and Observation of Teaching.**

Problems pertaining to the extra-instructional and the instructional activities of the secondary teacher are discussed. Observations in the Training School are an integral part of the course.

*Required of juniors in the four-year curriculum for the preparation of secondary school teachers. Prerequisite: Education 230, 231, 232. (4 hours.) Every quarter.*

**446. Modern Trends in Education.**

The topics discussed vary from year to year. Each student is expected to choose for detailed study one problem in which he is especially interested. Topics such as the following are illustrative of the kind that may be taken up: curriculum building; progressive

education; the guidance movement; financing education; educational research in special fields, such as reading, academic freedom, visual education, radio in education.

*Elective in junior or senior year. Prerequisite: sixteen quarter hours in education. (4 hours.) Fall and summer quarters.*

#### **447. Social Psychology.**

This course deals with the various phases of social behavior. Specifically, some of the problems dealt with are instinctive adaptation to social situations; group and individual reactions to social phenomena; customs; fashions; fads; conventions; national and racial attitudes; occupations; institutions; and the social self in the present-day world.

*Required in the four-year elementary curriculum. Elective in junior or senior year in other curricula. Prerequisite: sixteen quarter hours in education. (4 hours.) Spring and summer quarters.*

#### **448. School Organization and Administration.**

This is an introductory course for students who desire a knowledge of problems in educational organization, administration, and supervision in the nation, the state, and local units. The first half of the course gives an understanding of the problems of administration to enable all members of an organization to cooperate with those in final administrative authority in the formulation of policies. The second half of the course presents the problems of the elementary and high-school principal in organizing and administering schools. School law and finance as well as current educational problems receive attention in this course.

*Elective in junior or senior year. Prerequisite: sixteen quarter hours in education. (4 hours.) Winter quarter.*

#### **449R. Current Rural Problems.**

An analysis of current social issues as they affect the welfare of country and village people. The approach of these issues is made through the medium of current farm periodicals and two books: "A Study of Rural Society" by Kolb and Brumer, and "Readings Related to Agriculture" by Hamlin. Agricultural planning is discussed. Typical problems to be discussed are: How may rural people modify habits and institutions to advance the common welfare? What is the function of the rural teacher in the process of social change in rural America?

*Elective in junior or senior year in the four-year rural curriculum. Prerequisite: sixteen quarter hours in education. (4 hours.) Winter and summer quarters.*

#### **451. Abnormal Psychology.**

Points of view as regards the nature and varieties of personality. The significance of certain facts of normal and abnormal psychology, and their bearing upon the individual. Development of practical tests for use in detecting and diagnosing abnormalities.

*Elective. Prerequisite: twelve quarter hours in education. (4 hours.) Summer term.*

**452. School Law.**

This course takes up the principles of case law applicable to practical problems of school administration. It is intended for school superintendents, principals, and supervisors concerned with the administration of public schools.

*Elective. Prerequisite: twelve quarter hours in education. (4 hours.) Summer term.*

**453. Extra-Curricular Activities.**

The aim of this course is to discover and set up guiding principles for pupil participation in the life of the school. The following activities are considered: Home room and class organization, student council, school clubs, athletic association, state contests, school publications, music clubs, dramatics, social parties, extra-curricular finances. Special consideration is given to two important supplementary school agencies, Boy Scouts and Girl Scouts. In a laboratory period following the class hour, the men of the class are taken through the "Elements of Scoutmastership" to qualify as scoutmasters. For this work they will be awarded the training certificate of the Boy Scouts of America. A similar laboratory period is offered for the women of the class. Students are invited to bring all material available in their own school that bears on the topics of the course.

*Elective. Prerequisite: twelve quarter hours in education. (4 hours.) Summer term.*

**458. History of Industrial Arts and Home Economics in Education.**

The course covers the development of techniques and philosophy from earliest history to present trends.

*Required in the senior year of the Home Economics curriculum, and the Industrial Arts curriculum unless Educ. 345 is substituted. Fall quarter.*

## II. Teaching

A detailed description of the courses in supervised student teaching may be found under the head, Training Schools.

All assignments for supervised student teaching are made by the director of teacher training. Students should arrange for their teaching assignment before registering for other subjects.

Students registered for teaching must leave the 4:00-5:00 period on Thursdays open for group conferences.

For restrictions on admission to supervised student teaching course, see III, under "Scholarship."

**220, 221, 222. Supervised Student Teaching in the Grades.**

*Required in the second year of the two-year curriculum for preparation of teachers for the grades. Teaching 222 elective if B average is made in Teaching 220 and 221. (4 hours for each course.) Every quarter.*

**441, 442, 443. Supervised Student Teaching in the Major or Minor Subject.**

Three quarters of teaching are required in the senior year. At least one of these quarters must be in the major subject. These

courses are listed as Teaching 441, 442, 443 in the description of courses in each department.

*Required in the senior year. (4 hours for each course.) Every quarter.*

## ENGLISH

Note: 1. Any student entering the Teachers College with a deficiency in the basic skills in English—reading, writing, spelling, elements of grammar and good usage—may be required to take work in remedial English in addition to the required freshman composition courses.

2. Any student teacher found deficient in English may be remanded to English 120 or to remedial work in speech or grammar or oral and written usage, as the case may require.

### 120, 121. Composition.

A course in the fundamentals of good speaking and writing. Creditable work in English 120, 121 is a prerequisite to teaching in the Training School. Credit for English 120, 121 may be earned in one, two, or more quarters according to individual progress. Students who complete English 121 when registered for English 120 may substitute another English credit for English 120, being counted excused from English 120.

*Required in the freshman year in all curricula. (4 hours for each course.) Every quarter.*

### 121J. Journalism I.

The course covers the fundamentals of news-writing and reporting. It is designed to train students to act as advisers for high-school student publications. Part of the class work appears regularly in *The Teachers College News*.

*Prerequisite: English 120. Accepted for English 121. (4 hours.) Winter quarter.*

### 122. Literature in the Grades.

Emphasizes chiefly wide acquaintance with the great bodies of world literature—myth, legend, etc.—and with the best poetry suitable for children.

*Required in the first year of the two and four-year curriculum for lower grades. (4 hours.) Winter, spring, and summer quarters.*

### 123. Story-Telling.

Theory and practice in telling stories to children of different ages.

*Elective. The course may be substituted for English 122 or 124. (4 hours.) Summer term.*

### 124. Teaching of English.

The teaching of composition and literature in the upper grades is covered as fully as time permits, including discussion of materials, purposes, standards, theme-topics, correcting of compositions, literature in the grades, and methods of teaching. This course is especially recommended to students interested in intermediate, upper grade, or junior high school work.

*Prerequisite: English 120 and 121. Required in the first year of the two and four-year curriculum for the upper grades. (4 hours.) Spring and summer quarters.*

**124. Reading.**

This course covers briefly the development of reading objectives, materials, and methods in the elementary school. A summary is made of the results of the scientific studies in the field. Procedures in the development of skills in the various types of reading are studied and demonstrated.

*Required in the two and four-year elementary curriculum. (4 hours.) Every quarter.*

**125. Introduction to Literature.**

Designed to give the student an acquaintance with the most common types of English literature, including narrative and lyric poetry, biography and letters, the short story, and the essay.

*Prerequisite: English 120 and 121. Freshmen who have taken English 10, 11, 12 in the Teachers College High School must substitute English 234 or English 126 for English 125 to avoid duplication; or English 124, or English 122 may be substituted by these students if they wish to teach at the end of two years. Required in four-year high-school curricula, except the English curriculum. (4 hours.) Spring quarter.*

**126. Grammar.**

A study of the English sentence, with some attention to the parts of speech. Methods are illustrated and stressed. This is primarily a course for those preparing to teach in the upper grades or in junior or senior high school English, but is open to any student who feels the need of grammatical insight.

*Required in the freshman year of the two and four-year elementary curriculum for the upper grades and in the English curriculum. (4 hours.) Every quarter.*

**128. Business English.**

(See description under "Commerce.")

**230, 231. Nineteenth Century Prose Fiction.**

The primary aim is to arouse the student's interest in the best fiction, and the secondary, to furnish him with standards of judgment.

*English 230 required in the English curriculum. English 231 elective. Prerequisite: English 230 to English 231. (4 hours for each course.) English 230, fall quarter; English 231, winter quarter. Summer term.*

**234. American Literature.**

A survey of American literature from the beginning to the present, stressing trends and major writers, with as much reading in the originals as possible.

*Required in the English curriculum. (4 hours.) Spring and summer quarters.*

**235. Greek Drama.**

Origins and development of classical drama: Aeschylus, Sophocles, Euripides, with a study of Greek life and thought, and their contribution to our culture.

*Elective. Prerequisite: English 230, 231, 234. (4 hours.) Fall and summer quarters.*

**236. Shakespeare and the Elizabethan Drama.**

A study of Shakespeare's most important plays, and of their place in the development of English drama. Some attention is given to the chief dramatists contemporary with Shakespeare.

*Required in the English curriculum. (4 hours.) Winter and summer quarters.*

**237. Modern Drama.**

The purpose of this course is to familiarize the student with what is best in modern drama.

*Elective. (4 hours.) Spring and summer quarters.*

**239. 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 237.

*(4 hours.) Summer term.*

**340. The Teaching of English in the High School.**

Important topics connected with English in the high school are covered as fully as time permits.

*Required in the junior year of those whose major subject is English. (4 hours.) Spring quarter.*

**343. 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.

*Required or elective in the junior year in all curricula. (4 hours.) Fall and summer quarters.*

**344. Advanced Rhetoric.**

Chiefly written composition, applying the principles of organization and effective expression to somewhat more extended material than do English 120 and 121. The course is intended to give both an introduction to the methods of research and opportunity for original work.

*Prerequisite: Junior College required English. Required or elective in the junior year in all curricula. (4 hours.) Winter and summer quarters.*

**344J. Journalism II.**

This course is designed to train students in the effective expression of problems of student life. Opportunity is afforded for original work. The present-day newspaper and its relation to contemporary life are discussed.

*Prerequisite: English 121J or the equivalent. (4 hours.) Spring quarter.*



**345. Public Speaking.**

(See description of course under Speech 345.)

**346, 347, 348. Modern English Poetry.**

Appreciation of the art of poetry, and a study of some of the chief English poets, as they illustrate the art. Beowulf to Chaucer; Milton to Burns; Nineteenth Century Poetry.

*Required in the English curriculum; elective in others. (4 hours for each course.) English 346, fall quarter; English 347, winter quarter; English 348, spring quarter. Summer term.*

**441, 442, 443. Practice Teaching in English in the High School.**

*(4 hours for each course.) Every quarter.*

**449. The Essay.**

This course traces the development of the essay in English, with special attention to style. Eighteenth and nineteenth century essays are stressed most.

*Required in the senior year of the English curriculum and elective for juniors and seniors in any curriculum. (4 hours.) Fall quarter.*

**450, 451. History of the English Language and Literature.**

The development of the English language from Anglo-Saxon to the language of today traced concurrently with the history of English literature.

*Prerequisite: English 126 or its equivalent. Required in the senior year of the English curriculum. Not open as elective in other curricula except by special permission of the head of the English department. (4 hours for each course.) Winter and spring quarters.*

## FOREIGN LANGUAGE

### Latin

**120, 121, 122. Beginning Latin.**

This sequence is offered for students who desire to begin the study of Latin in college. The aim in these courses is to equip the prospective teacher of Latin with a ready mastery of the fundamentals of the language and the techniques of instruction. Special attention is given to the influence of Latin on English. The text for these courses is specifically designed for beginning Latin in college.

*No credit for graduation for less than a year's work. (4 hours for each course.) Omitted 1939-40.*

**123. Introductory Latin Reading.**

Selections from Nepos, Caesar, Phaedrus, and Aulus Gellius. Review of Latin grammar; practice in sight translation.

*Prerequisite: Two years of Latin in high school. (4 hours.) Fall quarter.*

**124. Orations of Cicero.**

Readings from the four orations against Catiline. Cicero's career and the political background of the conspiracy of Catiline are discussed. Exercises in Latin composition.

*Prerequisite: Latin 123. (4 hours.) Winter quarter.*

**125. Virgil's Aeneid.**

Selections from Books I to VI. Greek and Roman mythology; scansion; sight translation; life of Virgil.

*Prerequisite: Latin 124. (4 hours.) Spring quarter.*

**230. Cicero's Essays, De Amicitia and De Senectute.**

Class discussion centers around the philosophical views set forth in these works.

*Prerequisite: Four years of Latin in high school or two years of Latin in high school and Latin 123, 124, 125. (4 hours.) Fall quarter.*

**231. Horace, Selections from the Odes and Epistles.**

Special attention is paid to the poet's philosophy and to various poetic translations of the works of Horace.

*Prerequisite: Latin 230. (4 hours.) Winter quarter.*

**232. Livy, Selections from Books I, XXI, and XXII.**

Sources and authenticity of Livy's history.

*Prerequisite: Latin 231. (4 hours.) Spring quarter.*

**340. The Teaching of Latin.**

*Prerequisite: Three years of college Latin. Required in the junior year of those whose major is Latin. (4 hours.) Spring quarter.*

**343. Ovid, Selections from Tristia, Heroides, Amores, Fasti, Metamorphoses.**

The life and times of Ovid; Roman and Greek mythology.

*Required. (4 hours.) Fall quarter.*

**344. Latin Composition.**

The purpose of this course is to give the prospective Latin teacher a facility in the use of the more elementary constructions. The exercises are based upon the authors usually read in high school.

*Required. (4 hours.) Winter quarter.*

**345. Medieval Latin.**

Readings in the history, poetry, and philosophy of the Middle Ages. Special attention is given to the comparative philology of Latin and the Romance languages.

*Required. (4 hours.) Spring quarter.*

**441, 442, 443. Practice Teaching in Latin.**

*Required in the senior year of those whose major is Latin. (4 hours for each course.) Every quarter.*

**446. Roman Comedy.**

The *Menaechmi* and *Captivi* of Plautus; the *Phormio* and *Andria* of Terence.

*(4 hours.) Omitted 1939-1940.*

**447. Selections from Martial and Catullus.**

*(4 hours.) Omitted 1939-1940.*

**448 (237). Latin Literature in Translation.**

A survey of Latin literature in English translations made by noteworthy authors. Lectures supply the background for the masterpieces read. The English Department recognizes this as a substitute for English 235 (Greek Drama in Translation) and by special arrangement with the head of the English Department for certain other courses. There is no Latin prerequisite.

