

Edna Larson.

THE MUNICIPAL UNIVERSITY *of* AKRON

AKRON, OHIO

JUNE, 1926

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1926

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AKRON, OHIO

June, 1926

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UNIVERSITY CALENDAR

1926

- JANUARY 4, MONDAY.....Class work resumed in all departments
- JANUARY 11 TO 16.....Classification for second semester, all departments except Co-operative Engineering and Commerce
- JANUARY 21, THURSDAY,