*(4 hours.) Omitted 1939-1940.*

## General Language

**130. Spanish and Italian.**

Spanish is taught during the first half of the quarter and Italian during the second half. Practice in pronunciation; the elements of grammar; reading of simple narrative.

*Elective. Required in the music curriculum. (4 hours.) Fall quarter.*

**131. French.**

Practice in pronunciation; the elements of grammar; reading of simple narrative.

*Elective. Required in the music curriculum. (4 hours.) Winter quarter.*

**132. German.**

Practice in pronunciation; the elements of grammar; reading of simple narrative.

*Elective. Required in the music curriculum. (4 hours.) Spring quarter.*

## French

**130, 131, 132. First Year French.**

Principles of grammar; phonetics; pronunciation and drill in rhythm and intonation; reading of simple French texts.

*Elective. (4 hours for each course.) No credit for graduation for less than a year's work. French 130, fall quarter; French 131, winter quarter; French 132, spring quarter.*

**233, 234, 235. Second Year French.**

This sequence is conducted with the primary and in view of advancing the student's reading ability. Texts by Hemon, Bazin, Anatole France, Pierre Loti, and Balzac are read. Reports of outside reading are made every two weeks. The classes are conducted in French.

*Prerequisite: Two years of high-school French or one year of college French. Elective. (4 hours for each course.) French 233, fall quarter; French 234, winter quarter; French 235, spring quarter.*

**343, 344, 345. Third Year French.**

Selected dramas of Molière, Beaumarchais, Marivaux, Hugo, and Rostand. Modern poetry. Reading of moderately difficult texts.

Frequent reports on suggested topics; weekly reports of outside reading. Oral themes; conversation.

*Prerequisite: Two years of college French. Elective. (4 hours for each course.) French 343, fall quarter; French 344, winter quarter; French 345, spring quarter.*

## German

### 230, 231, 232. First Year German.

Principles of grammar; practice in pronunciation; reading of Hagboldt's *Graded Texts* and *Immensee*; memorizing of poetry.

*Elective. (4 hours for each course.) Not open to freshmen. No credit toward graduation for less than a year's work. German 230, fall quarter; German 231, winter quarter; German 232, spring quarter.*

### 333, 334, 335. Second Year German.

Rapid review of grammar; exercises in composition. Intensive reading of *Germelshausen*, *Der Schwiegersohn*, *Minna von Barnhelm*, and *Wilhelm Tell*. Students are required to read a number of German books on which written reports are made. Some poems are memorized.

*Prerequisite: German 230, 231, 232, or the equivalent. Elective. (4 hours for each course.) German 333, fall quarter; German 334, winter quarter; German 335, spring quarter.*

## GEOGRAPHY

Note: Geography 120, 121, and 236 are required of students in the four year Elementary curriculum.

Geography 120, 121, 130, 233, 236, and 447 give a minor which fills the state requirements for the teaching of Physical and Commercial Geography in high school.

Geography 120 and 121 are required of all students who major or minor in geography. Other courses should be selected after consultation with the department.

### 120. Principles of Geography.

A survey of the basic relationships between the natural environment and man's activities. This course is organized as a service course for those who are preparing for grade teaching and as a foundation for those who have selected geography as a major or minor subject.

*Required of all students who major or minor in geography and in the two and four-year curricula for preparation of teachers for the grades. Elective for others. (4 hours.) Every quarter.*

### 121. Climatology.

A treatment of climates and their causes. As a basis, a study is made of the form and motions of the earth as underlying influences upon the elements of weather and climate.

*Required of all students who major or minor in geography and in the two and four-year curricula for preparation of teachers for the upper grades. Elective for others. (4 hours.) Every quarter.*

Note: Studies of the continents lead to an understanding of the industrial and commercial development and possibilities of geographic regions.

**130. Geography of North America.**

A study of the countries of North America, showing the geographic basis for their stages of development and commercial relations.

*Prerequisite: Geography 120, 121. Elective in other curricula. (4 hours.) Spring and summer quarters.*

**231. Geography of South America.**

A study of the countries of South America, showing the geographic basis for their stages of development and commercial relations.

*Prerequisite: Geography 120, 121. Elective in other curricula. (4 hours.) Winter quarter.*

**233. Physiography.**

A study of the processes which change the surface of the earth. The course includes quite extensive work in interpreting the earth's surface through the use of topographic maps. This course should be elected by those who may teach physiography or general science in high school.

*(4 hours.) Fall and summer quarters.*

**236. Elements of Geology.**

The course presents the history of the earth and life to the present form, emphasizing the explanation of the distribution and accessibility of the mineral resources of the earth. It is offered as a cultural subject and as a foundation for advanced study and reading in the fields of geography, botany, and zoölogy.

*Required in the four-year elementary curriculum also. (4 hours.) Spring quarter.*

**340. The Teaching of Geography.**

A study of the principles involved in the selection, organization, and presentation of geographic material for elementary and secondary schools according to the individual needs of the class.

*Required in the junior year of those whose major subject is geography. (4 hours.) Spring quarter.*

**343 (32). Geography of Europe.**

A study of the countries of Europe showing the geographic basis for their stages of development and commercial relations.

*Prerequisite: Geography 120, 121. Elective. (4 hours.) Fall and summer quarters.*

**344. Trade and Transportation.**

A survey of the major trade regions of the world and the transportation facilities which have contributed to their development.

*Prerequisite: Geography 120, 121. (4 hours.) Omitted 1939-40.*

**345. Geography of Asia.**

An advanced course dealing chiefly with China, Japan, and India after a general survey of the continent.

*Prerequisite: Geography 130, 231, 343. (4 hours.) Winter quarter.*

**441, 442, 443. Practice Teaching in Geography.**

*Required in the senior year of those whose major subject is geography. (4 hours for each course.) Every quarter.*

**446. Urban Geography.**

A detailed study of the location, growth, decline, and characteristics of cities as influenced by the natural environment.

*Prerequisite: Geography 120, 121. (4 hours.) Spring quarter.*

**447. Economic Geography.**

An advanced course for teachers of commercial geography in high school.

*No prerequisite. Open only to students of the Senior College. (4 hours.) Winter quarter.*

**448. The Conservation of Natural Resources.**

A study of problems dealing with the conservation of soil, minerals, forests, and waters, with special reference to the United States.

*No prerequisite. Open only to students of the Senior College. (4 hours.) Spring quarter.*

## HOME ECONOMICS

**Note:** The four-year curriculum in home economics (See Curriculum G) is designed to cover the needs of teachers who wish to teach home economics in high schools which receive Federal aid under the Smith-Hughes Law. It has been approved by the State Supervisor of Home Economics.

**Note:** Home Economics 101, 102, 201, 202, 301, 343, and 344 have 2 lecture periods and 2 laboratory periods (100 minutes each) a week; Home Economics 232 meets 8 periods a week; other Home Economics courses meet 4 periods a week.

**101 (C. 30). Psychology of Dress.**

A study of factors that are important in selecting, caring for, and the wearing of clothes.

*Required in the home economics curriculum. Elective in other curricula. (4 hours.) Fee 50 cents. Fall and winter quarters.*

**102 (F. 30). Elementary Nutrition.**

An introduction to applied nutrition, including the selection and marketing of food and the relation between nutritional status, family income, and standards of living.

*Required in the home economics curriculum. Elective in other curricula. (4 hours.) Fee \$2.00. Fall and winter quarters.*

**201 (C. 31). Textiles.**

Useful information, suggestions, and directions concerning textile fibers, yarns, and fabrics on the market today.

*Required. Prerequisite: Home Economics 101. (4 hours.) Fee 50 cents. Every quarter.*

**202 (F. 31). Economics of Food Preparation.**

A study of the principles involved in food preparation based upon the selection and marketing of foods and food products.

*Required. Prerequisites: Home Economics 102; Chemistry 130, 131, 132. (4 hours.) Fee \$2.00. Every quarter.*

**232 (C. 32). Clothing Construction.**

A treatment of the fundamental processes of clothing construction and repairing, with a study of the operation and care of the sewing machine and its attachments.

*Required. Prerequisites: Home Economics 101, 201. (4 hours.) Fee 50 cents. Fall and winter quarters.*

**247 (H. E. 47). Family Relationships.**

A study of trends in family life, including social changes which affect family living and problems which involve community participation.

*Required. Open to other Senior College students. (4 hours.) Fall and winter quarters.*

**301 (F. 32). Meal Planning and Table Service.**

Application of food selection, marketing, and the principles of cookery to the serving of meals to both small and large groups of people.

*Required. Prerequisites: Home Economics 102, 202. (4 hours.) Fee \$2.00. Every quarter.*

**304 (C. 45). Economics of Clothing and Textile Consumption.**

A study of fashions, of the value of systematic planning, and of efficiency in buying.

*Required. Prerequisites: Home Economics 101, 201, 232. (4 hours.) Fee 50 cents. Spring quarter.*

**340 (H. E. 40). Methods in Home Economics.**

Problems pertaining to the teaching of homemaking subjects in grade and high school classes.

*Required in the junior year of the home economics curriculum. (4 hours.) Winter and spring quarters.*

**343 (F. 43). Experimental Foods.**

Application of chemical and physical principles to food preparation.

*Required. Prerequisites: Home Economics 102, 202; Chemistry 210, 211, 212; Botany 235. (4 hours.) Fee \$2.00. Fall and winter quarters.*

**344 (F. 44). Advanced Nutrition.**

A study of the factors which promote and maintain optimum nutrition.

*Required. Prerequisites: Home Economics 102, 202; Chemistry 210, 211, 212; Botany 235. (4 hours.) Winter and spring quarters.*

**345 (H. E. 45). Home Management.**

A study of factors which make for the physical well-being and optimum development of the family and individuals within the family. An opportunity for practical application of principles involved is offered by residence in the Home Management House.

*Required in the junior year. (4 hours.) Every quarter.*

**346 (H. E. 46). Child Development.**

A study of the physical, psychological, and social development of the pre-school child.

*Required. Prerequisite: Home Economics 247. Open to senior college students. (4 hours.) Fall and spring quarters.*

**441, 442, 443. Practice Teaching in Homemaking Subjects.**

*Required in the senior year. Prerequisites: Home Economics 101 to 346 inclusive. (4 hours.) Every quarter.*

**446a (H. E. 46). Home Nursing.**

The first half of the course is a study of the principles governing the location, furnishings, and care of the sick room, care of patients, and first aid.

*Required. Elective in other curricula. (2 hours.) Spring quarter.*

**446b. Special Problems in Home Economics.**

A problem is selected and independently developed by the student. This problem may be chosen from any of the fields in home economics: clothing and textiles, foods and nutrition, child development, household management.

*Required. Senior classification. (2 hours.) Spring quarter.*

## INDUSTRIAL ARTS

**134. Bench Woodwork.**

The function, care, and use of the principal woodworking hand tools are studied in this course. Consideration is given to many types of available woodworking supplies and also to elements of woodfinishing. This course is for men; Industrial Arts 230 is for women. Two class discussions and 6 hours laboratory work each week.

*Required of majors and minors. Fee \$2.00. (4 hours.) Fall, winter, and summer quarters.*

**135. Intermediate Woodwork.**

This course is a continuation of Industrial Arts 134. Additional tools and materials are studied. A thorough study of lumber is made. A limit is set as to types of projects undertaken. Two class discussions and 6 hours of laboratory work each week.

*Required of majors and minors. Fee \$2.00. Prerequisite: Industrial Arts 134. (4 hours.) Every quarter.*

**136 (135). General Metal.**

In this course manipulative skill is developed in the use of hand tools for working common metals as tool steel, mild steel, and art metals. Processes in bending, hammering, shaping, and finishing hot



and cold metal are studied. A study of metal working tools and materials is considered in this course. Two class discussions and 6 hours laboratory work each week.

*Required of majors and minors. Fee \$2.00. (4 hours.) Fall, winter, and summer quarters.*

**150. Applied Electricity.**

This course attempts to meet consumer's knowledge regarding electricity. Treatment of electrical problems arising around the home forms the core for the course. Bell circuits, house wiring, and the re-pairing of electrical apparatus are studied. Working techniques are stressed. Two class discussions and 6 hours laboratory work each week.

*Required of majors and minors. Fee \$2.50 (includes all supplies). (4 hours.) Fall and winter quarters.*

**224. Primary Grade Handwork.**

A course to familiarize teachers of the lower grades with the use of handwork for educational ends. Such materials as paper textiles, reed, raffia, and clay are used. A teachers manual is developed. One class discussion and 7 hours laboratory work each week.

*Required in the two-year and four-year elementary curricula. Fee \$2.00. (4 hours.) Fall, spring, and summer quarters.*

**225. Intermediate Grade Handwork.**

This is a course for teachers of the upper elementary grades. Industrial activities in woods, metals, ceramics, and graphic arts are included. Required in the two-year curriculum unless Industrial Arts 224 is taken. Two class discussions and 6 hours laboratory work each week.

*Required in the four-year elementary curriculum. Fee \$2.00. (4 hours.) Winter and summer quarters.*

**226. Sheet Metal.**

Special emphasis is given to the development of skill in the use of hand tools for shaping sheet metal. The use of machines is also included. A study of pertinent subject matter is a part of the course. Some practice in surface development is given. Two class discussions and 6 hours laboratory work each week.

*Required of majors. Fee \$2.00. (4 hours.) Fall, spring, and summer quarters.*

**230. Woodwork for Women.**

This is a course in beginning bench woodwork for women. It is designed to meet handwork needs in the seventh and eighth grades where women are teachers. The making of projects which may be used for home convenience and decoration, as book-ends, pencil holders, and letter holders, is undertaken. Two class discussions and 6 hours laboratory work each week.

*Elective. Fee \$2.00. (4 hours.) Summer term.*

**231 (131). Mechanical Drawing I.**

This course includes instruction in instrumental practice, lettering, make-up of titles, geometrical construction, techniques of drafting,

orthographic projection, including auxiliary and sectional views, the development of surfaces, and pictorial representations. Two class discussions and 6 hours laboratory work each week.

*Required of majors and minors. Fee \$1.50 (includes drawing paper). (4 hours.) Fall quarter.*

**232 (452). Mechanical Drawing II.**

This course is a continuation of Industrial Arts 231 and includes treatment of scientific data for popular consumption, representations of fasteners used in machine design, and a study of the standards and methods of drafting as used in the larger industries. The analysis of projects and shop sketching receive special attention. Complete drawings of machines are made. Two class discussions and 6 hours of laboratory work each week.

*Required of majors. Fee \$1.50 (includes drawing paper). Prerequisites: Industrial Arts 231. (4 hours.) Winter and spring quarters.*

**259 (359). Printing I.**

The fundamentals of hand composition and platen presswork are taught. Methods of teaching printing in secondary schools are discussed. Two class discussions and 6 hours of laboratory work each week.

*Required of majors. Fee \$2.00. (4 hours.) Fall, winter, and summer quarters.*

**260 (460). Printing II.**

The elements of typographic design as applied to common business forms and commercial printing are taught. Instruction and practice in platen and cylinder presswork are given. Two class discussions and 6 hours of laboratory work each week.

*Required of majors. Fee \$2.00. Prerequisite: Industrial Arts 259. (4 hours.) Every quarter.*

**275. Woodturning.**

In this course a study is made of the operation and care and repair of lathes. Training is given in the use of lathe tools for spindle and face plate turning. Special written assignments and 4 hours of laboratory work each week. (Students desiring this course should make arrangements with the instructor.)

*Elective. Fee \$1.50. Prerequisite: Industrial Arts 134 or shop work approved by instructor. (2 hours.) Every quarter.*

**336 (236). Millwork.**

This is a course which stresses furniture and cabinet making with the use of woodworking machines. The care and adjustment of machines are included. Those who take this course may expect the variety of projects to be limited in order that certain essentials may be covered. One class discussion and 7 hours laboratory work each week.

*Required of majors. Fee \$2.00, unless student constructs equipment for school. Prerequisite: Industrial Arts 135. (4 hours.) Spring quarter.*

**340. Principles of Industrial Arts Teaching.**

The problem of organization of industrial arts subject matter for instructional purposes is the primary aim of this course. Analyses of processes is the method of approach. The determination of equipment lists based upon the teacher's objectives is included.

*Required of majors and minors. Prerequisite: Industrial Arts 134, 136, and 231. (4 hours.) Spring quarter.*

**345. Industrial Arts Design.**

Designing as applied to shop projects is considered in this course. Fundamental principles of design, freehand sketching, the selection and use of joints in construction, the selection and use of color, and modern designing are covered. One class discussion and 3 hours laboratory work each week.

*Required of majors. Prerequisite: Industrial Arts 134, 136, and 232. (2 hours.) Fall quarter.*

**350. Housing I.**

This course includes city planning as it affects residential districts, purchasing the lot, selection of the architect, planning the rooms, heating, ventilation, insulation, and a study of principles of construction. A modern house is planned and working drawings are begun. Two class discussions and 6 hours laboratory work each week.

*Required of majors. Fee \$1.50 (includes drawing paper). (4 hours.) Winter quarter.*

**355. Housing II.**

This course is a continuation of Industrial Arts 350. The study of principles of construction is continued, and a study of the legal phases of building, such as permits, specifications, contracts, and mechanic's liens is made. The student completes working drawings for a house and prepares simplified specifications for it. Two class discussions and 6 hours laboratory work each week.

*Required of majors. Fee \$1.50 (includes drawing paper). Prerequisites: Industrial Arts 350. (4 hours.) Spring quarter.*

**361 (461). Linotype Operation and Maintenance.**

This course includes instruction in the care, adjustment, and repair of the linotype as well as practice in the operation of the machine. Four hours of classwork and 4 hours of laboratory work per week. (Students desiring this course should make arrangements with the instructor.)

*Elective. Fee \$3.00. Prerequisite: Industrial Arts 260. (4 hours.) Spring and summer quarters.*

**363 (463). Traffic Efficiency and Automobile Driving.**

Owing to the increased use of the automobile and the great number of automobile accidents, instruction in the operation of these machines is becoming increasingly necessary. The main topics considered in this course are: mechanism of the automobile—basic facts; accidents, their cause and prevention; driving regulations; the art of driving; inspection and maintenance of the automobile; and points to consider in the purchase of an automobile. Individual driving lessons are given.

*Required of majors. Fee \$2.50. (4 hours.) Spring and summer quarters.*

**365. Woodfinishing.**

This is a special course in woodfinishing. The course includes preparation of wood, staining, varnishing, painting, fuming, gessoing, lacquering, and polychroming.

*Required of majors. Fee \$1.50 (includes supplies). Prerequisites: shop work approved by instructor. (2 hours.) Fall quarter,*

**380. Concrete Work.**

This course involves a study of concrete and its uses. Skill is developed in the handling of tools used in concrete work.

*Elective. Fee \$1.00. (2 hours.) Omitted 1939-40.*

**437 (237). Machine Woodwork.**

This is a course involving furniture design and construction. It is open only to students who have shown ability in all previous drawing and woodworking courses. Eight hours laboratory work each week. (Students desiring this course should make arrangements with instructor before registering.)

*Elective. Fee \$2.00. Prerequisite: Industrial Arts 135, 232, 275, 336, and 345. (4 hours.) Any quarter.*

**441, 442, 443. Supervised Teaching in Industrial Arts.**

The student spends one hour each day in observing and participating in teaching. Another hour each day is spent in conferences, preparing teaching plans, and studying other pertinent data. Two of the three quarters of teaching are spent in industrial arts subjects and the third quarter is done in the minor field.

*Required of majors. (4 hours.) Every quarter.*

**444. Saw Fitting.**

This course includes instruction in the care, repair, polishing, straightening, jointing, filing and setting of hand and circular saws. One class discussion and 3 hours laboratory work each week.

*Required of majors. Fee \$1.25 (includes supplies). Prerequisite: Industrial Arts 134 and 336. (2 hours.) Omitted 1939-40.*

**448 (348). Machine Metal Work.**

This course presents the basic principles of machine work and their application on the engine lathe. The operation, care, adjustment and repair of machine shop equipment is included. Two class discussions and 6 hours of laboratory work each week.

*Required of majors. Fee \$2.50. (4 hours.) Winter and summer quarters.*

**449 (354). Advanced Machine Metal Work.**

This course covers the fundamental principles of machine work, with applied laboratory work on the drilling machine, milling machine, and shaper. Instruction and practice in oxyacetylene welding are included. Two class discussions and 6 hours of laboratory work each week.

*Required of majors. Fee \$2.50. (4 hours.) Spring and summer quarters.*

#### **451. Organization of Subject Matter.**

This is a continuation of Industrial Arts 340 and involves advanced work in the preparation of instructional material with a view to providing for individual progress. (This course can be taken only by special arrangement with instructor in advance of registration.)

*Elective. Prerequisite: Industrial Arts 340. (2 hours.) Any quarter.*

#### **457. General Shop. (Farm Mechanics.)**

In this course considerable latitude is allowed the student for the designing and constructing of a special project of his choice. (Permission from the instructor should be obtained before registration.) 8 hours laboratory work each week.

*Elective. Fee \$2.00. Prerequisite: Industrial Arts 136, 232, 226, 448, and 449. (4 hours.) Spring and summer quarters.*

## **THE USE OF THE LIBRARY**

Certain courses offered in the College require considerable work in the library, including reading, and looking up references, and assigned topics. To do this work with the wisest expenditure of time and effort, students should know how to use the card catalogue, magazine indexes, and some common reference books. Lessons, required of all students, are given in the freshman year of all curricula. An effort is made to have these lessons prepare for library work required of students in other courses.

#### **120. The Use of the Library.**

Freshmen who have completed Library XI in the Teachers College High School are excused from all but the last four lessons of Library 120. They should register for Library 120 (XI), given in the first four weeks of the winter quarter.

*Required in the freshman year of all curricula. One hour a week. (1 hour.) Every quarter.*

## **MATHEMATICS**

#### **120. The Science, Psychology, and Teaching of Number.**

This course deals with the science, psychology, and teaching of number and its processes and applications. Special attention is given to the subject matter and the technique of teaching mathematics in the first six grades.

*Required in the two- and four-year elementary curricula; also required of students whose major subject is mathematics. (4 hours.) Every quarter.*

#### **121. Mathematics in the Upper Grades.**

The primary object of this course is to prepare teachers of mathematics for the upper grades of the elementary school. The subject

matter of those grades is discussed from the standpoint of the psychological and scientific development and of its use. In presenting this subject matter, methods of teaching are used that can be readily adapted to the upper grades.

*Required in the two- and four-year elementary curricula. (4 hours.) Winter, spring, and summer quarters.*

### 130 (31). Algebra and Trigonometry.

Three hours a week are devoted to college algebra and one hour to trigonometry. Review of elementary reductions, graphs, the function idea, linear and quadratic equations, systems of equations, second and third order determinants, exponents, logarithms. Topics from trigonometry include solution of right triangles and oblique triangles, and elementary relations among the trigonometric functions.

*Required. Prerequisite: One year or more of high school algebra. (4 hours.) Fall quarter.*

### 131 (32). Algebra and Trigonometry.

A continuation of Mathematics 130. The binominal theorem, progressions, inequalities, complex numbers, compound interest and annuities, permutations and combinations, probability, elementary theory of equations. Topics from trigonometry to include identities, trigonometric equations, inverse functions, radian measure, De Moivre's Theorem.

*Required. Prerequisite: Mathematics 130. (4 hours.) Winter quarter.*

### 132 (30). Solid Geometry.

This is a course in Euclidian solid geometry.

*Required of students whose major or minor subject is mathematics and who have not had solid geometry in high school. Prerequisite: Plane geometry. Fall quarter.*

### 133 (37). Field Work.

A course in elementary applications of mathematics. Theory and use of the slide rule, construction of computation charts, use of the steel tape, construction and use of the angle mirror, hypsometer, clinometer, use of sextant and transit, elementary problems in surveying, construction and use of a plane table, determination of a meridian. The object of the course is to show the possibilities for enriching high-school mathematics courses.

*Required of students whose major subject is mathematics. Prerequisite: Either Mathematics 130 or high school trigonometry. (4 hours.) Spring quarter.*

### 134. Analytic Geometry.

The geometry of the straight line, circle, parabola, ellipse, and hyperbola. Parametric equations.

*Prerequisite: Mathematics 130. (4 hours.) Spring quarter.*

**228. College Geometry.**

The objects of this course are to improve and extend the student's knowledge of the content and methods of Euclidian geometry and to give an introduction to modern geometry.

*Required in the sophomore year of those whose major subject is mathematics. (4 hours.) Spring quarter.*

**235. Calculus.**

Introduction to the Differential Calculus.

*Required. Prerequisite: Mathematics 134. (4 hours.) Fall quarter.*

**236. Calculus.**

Introduction to the Integral Calculus.

*Required. Prerequisite: Mathematics 235. (4 hours.) Winter quarter.*

**340. The Teaching of High School Mathematics.**

*Required in the junior year of those whose major subject is mathematics. (4 hours.) Spring quarter.*

**343 (36). Algebra.**

Topics in the theory of equations: theorems about the roots of equations, Horner's and Newton's methods, the cubic and quartic equations, symmetric functions, regular polygons, the trisection problem, determinants and matrices, systems of linear equations.

*Required. Prerequisite: Mathematics 235. (4 hours.) Fall quarter.*

**344 (35). Analytic Geometry.**

Transformations upon the general second degree equation. Elementary curve fitting. Three dimensional geometry.

*Required. Prerequisite: Mathematics 343 or its equivalent. (4 hours.) Winter quarter.*

**345. Calculus.**

An extension of Mathematics 235 and 236.

*Required. Prerequisite: Mathematics 236. (4 hours.) Spring quarter.*

**439. Junior High School Mathematics.**

This course organizes the related elements of arithmetic, elementary algebra and geometry, and numerical trigonometry, and applies them to the solution of problems in science and business that are within the experience of junior high school pupils.

*Prerequisite: Mathematics 120 and 121. Required in the four-year curriculum for teachers in the upper grades. (4 hours.) Winter quarter.*

**441, 442, 443. Practice Teaching in High School Mathematics.**

*Required in the senior year of those whose major subject is mathematics. (4 hours for each course.) Every quarter.*

**446, 447, 448. Differential Equations; Advanced Calculus.**

I. Differential Equations. An introduction to the study of ordinary and partial differential equations with applications to geometry and mechanics. First half year.

II. Advanced Calculus. Second half year.

*Prerequisite: Mathematics 235, 236, 345. (4 hours for each course.) Calculus 446, fall quarter; Calculus 447, winter quarter; Calculus 448, spring quarter.*

## MUSIC

### I. Applied Music

A high degree of musicianship is an essential factor in significant music teaching, whether the vehicle of expression be a simple rote song or a complicated movement from a symphony. The serious study of applied music, in which the personal experience of re-creating great music in an artistic manner is the foremost activity, is recognized as one of the most effective means of developing good musicianship. With this purpose in mind, students who are permitted to elect music as the teaching field are required to study applied music.

For the student majoring in music, applied study must include one year of Piano, one year of Voice, and four years of study in the student's major applied field, chosen from the following: Voice, Piano, Violin, Viola, Cello, Flute, Clarinet, Oboe, Trumpet, or French Horn. In the major applied field, the student must have had at least two years of study previous to college entrance and in the senior year must make a creditable public appearance as a condition of graduation. For other minimum proficiency requirements toward graduation and for applied music requirements toward the music minors, see the music curriculum outline on page 62.

Credit in applied music is based upon performance standards and satisfactory progress as determined through individual examination, conducted at the close of each quarter by a committee of the music faculty: one quarter hour of credit for one half-hour private lesson per week plus daily practice; two quarter hours of credit for two half-hour private lessons per week plus daily practice.

**133, 134, 135.** The first, second and third quarter's work in Voice, Piano, Violin, Viola, Cello, Flute, Clarinet, Oboe, Trumpet, or French Horn.

*(1 or 2 hours.) Every quarter.*

**233, 234, 235.** The fourth, fifth, and sixth quarter's work in applied music subjects.

*(1 or 2 hours.) Every quarter.*

**343, 344, 345.** The seventh, eighth, and ninth quarter's work in applied music subjects.

*(1 or 2 hours.) Every quarter.*

**453, 454, 455.** The tenth, eleventh, and twelfth quarter's work in applied music subjects.

*(1 or 2 hours.) Every quarter.*



## II. Music and Music Education Courses

### 120. Elements of Musicianship.

Primary emphasis of the course is placed upon the musical development of the prospective teacher by means of group and individual singing, bodily movements in response to rhythms, study of elementary music theory, ear training and simple dictation, music reading, study of the elements of design in music, and acquaintance with music literature used in the appreciation phase of the elementary school music curriculum.

*Required of students in the two and four-year elementary curricula. Not open to students who have credit for Sight Singing, Ear Training, and Aural Theory. Prerequisite to Music 228. (4 hours.) Winter and spring quarters.*

### 123, 124, 125. Sight Singing, Ear Training, and Aural Theory.

An introductory course for students majoring and minoring in music which is planned to develop skill in hearing music accurately; practice in reading vocal music and the study of chords, scales, and intervals.

*(2 hours for each course.) Fall, winter, and spring quarters.*

### 126, 127, 128. Class Piano.

A beginning course, intended for students who have had no previous piano study. Stress is placed on the development of ability to play simple melodies and accompaniments, including ready sight reading. Material is selected with special reference to the needs of elementary teachers.

*(2 hours for each course.) Fall, winter, and spring quarters.*

### 228. Music in Elementary Schools.

A study of the objectives, methods and materials of music education in the elementary grades. Teaching theories and basic principles underlying the musical development of the child are discussed in class, and made clear through observation of music teaching in the Training School.

*Required of music majors and of students in the four-year elementary curriculum. Prerequisite in four-year elementary curriculum: Music 120 or 125. (4 hours.) Every quarter.*

### 229. Music Appreciation.

An enriching cultural course, open to all college students. A study is made of various types and forms of music as a means of increasing the student's enjoyment in listening to music. Many favorite selections from the great music literature are made familiar through hearing and analysis.

*(4 hours.) Fall and spring quarters.*

### 230, 231, 232. Harmony.

The principles of chord progressions are studied and practiced through analysis, singing, playing at the keyboard, and writing in staff notation. Materials used include primary and secondary triads and their inversions, seventh and ninth chords, chromatically altered

chords, modulations, and non-harmonic tones and ornamentations. The work of the course emphasizes the thorough development of functional skill in composing, arranging and improvising accompaniments, using materials and problems common to the needs of music teaching.

*Prerequisite: Music 125. (4 hours for each course.) Fall, winter, and spring quarters.*

**236, 237. Violin Technique.**

Practice is given in playing the violin as a means of attaining technical facility and an understanding of playing problems adequate for teaching pupils in public schools. Methods of group instruction are exemplified.

*(2 hours for each course.) Fall and winter quarters.*

**238. Lower Strings Technique.**

Practice is given in playing the cello and the double bass.

*(2 hours.) Spring quarter.*

**336. Woodwind Instruments Technique.**

Practice is given in playing the principal woodwind instruments of the band and orchestra.

*(2 hours.) Fall quarter.*

**337. Brass Instruments Technique.**

Practice is given in playing the principal brass instruments of the band and orchestra.

*(2 hours.) Winter quarter.*

**338. Choral Conducting.**

A practical course in conducting, including a study of baton technique and practice in effective interpretation of choral music using the class and beginning choral organizations on the campus as laboratory groups.

*(2 hours.) Spring quarter.*

**340. Music in Secondary Schools.**

The music curriculum of the junior and senior high schools is studied with special emphasis upon the organization and development of choral organizations; the selection of materials for programs, contests, and festivals; the production of operettas; the content of credit courses in music; the use of music tests.

*(4 hours.) Winter quarter.*

**347. Instrumentation.**

A study is made of the musical possibilities and limitations of the various orchestral and band instruments, and practice is given in arranging and scoring music for bands, orchestras, and small ensembles.

*Prerequisite: Music 230, 231, 232. (4 hours.) Spring quarter.*

**351, 352. History of Music.**

A study of the development of music from ancient times to the present, with emphasis on the classic, romantic, and modern periods. Much of the great music is studied through performance recordings.

*(4 hours for each course.) Fall and winter quarters.*

**353. Instrumental Music Methods.**

A comprehensive study and critical evaluation is made of materials and procedures for teaching instrumental music in the schools.  
(4 hours.) *Spring quarter.*

**441, 442, 443. Supervised Teaching of Music.**

Supervised experience in teaching the various activities of the vocal and instrumental music program in the campus elementary and secondary schools.

(4 hours for each course.) *Every quarter.*

**449. Band Conducting.**

A course dealing with the problems of band conducting. Skill is developed through practical experience with the high school band and a study of band materials suitable for elementary and advanced bands is made.

(2 hours.) *Fall quarter.*

**450. Orchestra Conducting.**

A practice course which seeks to develop effective skill in conducting orchestral groups. A thorough study is made of the problems of selecting and interpreting music appropriate for school orchestras.

(2 hours.) *Winter quarter.*

**451. Music Supervision.**

A brief survey of the development of public school music in the United States and of the reconstruction taking place in the present school music curriculum. Criteria are given for evaluating music instruction, and methods of improving the music teaching of grade teachers.

*Prerequisite: Music 228 and at least one quarter of music teaching. (2 hours.) Spring quarter.*

### III. Music Organizations

**Eastern College Choir.**

A group of fifty men and women chosen by means of voice tests. The Choir presents a Christmas program and other concerts both at the College and on tour, singing the finest sacred and secular a cappella literature. Rehearsals are held twice weekly. (1 hour credit for each quarter's work; not counted toward graduation.)

**Bel Canto Glee Club.**

An organization of experienced women singers, selected through competitive tryouts. The Club has various public performances during the year and presents an annual concert. It contributes to the social life of the College by sponsoring a spring formal dance. Rehearsals are held each week. (1 hour credit for each quarter's work; not counted toward graduation.)

**The College Men's Glee Club.**

This club is composed of men who are interested in the performance of good choral literature. Admission is based on ear, vocal, and

sight-reading requirements. This group makes several public appearances during the year. Rehearsals are one hour in length and are held twice each week. (1 hour for each quarter's work; not counted toward graduation.)

**The Women's Chorus.**

A large organization of students who gain enjoyable experience in voice study through the study of part songs and choruses. Open to all women students. Scheduled rehearsal each week. (1 hour credit for each quarter's work; not counted toward graduation.)

**The College Band.**

A marching unit during the football season and a 60-piece concert organization throughout the year, giving concerts for the student body and the public, both in Charleston and in neighboring cities. Open to all students who can qualify in playing ability. Some instruments are furnished to members by the Music Department. Two rehearsals are held each week. (1 hour credit for each quarter's work; not counted toward graduation.)

**The College Orchestra.**

A young organization rapidly approaching symphonic proportions, and playing standard orchestral works. The Orchestra provides music for the College plays and appears publicly on various occasions. Open to all students who meet the necessary requirements of playing ability. The College furnishes some instruments in order to make a balanced instrumentation possible. Two rehearsals each week. (1 hour credit for each quarter's work; not counted toward graduation.)

## PENMANSHIP

**120. Penmanship.**

The course in penmanship is designed to give the students an opportunity to improve their own handwriting, both at the desk and at the blackboard, and at the same time they are given methods of teaching for each grade. The students make individual progress charts and learn how to grade their own handwriting as well as that of the children's from various standard handwriting scales. The students who have made satisfactory progress at the end of the first six weeks may start writing for their teachers certificates. During the last six weeks, these students are given a chance to observe and to teach handwriting in the Training School. This course not only enables the students to acquire a thorough knowledge of the subject, but gives them an opportunity to complete all requirements for the teachers certificate in handwriting.

*Required in the two- and four-year elementary curricula and in the commerce curriculum. (1 hour.) Every quarter.*

**121. Manuscript Writing.**

In this course the student learns to write by this new method on paper and on the blackboard. Speed is emphasized. Methods of teaching manuscript writing are also studied.

*Elective. (1 hour.) Summer term.*

## PHYSICAL EDUCATION FOR MEN

### Required Courses

Physical Education, two hours a week for two years, is required. Students must take this work in the freshman and sophomore years. The courses consist in elementary work in the following activities:

|                |            |
|----------------|------------|
| Gymnastics     | Basketball |
| Tumbling       | Volleyball |
| Apparatus work | Golf       |
| Softball       | Tennis     |

Each year a thorough physical examination is given by the college at the beginning of the year to all students. The examining physician notes all defects, abnormalities, and weaknesses and prescribes exercise to fit the needs of the individual. A resident health director follows up all cases in need of medical attention.

Credit earned in the required courses in physical education is in addition to the 96 quarter hours required for a diploma and the 192 quarter hours required for a degree.

*Equipment.* Each student taking physical education is required to have a regulation gymnasium suit. This suit consists of a white sleeveless jersey, khaki running pants, gray sweat shirt and pants, and rubber-soled shoes. The student is required to keep these clean and in good condition.

### Required Courses for Students Majoring or Minorin in Physical Education

#### 120. Physical Education Activities.

This is an introductory course in physical education activities including volleyball, badminton, basketball, calisthenics, tumbling, simple stunts, and apparatus work. Rules, strategy, and techniques are studied and practiced in these activities.

*Required. (4 hours.) Winter quarter.*

#### 121. Physical Education Activities.

This is an introductory course in physical education activities including tennis, track, archery, baseball, soccer, golf, and softball. Rules, strategy, and techniques are studied and practiced in these activities.

*Required. (4 hours.) Spring quarter.*

#### 226, 227 (34, II and III). Physical Education Activities.

This course is a study and practice of the physical education activities for the different age levels, including elementary, junior and senior high schools. It also includes the organization, management, and methods in the leadership of the various activities.

*Required. (4 hours for each course.) Winter and spring quarters.*

#### 340. Physical Education Methods and Materials for Teaching.

This course includes methods of teaching physical education and also the collection and preparation of materials for students on the different age levels in the junior and senior high schools.

*Required. (4 hours.) Spring quarter.*

**344 (31). Kinesiology.**

This course presents the structure, location, sizes and shapes of muscles, bones, ligaments and joints. It deals with the coordination of muscle groups as related to physical activities.

*Elective. (4 hours.) Fall quarter.*

**347 (36). Basketball Coaching.**

This course deals with the professional aspect of basketball coaching. It involves offensive and defensive styles of play, fundamentals, team play, and a study of the rules including the changes in the rules.

*Required. (4 hours.) Fall quarter.*

**348 (38). Football Coaching.**

This course deals with the fundamentals of football, including blocking, tackling, passing, kicking, offensive and defensive line and backfield play and the different systems of play.

*Required. (4 hours.) Winter quarter.*

**349 (37). Track Coaching.**

This course deals with the track and field events. The technique of running and starting is studied. Form in the following events is studied: pole vault, shot, discus, high and broad jumping, javelin, and the hurdles. The rules are carefully studied.

*Elective. (4 hours.) Spring quarter.*

**350 (39). Baseball Coaching.**

The course includes the technique of batting, fielding, bunting; playing the different positions; the batting order; baseball strategy; the conduct of daily practice. Major League vs. college baseball is discussed. The rules are studied and play situations are discussed.

*Elective. (4 hours.) Winter quarter.*

**441, 442, 443. Practice Teaching in the High School and Training School.**

*Required. (4 hours for each course.) Every quarter.*

**451. Principles of Physical Education.**

This course deals with the relation of physical education to general education and the principles upon which the program of physical education is based. This course includes the standards and objectives in physical education.

*Required. (4 hours.) Fall quarter.*

**452 (44). Physical Education Administration and Supervision.**

This course deals with the program, curriculum-making, the physical education plant, finances, locker room, shower room, equipment, records, interschool relations, and intramural program.

*Required. (4 hours.) Winter quarter.*

**453. Advanced Gymnastics.**

This course is designed for those who wish to take advanced work on apparatus, tumbling, pyramid building, and mat work which will enable them to prepare students for public demonstrations.

*Elective. (4 hours.) Spring quarter.*

## PHYSICAL EDUCATION FOR WOMEN

Physical Education, two hours a week for two years, is required. Students must take this work in the freshman and sophomore years. This is in addition to the 96 quarter hours required for a diploma and to the 192 quarter hours required for a degree.

Each year a thorough physical examination is given at the beginning of the year to all students. The examining physician notes all defects, abnormalities and weaknesses and prescribes exercise to fit the needs of the individual. A resident health director follows up all cases in need of medical attention.

Regulation costumes are required. The gymnasium suit should not be purchased until notified by the instructor.

### Required Courses

The required work in Physical Education is also offered in the summer term.

#### *Freshmen*

**Sports.** Hockey, soccer, tennis. For those permitted only moderate exercise—archery or deck tennis.

*(1 hour.) Fall quarter.*

**Games.** To provide college women with recreation and healthful activity by means of games, such as basketball, volleyball and stunts.

*(1 hour.) Winter quarter.*

**Rhythm.** To provide opportunity for expression and satisfaction of bodily movement through rhythmical activities, such as folk dancing, clogging, and rhythm.

*(1 hour.) Winter quarter.*

**Sports.** Baseball, tennis, hockey. For those permitted only moderate exercise—archery or deck tennis.

*(1 hour.) Spring quarter.*

#### *Sophomores*

**Sports.** Hockey, soccer, tennis. For those permitted only moderate exercise—archery or deck tennis.

*(1 hour.) Fall quarter.*

**Rhythm Work for the Lower Grades.** This course is required of all students planning to teach in the lower grades. The purpose of the course is to give instruction in the choice, use, and presentation of rhythmic activities used in the lower grades and to provide opportunity to teach the same.

*(1 hour.) Winter and spring quarters.*

**Games for the Lower Grades.** This course is required of all students planning to teach in the lower grades. The purpose of the course is to give instruction in the choice, use, and presentation

of games used in the lower grades and to provide opportunity to teach the same.

*(1 hour.) Winter and spring quarters.*

**Rhythm for the Upper Grades.** This course is required of all students planning to teach in the upper grades. The purpose is to give instruction in the choice, use, and presentation of folk dances and rhythmic activities used in the upper grades and to give opportunity to teach the same.

*(1 hour.) Winter and spring quarters.*

**Games for the Upper Grades.** This course is required of all students planning to teach in the upper grades. The purpose is to give instruction in the choice, use, and presentation of games for the upper grades and to give opportunity to teach the same.

*(1 hour.) Winter and spring quarters.*

## **Requirements for a Minor in Physical Education for Women**

### **231. Methods of Teaching Games.**

This course deals with the theory and technique of teaching team sports, individual sports, and recreational activities in the elementary school.

*(4 hours.) Summer term.*

### **232. Methods of Teaching Games.**

This course deals with the theory and technique of teaching team sports, individual sports, and recreational activities in the high school.

*(4 hours.) Summer term.*

### **343. Technique of Baseball and Tennis.**

Instruction and practice in the fundamentals of these sports designed to develop the necessary motor skills and a knowledge of the rules preparatory to teaching them.

*(4 hours.) Spring quarter.*

### **346. The Dance in Education.**

Fundamentals in rhythmic education; the teaching of dancing in the public school physical education program. This course is accompanied by rhythmic form and analysis and includes folk dancing, tap, and social dancing.

*Required. (4 hours.) Winter quarter.*

### **450. Technique of Basketball and Volley Ball.**

Instruction and practice in the fundamentals of these sports designed to develop the necessary motor skills and a knowledge of the rules preparatory to teaching them.

*(4 hours.) Winter quarter.*

### **451. Principles of Physical Education.**

The relation of physical education to general education; the guiding principles upon which the program of physical education is based. The student groups set up definite situations for which they build physical education curricula for elementary and secondary schools.

*Required. (4 hours.) Spring quarter.*



**454. Technique of Archery, Soccer, Field Ball, and Speed Ball.**

Instruction and practice in the fundamentals of these sports designed to develop the necessary motor skills and a knowledge of rules preparatory to teaching them.

(4 hours.) *Fall quarter.*

**BIOLOGICAL SCIENCE****I. Hygiene and Human Physiology****120. Hygiene and Sanitation.**

The first half of the course considers health factors (environment, living habits, heredity), nutrition, the muscular, excretory, and nervous systems, and the ductless glands.

The second part takes up bacteria and the resistance of the body to them, immunity to disease, water and water purification, sewage disposal, ventilation, food preservation, and health departments.

*Required in all curricula. (4 hours.) Every quarter.*

**345. Physiology.**

A study of the basic physiological principles is followed by experimental studies of muscle nerve complexes, circulation, respiration, and digestion.

*Prerequisite: Anatomy 225. Required in the physical education curriculum. Elective in others. (4 hours.) Winter quarter.*

**346. Physiology.**

A continuation of the foregoing course in which studies are made of the organs of internal secretion, of excretion, and of the nervous systems and organs of special sense.

*Prerequisite: Physiology 345. Elective in the physical education curriculum. (4 hours.) Spring quarter.*

**II. Botany**

Botany 120, 121, 122 has been designed first as a contribution to the general education of a student who does not take further courses in the biological sciences. A definite attempt is made to develop the ability to make accurate observations and to evaluate critically first-hand data in the solving of problems; to understand environment and its effect upon living organisms; to know the important groups of plants in his community and to be able to identify many species; and to use the laboratory tools and to attain some proficiency with the technics of a science laboratory.

These courses are equally fundamental for those who major or minor in botany or zoology, for those who continue in graduate work, and for those who wish the experience of a year of laboratory science that is of value after graduation.

**120. General 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 on these processes and structures.

*Required in the two-year curriculum, unless Zoology 123 (or 120) or Botany 121 or 122 is taken. Elective in other curricula. (4 hours.) Fall and winter quarters.*

#### **121. General 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.

*Prerequisite: Botany 120. Elective. (4 hours.) Winter and summer quarters.*

#### **122. 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 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 120, 121, or permission of the instructor. Elective. (4 hours.) Spring and summer quarters.*

#### **123. Dendrology and Wood Anatomy.**

This course includes a study of the chemical and physical processes concerned in the formation of cell walls in plants; the development of various types of stems; the distribution of commercial woods; trees in winter and summer condition; the microscopic study of the woods used in the industrial arts.

*Required in the freshman year of the industrial arts curriculum. (4 hours.) Winter quarter.*

#### **230. The Morphology of Green Plants.**

A study of the vegetative and reproductive structures of the green plants and a comparative study of the typical life histories of the great groups. The course consists mostly of laboratory work.

*Prerequisite: Botany 120, 121. Elective. (4 hours.) Fall quarter.*

#### **231. Introduction to Fungi and Plant Diseases.**

The structure, life histories, and physiology of the groups of fungi and their relation to decay, fermentation, and the important plant diseases.

*Prerequisite: Botany 120, 121. Elective. (4 hours.) Winter quarter.*

#### **232. Economic Botany.**

The relation of vegetation centers to crop centers; the effect of environment factors on the production of carbohydrates, fats, fibers, and other plant products; the value of micro-organisms in the important economic practices carried on by their use; the control of the life processes of plants with special reference to the cultural practices in the arts of agriculture and in industry. This is not a laboratory course, but some field trips are required.

*Prerequisite: Botany 120, 121. Elective. (4 hours.) Spring quarter.*

**235. Microbiology.**

A study of the occurrence, numbers, and distribution of the bacteria and other fungi; the culture and isolation of bacteria and other fungi; the microbiology of foods, water, and sewage; the economic uses of the activity of micro-organisms.

*Prerequisite: Botany 120 and one year of chemistry. Required of home economics majors and open to other students of junior or senior standing. It is a desirable unit in a botany minor. (4 hours.) Fall quarter.*

**340. Methods in High-School Botany.**

The course includes methods of teaching high-school botany and also the collection and preparation of material for demonstration and laboratory in high-school botany.

*Prerequisite: Two years' work in college botany. Required in the junior year in the four-year curriculum in botany. (4 hours.) Spring quarter.*

**343. Microtechnic.**

A course designed for the purpose of giving the student a knowledge of the preparation of botanical material for class use and for the making of microscopic slides. It is desirable that students in this course shall have had a year of chemistry.

*Prerequisite: Botany 120, 121, 122, and 230, or the equivalent. Elective. (4 hours.) Winter quarter.*

**344. Experimental Plant Physiology.**

A qualitative and quantitative study of the experiments demonstrating the chemical and physical processes that result in the growth of plants and the application of this knowledge in solving problems in the growth of plants.

*Prerequisite: One year of chemistry and Botany 120, 121. Elective. (4 hours.) Fall quarter.*

**345. Advanced Botany.**

This is designed to meet the needs of individual students who wish to do advanced work in some special field of botany. The student may choose the work he wishes to do, but is required to consult the instructor before registering.

*Prerequisite: Botany 120, 121, 122, 230, and 343. Elective. (4 hours.) Any quarter, by permission.*

**441, 442, 443. Practice Teaching in High-School Botany.**

*Prerequisite: Botany 340. Required in the senior year in the four-year curriculum in botany unless Zoology 441 is substituted. (4 hours for each course.) Every quarter.*

**446. Plant Anatomy and Wood Identification.**

A critical study of the development of the tissues of the leaves, stems, and roots of the seed plants; their common ecological variations and hereditary types. A study is made of the structure of the

wood of trees with special reference to the anatomy necessary for wood identification.

*Prerequisite: Botany 120, 121, 122. (4 hours.) Spring quarter.*

### III. Zoology

The courses offered in the zoology department are designed to serve three general purposes: (1) to enable students to develop a well-rounded knowledge of the field of zoology, sufficient to meet the requirements of a major or minor subject; (2) to give a knowledge of materials and methods for the teaching of science in the elementary school as well as in the high school; (3) to enable the student to fulfill the requirement of a year of laboratory science.

Zoology 120, 121, 122 form a year's work which has several definite aims. The introduction and use of the scientific method is stressed, and an effort is made to install it as a part of the student's mental habits. A survey of all the varied fields of zoology is given in these courses and emphasis is placed on those fundamental principles which may be directly applied to the student's own life. The importance of the knowledge of certain general principles to the solution of some of our social problems is advanced. Finally, a knowledge is given of those animals which are found in our environment and which may merely hold our attention or seriously affect our economic status.

The remaining courses in the department are designed to give a more detailed knowledge of the field of zoology to those who desire to make it a major or minor field of study. This enables them to teach the subject or to continue in graduate work.

#### 120. Animal Biology.

A consideration of fundamental biological principles based upon animal material. This course forms the first quarter of the first year course in zoology. The structure of cells, tissues, and organs, together with their functions, is considered.

*Elective. (4 hours.) Fall and summer quarters.*

#### 121. Animal Biology.

This course is concerned with the various types of reproduction in animals and with genetics and eugenics.

*Prerequisite: Zoology 120 or equivalent. Elective. (4 hours.) Winter and alternate summer quarters.*

#### 122. Animal Biology.

A study of the structure and habits of the animals of the various divisions of the animal kingdom. Their ecology, geographic distribution, and evolution are considered.

*Elective. (4 hours.) Spring and summer quarters.*

Students enrolled in this course must either buy or rent a set of dissecting instruments.

#### 123. Nature Study.

This course is designed to meet the biology requirement of the two-year curriculum. Its aim is to give a background for the teaching of nature study in the grades. It replaces the former requirement of

**Zoology 120.** The course includes a study of the fundamental life processes and of the identification of birds and insects. It is not accepted for Zoology 121 or 122 toward a laboratory science requirement.

*Required in the freshman year of the two-year curriculum unless Botany 120 is taken. Accepted for Zoology 120. (4 hours.) Fall quarter.*

**124. Nature Study.**

A course in bird study. The aim of the course is to familiarize the student with birds in the field. Recognition of birds, a study of their nesting habits, food habits, and economic importance make up the subject matter of the course. Much of the work is done in the field.

*Accepted for required science in the elementary curriculum, or as an elective in the sophomore year of the elementary curriculum. (4 hours.) Summer term.*

**125. Nature Study.**

A study of the insects which are common in the local environment. Means of recognition, life-history studies, and control measures are stressed. The insects of the fields, woods, and waters are studied as well as those found on the various farm crops. Much of the work is done in the field.

*Accepted for required science in the elementary curriculum, or as an elective in the sophomore year of the elementary curriculum. (4 hours.) Summer term.*

**225. Anatomy.**

Bodily structure is first studied by systems, followed by consideration of regions to establish the relationship among the systems. Particular attention is given to muscles, their names, origin, insertion, action, blood and nerve supply, with the specific object of providing a basis for the understanding of general body movements.

*Required in the physical education curriculum. Elective in others. (4 hours.) Fall quarter.*

**230, 231, 232. Vertebrate Zoology.**

A study of the anatomy, classification, and habits of various classes of vertebrates. Zoology 230 deals with fishes; Zoology 231, with amphibians and reptiles; Zoology 232, with birds and mammals.

*Prerequisite: Zoology 120, 121. Elective. (4 hours for each course.) Zoology 230, fall quarter; Zoology 231, winter quarter; Zoology 232, spring quarter.*

**340. Methods in High-School Zoology.**

This course includes methods of teaching zoology and also the collection and preparation of material for demonstration and laboratory in high-school zoology.

A short course in the principles of organic chemistry.

*Required in the junior year in the four-year curriculum in zoology. (4 hours.) Spring quarter.*

**343, 344, 345. Advanced Zoology.**

A study of insects. Deals with the classification and ecology of this large and important class. Methods of collection and preparation of specimens are studied. It prepares for teaching biological science in the upper grades or high school.

*Prerequisite: Zoology 120, 121. Elective. (4 hours for each course.) Zoology 343, fall quarter; Zoology 344, winter quarter; Zoology 345, spring quarter.*

**441, 442, 443. Practice Teaching in High-School Zoology.**

*Prerequisite: Zoology 340. Required in the senior year in the four-year curriculum in zoology unless Botany 441 is substituted. (4 hours each course.) Every quarter.*

**446. Microtechnic.**

Methods and practice in the preparation of microscopic slides of animal tissues. Some histological studies are included.

*Prerequisite: Two years of zoology and permission of the instructor. (4 hours.) Any quarter.*

**447. Animal Behavior.**

Theoretical and experimental studies of the reactions of animals to various stimuli.

*Prerequisite: Two years of zoology and permission of the instructor. (4 hours.) Omitted 1939-40.*

**448. Animal Ecology.**

A study of various animal associations and the effects of environmental conditions.

*Prerequisite: Two years of zoology and permission of the instructor. (4 hours.) Omitted 1939-40.*

**449. Special Problems in Zoology.**

Students who have had three years' work in zoology may elect this course. With the consent of the instructor a problem which is of interest to the student is selected to give training in original work in the field of zoology. Weekly conferences with the instructor guide the student and a written report of the work is required at the end of the quarter.

*Prerequisite: Three years of work in zoology. Any quarter, with the consent of the instructor.*

## IV. Biology

The year's work is an integrated course covering the fundamentals of botany and zoology. The course is planned to acquaint the student, who presumably will take only one year of biological science, with the basic principles of that science. The course is organized on the premise that a course emphasizing living processes in general, interdependence of living things, life histories, economic importance, etc., will be of far more value to students who are not majoring in the biological sciences than a necessarily more narrow course in either botany or zoology. The definite aims considered in the organization of the course prevent

biology from becoming a chaotic or confusing body of information, and in the year's work much is done in developing a scientific attitude in the solution of problems.

Plant and animal structures and modifications are studied. This is followed by a study of the metabolic processes in which consideration is given to the food and energy relations of living things. Reproduction, the laws of heredity, and embryology are the next units considered. Then follows a study and general survey of the great groups of the plant and animal kingdoms. The year's course in biology is made more vital and interesting to the student by field trips, in which are studied local flora and fauna, sewage disposal, and water filtration as well as other biological factors which directly influence the lives of people living in an organized society.

#### 126, 127, 128. General Biological Science.

An integrated course covering the fundamentals of botany and zoology. Local flora and fauna are studied in the fall, followed by surveys of the large plant and animal groups. The cell is considered as the unit of living things.

The structure, modification, and function of cells are studied. This is followed by a consideration of the physical and chemical properties of the food and energy relations of living things. Cell division, reproduction, and the laws of heredity are the next units discussed. Then follows a study of the spring forms found in the local flora and fauna.

*Required in the four-year elementary curriculum. Elective as a year of laboratory science in any four-year curriculum. Does not count as a part of a minor in botany or zoology. (4 hours for each course.) Biology 126, fall quarter; Biology 127, winter quarter; Biology 128, spring quarter.*

## PHYSICAL SCIENCE

### I. Chemistry

Note: Four-year-sequences are offered: 1. General inorganic chemistry and introduction to qualitative analysis (130, 131, 132). 2. Qualitative and quantitative analysis (233, 234, 235). 3. Organic chemistry (343, 344, 345). 4. Physical chemistry (446, 447, 448).

Those for whom chemistry is the minor subject should take Chemistry 233, 234, and 235 for the second year's work if they expect to teach high-school chemistry. Chemistry 450, or 451, or 452 (one quarter) is required of chemistry majors. Chemistry 210, 211, 212 are required of those majoring in home economics.

Chemistry 130, 131, and 132 are designed as a year's work in laboratory science for both the students who will take no more science and the ones who go on. This work is basic to all other chemistry courses and for anyone who seeks knowledge in the fields of biological or medical science. It is also very important to anyone wishing to understand something of the tremendously important part chemistry plays in our modern economic and social system.

**130. General Inorganic Chemistry.**

Matter and energy; elements, compounds, and mixtures; studies of oxygen, hydrogen, water; fundamental laws and theories of chemistry; symbols, formulas, equations, equilibrium; solutions, ionization, chlorine and its compounds; the balancing of equations in metathetic reactions and in oxidation-reduction reactions.

*(4 hours.) Fall quarter.*

**131. Inorganic Chemistry.**

The halogens, structure of atoms and the periodic law, isotopes; determination of molecular and atomic weights; nitrogen and its compounds; sulfur and its compounds; phosphorus, arsenic, antimony; carbon and its oxides.

*Prerequisite: Chemistry 130. (4 hours.) Winter quarter.*

**132. Inorganic Chemistry.**

A continuation of Chemistry 131. The metals and an introduction to the qualitative analysis of the metals.

*Prerequisite: Chemistry 130, 131. (4 hours.) Spring quarter.*

**210, 211a. Organic Chemistry for Home Economics Majors.**

A short course in organic chemistry covering the basic principles and the more important compounds. Introductory to biochemistry.

*Prerequisite: Chemistry 130, 131, 132. Required of students in home economics curriculum. (6 hours.) Fall and winter quarters.*

**211b, 212. Biochemistry.**

The organic chemistry and biochemistry of foods, digestion, and other phenomena related to nutrition.

*Prerequisite: Chemistry 210 and 211a or 343 and 344. Required of students in the home economics curriculum. (6 hours.) Winter and spring quarters.*

**233. Qualitative Analysis.**

The chemistry of the metals and the principles involved in their separation and determination.

*Prerequisite: Chemistry 130, 131, 132, and Physics 130 (or simultaneous registration for the latter.) (4 hours.) Fall quarter.*

**234a. Qualitative Analysis.**

The non-metals.

**234b. Quantitative Analysis.**

Calibration of apparatus and an introduction to volumetric analysis.

*Prerequisite: Chemistry 233. (4 hours.) Winter quarter.*

**235. Quantitative Analysis.**

Continuation of Chemistry 234b and gravimetric analysis.

*Prerequisite: Chemistry 234. (4 hours.) Spring quarter.*

**300. Photography.**

An elementary treatment of the chemistry of the photographic process. The technique of handling photographic materials—developing, printing, enlarging, making lantern slides.



*Prerequisite: Chemistry 130, 131, 132. Physics 132 is helpful but not required. (4 hours.) Winter quarter.*

**340. The Teaching of Chemistry.**

*Required in the junior year in the four-year curriculum in chemistry. (4 hours.) Spring quarter.*

**343, 344, 345. Organic Chemistry.**

A study of the aliphatic and aromatic series and the principles of organic chemistry.

*Prerequisite: Chemistry 130, 131, 132. (4 hours for each course.) Fall, winter, and spring quarters.*

**441, 442, 443. Practice Teaching in Chemistry.**

*Required in the senior year in the four-year curriculum in chemistry. (4 hours for each course.) Every quarter.*

**446, 447, 448. Physical Chemistry.**

A study of fundamental physical properties governing chemical reaction.

*Prerequisite: Chemistry 233, 234, 235; Physics 130, 131, 132; Mathematics 130. (Mathematics 235, 236, 345 is desirable.) Chemistry 343, 344, 345 is desirable but not necessary. (4 hours for each course.) Omitted 1939-40.*

**450, 451, 452. Advanced Chemistry.**

Laboratory technique, maintenance and repair of apparatus such as that found in the average high-school laboratory, and use of the literature of chemistry are developed in the student by means of a simple research problem. The student is expected to choose the type of work in which he is most interested after consulting with the instructor. One quarter's work is required of all chemistry majors.

*Prerequisite: Senior College classification and Physics 130, 131, 132. (4 hours for each course.) Any quarter, by permission.*

## II. Physics

The first year in Physics is planned to give the whole field of Physics in perspective. It is to serve as the ground work for Physics majors and minors by giving a first acquaintance to all departments of the field, thus preparing for the more specialized work to follow. It is also planned to meet the needs of students who wish to take it as the required course in laboratory science for its general cultural value. An effort is made to interpret physical environment in terms of general laws so that one can understand natural phenomena in an ordered fashion. Also an appreciation for scientific method is emphasized in order to give impetus to clear and unprejudiced thinking.

**130, 131, 132. First Year of College Physics.**

Physics 130, mechanics and heat; Physics 131, magnetism and electricity; Physics 132, light and sound.

*(4 hours for each course.) Physics 130, fall quarter; Physics 131, winter quarter; Physics 132, spring quarter.*

**235. Mechanics and Heat.**

Second year experiments with Atwood's machine, elastic and inelastic impact, simple harmonic motion; Boyle's and Charles's Law, vapor pressure, mechanical equivalent of heat.

**236. Light.**

Second year experiments with lenses and mirrors, prism and grating spectroscopy, Michelson interferometer and polarization phenomena.

**237. Modern Physics.**

Second year experiments with radio-activity, discharge tubes, vacuum tubes, photo-electricity, thermo-couples, X-rays.

*Prerequisite: Physics 130, 131, 132. (4 hours for each course.) Physics 235, winter quarter; Physics 236, fall quarter; Physics 237, spring quarter.*

**238. Sound.**

Physical principles of production and control of sound. The applications of principles to music and musical instruments. Hearing. A brief introduction to architectural acoustics. A summary of modern methods of analysis. Class and laboratory. Most of the laboratory time will be devoted to demonstrations and group projects.

*Prerequisite: General physics or music. (4 hours.) Summer term.*

**322. Household Physics.**

This course is especially designed for Home Economics students. Principles of heat, mechanics, electricity and light as applied in the home. A considerable part of the laboratory work deals with household appliances.

*Required of students in the home economics curriculum. (4 hours.) Spring quarter.*

**343. Radio.**

A study is made of the principles underlying radio communication. The course includes a study of some typical circuits used in receiving sets and a detailed study of the function of inductance, capacitance, and resistance in electric circuits. Types of vacuum tubes are discussed.

In the laboratory, electrical measurements of parts and assembled units are made. This includes taking characteristic curves of vacuum tubes.

*Prerequisite: Physics 131. (4 hours.) Summer term.*

**340, 441, 442, 443. Methods and Practice Teaching in Physics.**

*Required in the junior and senior years in the four-year curriculum in physics. (4 hours for each course.) Physics 340, spring quarter of junior year; Physics 441, 442, and 443, (senior year), every quarter.*

**344. Electrical Measurements.**

A laboratory course with experiments on high precision measurements. Potentiometer measurement of potential, current and resistance. Ballistic galvanometer measurements of quantity and capacity.

Alternating current bridge. Electro-chemical measurements. Magnetization and hysteresis measurement. Insulation resistance measurement.

*Prerequisite: Physics 131. (4 hours.) Summer term.*

### **348. Mechanics, Theory.**

A standard elementary course in theoretical mechanics. Studies of forces acting on a body; vectors; the laws of motion as applied to physical bodies; moment of inertia; momentum; energy.

*Prerequisite: Physics 130 and trigonometry. (4 hours.) Fall quarter.*

### **349. Heat, Theory.**

Thermometry, expansion of solids, liquids, and gases. The general gas laws and the kinetic theory. Introduction to thermodynamics.

*Prerequisite: Physics 130. (4 hours.) Winter quarter.*

### **450. Electricity and Magnetism, Theory.**

Magnets and the magnetic field; the electric field; direct current and magnetic field; alternating current and phase relations; units.

*Prerequisite: Physics 130 and trigonometry. (4 hours.) Spring quarter.*

### **451. Light, Theory.**

A brief review of geometrical optics. Phenomena of light studied in terms of physical optics (light as a wave motion). Optical instruments; spectrometry; interference; and polarized light.

*Prerequisite: Physics 132 and trigonometry. (4 hours.) Omitted 1939-40.*

### **452, 453. Modern Physics.**

A survey of basic experiments and theories of modern physics. Radio-activity; discharge of electricity through gases; X-rays; photo-electricity; the structure of matter and the periodic table; matter and radiation.

*Prerequisite: Physics 130, 131, 132, and trigonometry. (4 hours for each course.) Omitted 1939-40.*

## **SOCIAL SCIENCE**

*Requirements for a major:* Social Science 137, 138, 139; 233, 234, 235; 346, 347, 348; and Social Science 354, 355, 363 or 364, 365; 454, 455 and 340; 441, 442, 443.

*Requirements for a minor:* Social Science 233, 234, 235; and 346, 347, 348, or Social Science 363, 364, 365 or 354, 355, 356.

### **137. Greek Civilization.**

This course includes a brief survey of the civilizations of the Nile, Tigris, and the Euphrates valleys. The chief emphasis is on the early Greek settlements, their colonial expansion, the development of their economic and political institutions, their cultural life, and their contributions to the development of civilization.

*(4 hours.) Fall quarter.*

**138. Roman History.**

The early life of the Romans and the development of the institutions of the republic; the expansion of the Roman powers; the development of the empire. Special attention is given to the development of political institutions and of the Roman law.

*(4 hours.) Winter quarter.*

**139. Medieval Europe, 500 to 1500 A.D.**

The break-up of the Roman Empire and the Barbarian Invasions; the development and significance of the Church; the development of the feudal organization of society; the crusading movement; the development of town life; the development of strong states; the Renaissance.

*(4 hours.) Spring quarter.*

**233. History of the United States, 1492-1824.**

A brief survey of American exploration and colonization against the European background, with a more intensive study of the formation of the Union and the foundation of traditional American policies.

*(4 hours.) Fall quarter.*

**234. History of the United States, 1824-1876.**

Jacksonian Democracy and the beginnings of the modern pattern of political action; sectionalism and the westward movement; the Civil War and its aftermath.

*(4 hours.) Winter quarter.*

**235. History of the United States, 1876 to the Present.**

Development of industrial America and origins of present-day social and economic problems: movements for liberal reform; the World War and post-war problems, ending with an attempt to evaluate the New Deal.

*(4 hours.) Spring quarter.*

**330. Modern Economic Problems.**

The nature and varieties of economic behavior. The important concepts of the subject are business organization and accounting, the individual business man and the corporation, the control of corporations, capitalism, production, distribution and consumption, price theory and market tactics, competition, conditions and the significance of imperfect competition, the problems of labor and wages, the economic position of the farmer, standards of living and our economic behavior, and the government and business.

*Required of all Industrial Arts and Home Economics majors. (4 hours.) Fall quarter, Industrial Arts majors; winter quarter, Home Economics majors.*

**340. Methods.**

The characteristics of the social sciences and their place in the public school curriculum; training in methods of study; kinds and use of illustrative material; selection and use of collateral reading; critical examination of representative textbooks; examination and appraisal of classroom procedures.

*Required in the junior year of those whose major subject is the social sciences. (4 hours.) Spring quarter.*

**343. The History of England to 1603.**

Early settlement of the British Isles; Roman occupation; Anglo-Saxon civilization; the early Church; the Norman Conquest and relations with France; the development of the common law and Parliament; the development of the Church and the separation of the Anglican Church; English art and literature.

*Elective. (4 hours.) Fall quarter.*

**344. The History of England, 1603-1830.**

Discovery and colonial expansion and the founding of the British Empire; the constitutional struggles and the supremacy of Parliament; the commercial, agricultural, and industrial revolutions; the literature and science of the period; the long struggle with France for colonial supremacy.

*Elective. (4 hours.) Winter quarter.*

**345. The History of the British Empire, 1830 to the Present.**

The reformation of Parliament; the development of industry and commerce and trade rivalry; development of scientific thought; the World War and its consequences.

*Elective. (4 hours.) Spring quarter.*

**346. History of Europe, 1500-1789.**

The New World, colonization and trade rivalry; the Reformation and revolt from the Church; the predominance of Spain; the rise of France and the long struggle between France and the Hapsburgs and between France and England; the development of the British Empire; the rise of Prussia and Russia; the Intellectual Revolution.

*(4 hours.) Fall quarter.*

**347. History of Europe, 1789-1871.**

The French Revolution and the era of Napoleon; the Industrial Revolution; the revolutionary movements in Europe; the unification of Italy and of Germany; the rapid expansion of commerce; the increasing prominence of India, China, and Japan, the development of science and education.

*(4 hours.) Winter quarter.*

**348. History of Europe, 1871 to the Present.**

The development of nationalism; commercial and colonial rivalry and military and naval rivalry; the Triple Alliance, the Triple Entente; the causes of the World War and the revolution in the methods of warfare; the treaties of peace and the League of Nations; the revolutionary movements since the World War.

*(4 hours.) Spring quarter.*

**354. Principles of Economics.**

Basic characteristics of the economic order; free private enterprise and capitalistic organization of industry; the operation of the existing economic order; price as influenced by competition, cost of production, monopoly, and public authority.

*Required of seniors in the home economics curriculum. Elective. (4 hours.) Fall quarter.*

**355. Principles of Economics, Continued.**

The business cycle, determination of the price level; position of the consumer; the labor bargain and the labor problem; the reward of capital and of business enterprise; the support of the state; international economic policies; monetary and financial problems.

*Prerequisite: Economics 354. (4 hours.) Winter quarter.*

**356. Money and Banking.**

Money, currency, and credit; functions and qualities of money; banks, kinds of banks, their organization and functions; the Federal Reserve system and its functions; bank credit, the problem of its control; theories of value and prices; international connection of prices; the problem of the control of the price level.

*Prerequisite: Economics 354, 355. (4 hours.) Spring quarter.*

**363. State Government.**

A study of the structure and functions of the government of the state. The course directs attention particularly to the government of Illinois. The obligations of good citizenship are stressed. The Constitution of Illinois is examined in detail. Suggestions concerning the technique of teaching government in high school are included in all the government courses offered in the college. Students are made familiar with desirable illustrative material and choice collateral reading.

*(4 hours.) Fall and summer quarters.*

**364. Local Government.**

A study of the structure and functions of the government of the political subdivisions of the State. About one half of the course is devoted to city government, and one half to the government of the county, township, and other local units. The governments of typical cities, townships, and counties of Illinois are studied in detail. The obligations of good citizenship are stressed, with particular attention to the responsibilities of the teacher to his community.

*(4 hours.) Winter and summer quarters.*

**365. The National Government.**

A study of the structure and functions of the national government of the United States, with particular attention paid to federal-state relationships. The development of federal institutions is traced. The Constitution of the United States is examined in detail. The obligations of federal citizenship are stressed.

*(4 hours.) Spring and summer quarters.*

**366. Political Parties and Politics.**

A study of the development, organization, and functions of political parties in the United States. The significance of the political party, from local community to nation, is examined. The practical workings of political groups are studied, together with suggestions for desirable reforms and an examination of the part the individual citizen can play in securing these reforms.

*(4 hours.) Omitted 1939-40.*

**367. International Relations of the United States.**

A study of the place of the United States in the world community with particular attention to the methods and policies of the United States in dealing with foreign nations. The development of the machinery and spirit of international cooperation is traced.

*(4 hours.) Omitted 1939-40.*

**441, 442, 443. Practice Teaching in High School under Critical Supervision.**

*Required in the senior year of those whose major subject is the social sciences. (4 hours for each course.) Every quarter.*

**453. The Community and Society.**

The contemporary community as the unit of social study, the bases of community life, types of communities, of activities, of organization, of government, and of maladjustments; community planning; relations of the community to society as a whole.

*Required of seniors in the home economics curriculum. (4 hours.) Fall quarter.*

**454. Principles of Sociology.**

Social relations and institutions, society as communication, competitive cooperation and functional patterns, spatial structure of society, social change, social disorganization, the person in relation to culture and the social organization, social control, and social reform.

*(4 hours.) Winter quarter.*

**455. Social Problems and Social Trends.**

The nature of social problems; the problem of adjustment to external nature; population problems; problem of the distribution of wealth and income; health and physical welfare; control and care of defectives; the family and child welfare; crime; the meaning and agencies of social control.

*(4 hours.) Spring quarter.*

## SPEECH

Requirements for a minor in Speech: Speech 130, 132, 233, 331 (31), 345, 444.

**130. Fundamentals of Speech.**

This course is designed to serve the student in the light of individual needs. Content, language, voice, and action are emphasized in practical speech situations.

*Required. (4 hours.) Fall quarter.*

**131. Dramatics for Elementary Grades.**

This course presents dramatics as educational devices for children. The advantages of dramatizing literature, history, and other subjects are taught. The problem of choice of plays is presented.

*Required. (4 hours.) Winter quarter.*

**132. Voice and Diction.**

Instruction and practice in breathing, tone production, and enunciation. Training in perception and mastery of speech differences.

*Required. (4 hours.) Spring quarter.*

**233. Principles of Speech Correction.**

Designed to give the student a practical knowledge of the various kinds of speech defects and their treatment. The individual psychology of the speech-handicapped person is emphasized.

*Required. (4 hours.) Fall quarter.*

**234. Advanced Principles of Speech Correction.**

*Required. Prerequisite: Speech 233. (4 hours.) Winter quarter.*

**235. Choric Speech.**

A study of the technique employed in choric recitation of verse and prose. Attention is given to the social and artistic implications. The class engages in group speaking.

*Required. (4 hours.) Spring quarter.*

**331 (31). Argumentation and Debate.**

Principles and participation in class debates on subjects of current interest.

*Required. (4 hours.) Omitted 1939-40.*

**345. Public Speaking.**

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. Required or alternative with English 344 in the junior year in all curricula. (4 hours.) Every quarter.*

**346 (45). Evolution of Oratory.**

Present-day English and American public speaking are studied as an outgrowth of the past. Analyses are made of various types of model speeches at different periods, with emphasis on the present. Students are given practice in composing and delivering original orations.

*Required. (4 hours.) Omitted 1939-40.*

**435. Oral Reading.**

Designed to stimulate students to intelligent interpretation and oral reading of poetry and prose. A basis for judging the oral reading of others is developed. Most of the class time is devoted to student practice.

*Required. (4 hours.) Spring quarter.*

**441, 442, 443. Practice Teaching in High School under Critical Supervision.**

*Required in the senior year of students who are majoring in Speech. (4 hours for each course.) Every quarter.*



**444. Play Production.**

The student receives instruction and practical experience in the technique of dramatics, including acting, stagecraft, theatre organization, and directing.

*Required. (4 hours.) Fall quarter.*

**445. Advanced Play Production.**

Advanced technical studies and experience in stagecraft and directing.

*Required. (4 hours.) Winter quarter.*

## **PICTORIAL SECTION**

## ILLUSTRATIONS

**First: Portal of Administration Building**

**Second: Winter on the Campus**

**Third: (Top) Practical Arts Building; (Bottom) Pemberton  
Hall, Women's Dormitory**

**Fourth: Health Education Building, Foreground; New Science  
Building**

**Fifth: Entrance to New Health Education Building**

**Sixth: (Top) Introducing Mrs. Roosevelt for Entertainment  
Course Lecture; (Bottom) The Homecoming Queen**

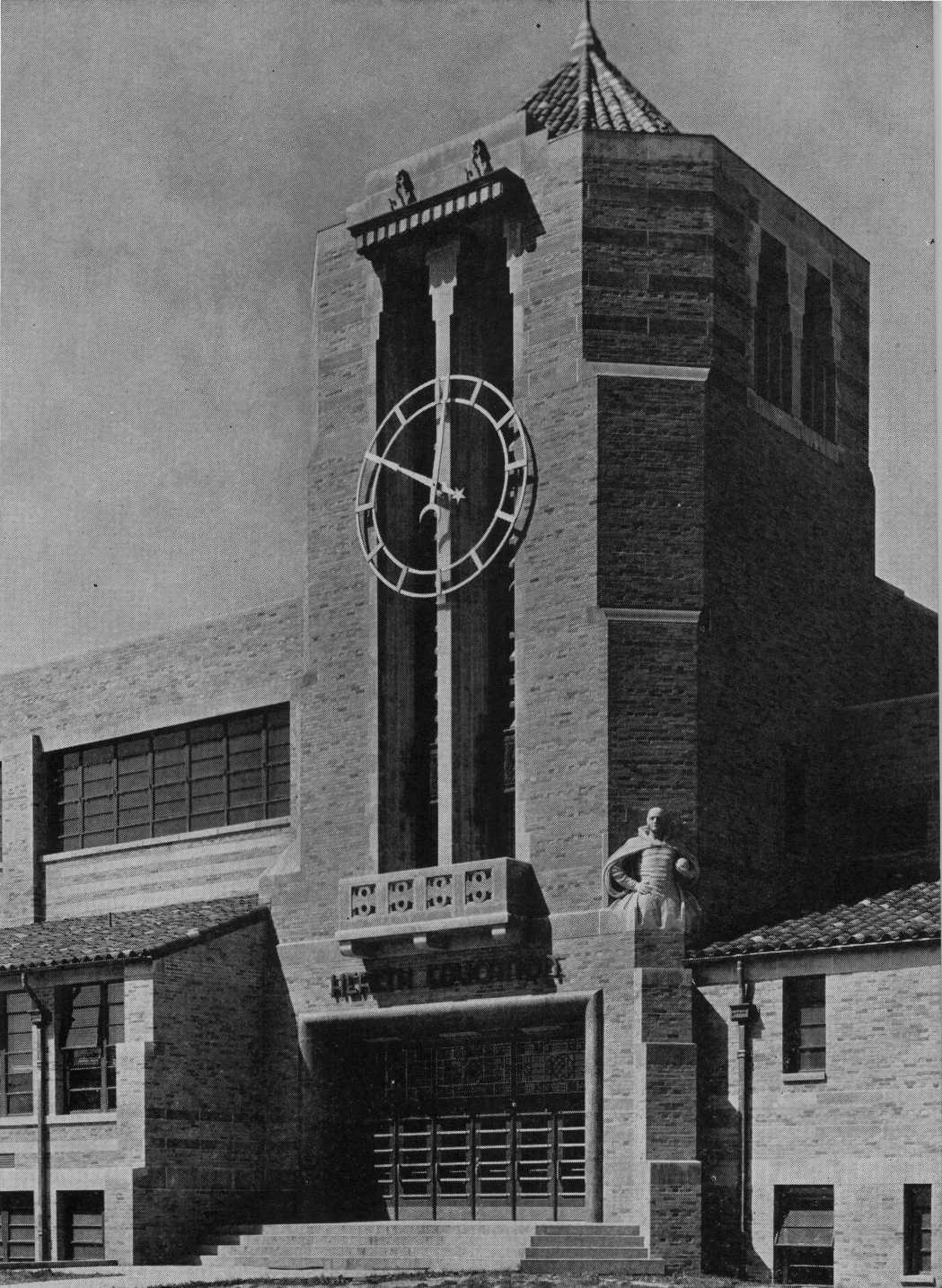
**Seventh: (Top) A Stroll through the Iris Garden between  
Classes; (Bottom) Student Teaching in the Campus  
Training School**

**Eighth: (Top) Wooded Corner on South Campus; (Bottom)  
Commencement Address by Dr. Preston Bradley**









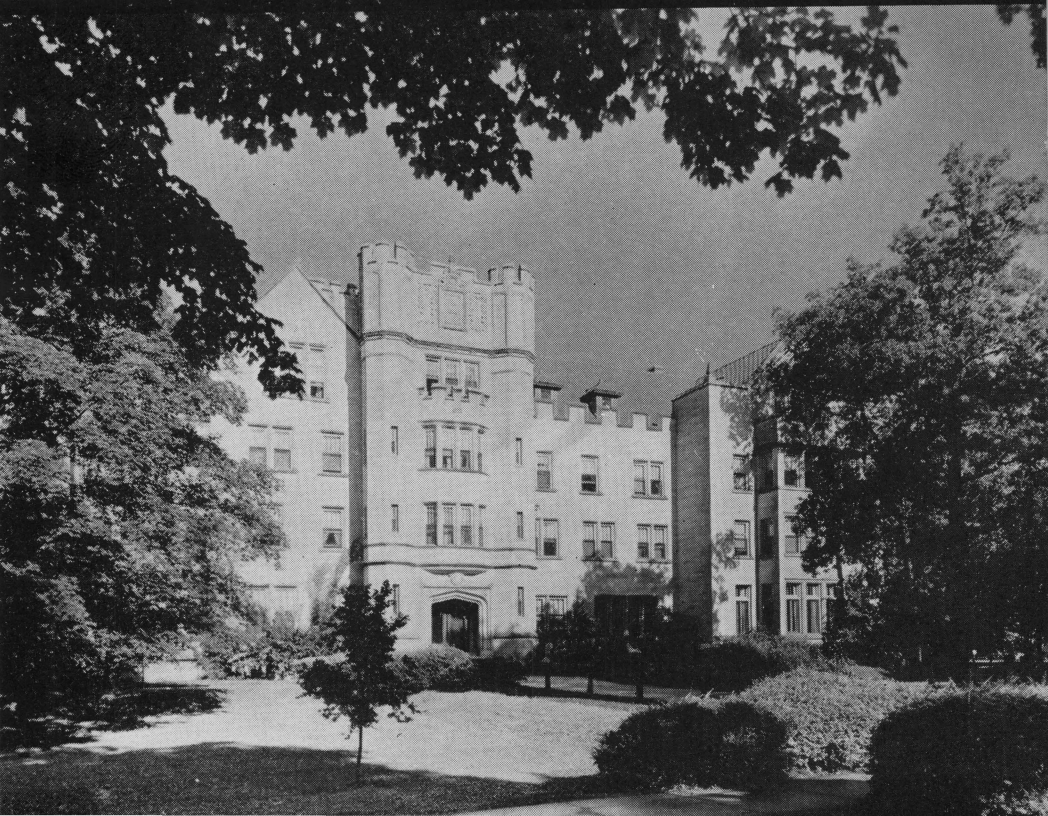
















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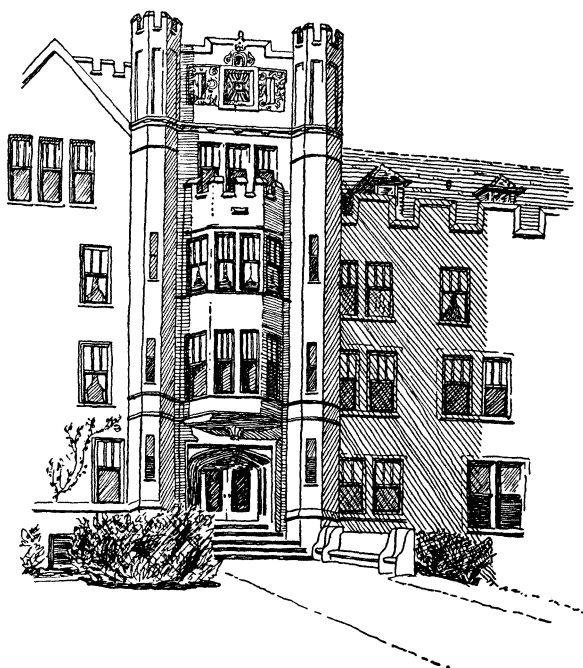
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## PART III: LISTS

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SUMMARY OF ATTENDANCE • COUNTIES  
REPRESENTED • OTHER STATES REPRESENTED •  
HONORARY FRATERNITIES—MEMBERSHIP •  
EPSILON PI TAU • KAPPA DELTA PI • KAPPA  
MU EPSILON • SIGMA TAU DELTA • GRADUATES—  
1938 • THE TEACHERS COLLEGE BULLETIN •



Women's Dormitory

# SUMMARY OF ATTENDANCE

## TWELVE MONTHS ENDING JUNE 2, 1939

|  | Men | Women | Total | Total |
|--|-----|-------|-------|-------|
| Eight Weeks' Summer Term, 1938.....                        | 218 | 472   | 690   | 690   |
| Regular School Year—September 12, 1938 to<br>June 2, 1939: |     |       |       |       |
| Teachers College:  |     |       |       |       |
| Senior College:  |     |       |       |       |
| Post-Graduate .....  | 5   | 3     | 8     |       |
| Senior Year .....  | 57  | 43    | 100   |       |
| Junior Year .....  | 112 | 72    | 184   |       |
| Total in Senior College .....                              | 174 | 118   | 292   |       |
| Sophomore Year .....                                       | 116 | 148   | 264   |       |
| Freshman Year .....  | 261 | 278   | 539   |       |
| Total in Junior College.....                               | 377 | 426   | 803   |       |
| Total in College.....                                      | 551 | 544   | 1,095 |       |
| Extension Students (exclusive of duplicates)....           | 193 | 347   | 540   |       |
| High School:   |     |       |       |       |
| Post-Graduate .....  | ... | 1     | 1     |       |
| Twelfth Year .....   | 20  | 21    | 41    |       |
| Eleventh Year .....  | 28  | 35    | 63    |       |
| Tenth Year .....   | 22  | 25    | 47    |       |
| Ninth Year .....   | 35  | 18    | 53    |       |
| Total in High School.....                                  | 105 | 100   | 205   |       |
| Total above the Eighth Grade.....                          | 849 | 991   | 1,840 |       |
| Elementary Training School .....                           | 125 | 130   | 255   |       |
| Total for the Regular Year.....                            | 974 | 1,121 | 2,095 | 2,095 |
| Total for the twelve months ending June 2, 1939.....       |     |       |       | 2,735 |
| Counted twice (College only).....                          | 83  | 105   | ...   | 188   |
| Grand Total of Students and Pupils.....                    |     |       |       | 2,597 |

## COUNTIES REPRESENTED—YEAR 1938-39

|           |            |            |            |           |
|-----------|------------|------------|------------|-----------|
| Bond      | Cumberland | Jersey     | Marion     | St. Clair |
| Boone     | Douglas    | JoDavies   | Massac     | Saline    |
| Champaign | DuPage     | Kankakee   | McLean     | Sangamon  |
| Christian | Edgar      | Lake       | Montgomery | Shelby    |
| Clark     | Edwards    | LaSalle    | Morgan     | Vermilion |
| Clay      | Effingham  | Lawrence   | Moultrie   | Wabash    |
| Clinton   | Fayette    | Livingston | Piatt      | Wayne     |
| Coles     | Franklin   | Macon      | Pulaski    | White     |
| Cook      | Iroquois   | Macoupin   | Randolph   |           |
| Crawford  | Jasper     | Madison    | Richland   |           |

## OTHER STATES REPRESENTED

|            |         |           |                |              |
|------------|---------|-----------|----------------|--------------|
| Alabama    | Indiana | Minnesota | New York       | Ohio         |
| California | Iowa    | Nebraska  | North Carolina | Pennsylvania |
|            |         |           |                | Tennessee    |

# GRADUATES

1938

## SENIOR COLLEGE

| Name                         | Post Office           |
|------------------------------|-----------------------|
| Adair, Audrey Helen          | Hall.....             |
| Anderson, Oscar Lee          | .....Charleston       |
| Anderson, Robert William     | .....Cobden           |
| Armstrong, Robert James      | .....Charleston       |
| Bainbridge, Janet Marguerite | .....Charleston       |
| Brian, Charles Edward        | .....Charleston       |
| Bromley, Richard James       | .....St. Francisville |
| Brown, Juanita Marie         | .....Charleston       |
| Broyles, Frank Montgomery    | .....Mattoon          |
| Bruce, Dorothy Jean          | .....Walnut Hill      |
| Carlock, Charles William     | .....Ramsey           |
| Carlson, Clarence LeRoy      | .....Evanston         |
| Carruthers, Vera Evelyn      | .....Neoga            |
| Christner, Eleanor Bernice   | .....Urbana           |
| Clifford, John Raphael       | .....Carmi            |
| Clinard, Everett L.          | .....Charleston       |
| Clouse, Edith Leota          | .....Chrisman         |
| Cochran, Edith Elnora        | .....Lawrenceville    |
| Cole, Raymond Bernice        | .....Mattoon          |
| Cook, Leslie Clarke          | .....Chicago          |
| Coverstone, Hoyt Orlando     | .....Montrose         |
| Cribbet, Wilba Luella        | .....Bethany          |
| Cronin, Helen Marie          | .....Mattoon          |
| Crosby, Ruth Freeda          | .....Olney            |
| Cunningham, Clarice          | .....Witt             |
| Davis, Donald Echard         | .....Charleston       |
| Dearnbarger, Dorothy Mae     | .....Chesterville     |
| Duncan, Gretchen LaVone      | .....Windsor          |
| Edman, Ben Frances           | .....Charleston       |
| Elam, Stanley Munson         | .....Trowbridge       |
| Endsley, Antha Euphemia      | .....Charleston       |
| Endsley, Mary June           | .....Brocton          |
| Endsley, Thomas L.           | .....Charleston       |
| Fairchild, Robert Samuel     | .....Charleston       |
| Farrar, Mary                 | .....Humboldt         |
| Finley, Dorothy Leta         | .....Bridgeport       |
| Fulk, Orlie Lovell           | .....Ingraham         |
| Gabel, Kenneth Eugene        | .....Montrose         |
| Gates, Edward Chandler       | .....Charleston       |
| Gibson, Robert Carl          | .....Charleston       |
| Greer, Esther Linnell        | .....Olivet           |
| Gruenewald, Wendell LeRoy    | .....Neoga            |
| Guthrie, Mildred Evelyn      | .....Sidell           |
| Hankins, Blanche Isabelle    | .....Springfield      |
| Hartsell, Vernon Roscoe      | .....Windsor          |
| Haverstock, Anthony Dale     | .....Stewardson       |
| Heaney, Lucille Anne         | .....Charleston       |

| Name                        | Post Office        |
|-----------------------------|--------------------|
| Hills, Dorothy Louise       | .....Charleston    |
| Hocking, Virginia Rae       | .....Albion        |
| Houts, Earl                 | .....Arthur        |
| Inman, Nan Louise           | .....Charleston    |
| Irwin, Harriet Elizabeth    | .....Nokomis       |
| Jones, Raymond Earl         | .....Newton        |
| Jones, Rolland Wyette       | .....Iola          |
| Julian, Arlow Lee           | .....Nokomis       |
| Kelley, Wilfrid Dudley      | .....Charleston    |
| Kelly, Joseph Anthony       | .....Westville     |
| Kern, Roberta Elizabeth     | .....Covalt..      |
| Kessinger, David Harrison   | .....Kansas        |
| Lancaster, Forrest Lane     | .....Nokomis       |
| Larimer, Sevilla Isabel     | .....Pana          |
| Lumbrick, Martha Louise     | .....Shelbyville   |
| Lynch, Jayne Pauline        | .....Charleston    |
| Meyer, Charles Edward       | .....Charleston    |
| Midgett, Beulah Marie       | .....Flat Rock     |
| Miller, Carl Clayton        | .....Robinson      |
| Mills, Clyde William        | .....Charleston    |
| Moats, Homer Madison        | .....Janesville    |
| Nash, John Louis            | .....Mattoon       |
| Neal, Forest Wayne          | .....Villa Grove   |
| Piper, Geraldine Marie      | .....Charleston    |
| Poston, Charles Francis     | .....Charleston    |
| Redden, Nettie Hazel        | .....Kansas        |
| Rennels, Robert Gossett     | .....Charleston    |
| Richardson, George Cassius  | .....Windsor       |
| Sanders, Ray Marshall       | .....Newman        |
| Sherrick, James Noah        | .....Greenup       |
| Slifer, Clayton Noble       | .....Shumway       |
| Stephens, Osler Z.          | .....Stewardson    |
| Steward, Lee Aaron          | .....Mattoon       |
| Stroud, Rupert Loran        | .....Chicago       |
| Tharp, Geneva Carrie        | .....Lawrenceville |
| Trulock, William Dale       | .....Lake City     |
| Tym, Gertrude Louise        | .....Charleston    |
| VanDeventer, Lester Raymond | .....Rardin        |
| Wade, Bernadine Etta Lea    | .....Paris         |
| Wakefield, Paul Victor      | .....Lakewood      |
| Widger, Elizabeth Phelps    | .....Charleston    |
| Williams, Charles Murray    | .....Springfield   |
| Wright, Robert August       | .....Casey         |
| Younger, Harold Edgar       | .....Bethany       |
| Yount, Millard Lee          | .....Willow Hill   |

|       |    |
|-------|----|
| Men   | 55 |
| Women | 37 |
| Total | 92 |

## EASTERN ILLINOIS STATE TEACHERS COLLEGE BULLETIN

The Eastern Illinois State Teachers College Bulletin, a monograph devoted to educational topics, is issued quarterly and distributed in the immediate territory of the College free of charge. The numbers issued in the past six years, exclusive of summer school bulletins and annual catalogues, are:

109. Practical Arts at the Eastern Illinois State Teachers College, *by L. F. Ashley.*

110. A Mesophytic Ravine, "Rocky Branch," *by E. L. Stover.*

113. The Junior High School, An Annotated Bibliography, *by Frank A. Beu.*

114. The Training of Public School Art Teachers, *by Grace E. Messer.*

117. Trees and Shrubs of the Campus, *by E. L. Stover.*

118. Changes in the Student Body, 1925-1930, *by Ralph Haefner, Emma Reinhardt, Frank A. Beu.*

121. Number reserved for future bulletin.

122. Number reserved for future bulletin.

125. Bulletin of the Teachers College High School, 1933-34.

129. Bulletin of the Teachers College High School, 1934-35.

130. Creative Work in English with Fourth Grade Children, *by Myrtle Arnold.*

133. The Legal Basis for the Administration and Control of the Publicly Supported Normal Schools and Teachers Colleges in the Territory of the North Central Association, *by Frank A. Beu.*

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\*What is the passing grade?.....Total number of high school units.....

Recitation period.....min.

Laboratory periods.....min. (Signed) .....

Ranked.....in graduating class of.....

Date .....193.....Official Title

(See other side)



## **CORRESPONDENCE**

### **Prospective Students**

Students contemplating enrollment in the Eastern Illinois State Teachers College should communicate with the Registrar concerning the filing of high school credentials. Inquiries concerning rooms should be addressed to the Dean of Men or Dean of Women, or the Head of Pemberton Hall, respectively.

### **Students with Advanced Standing**

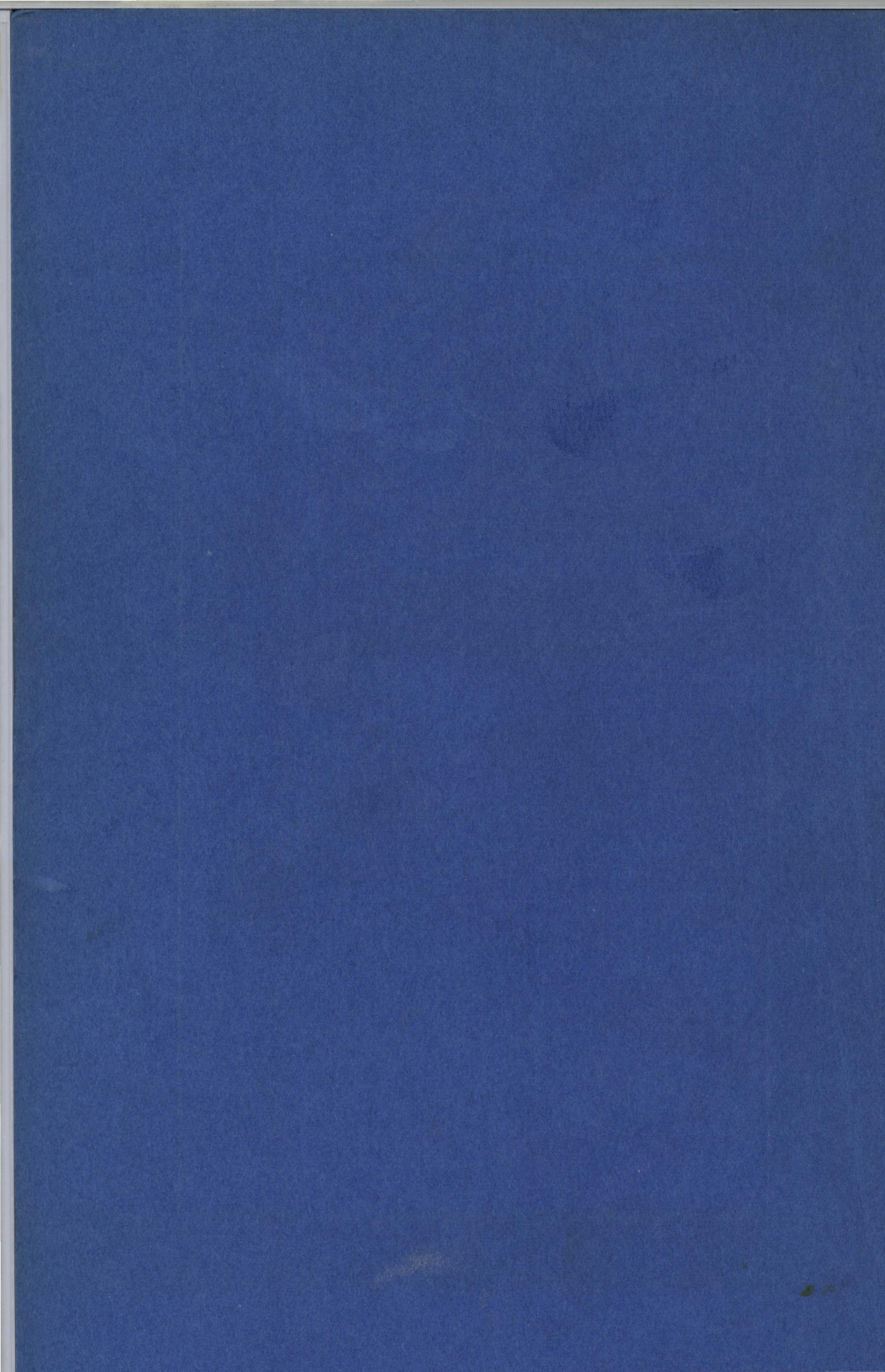
Former students or students from other institutions with advanced standing should communicate with the Dean of the Faculty concerning credits allowed and the completion of any curriculum. This should be done before September 11.

### **Bureau of Teacher Placement**

Former students desirous of a change of position should register with the Bureau of Teacher Placement. Blanks will be furnished by the Bureau upon request.

School executives and school boards looking for teachers may obtain detailed and confidential information in regard to the qualifications and teaching experience of any present or former student who is a candidate for a teaching position.





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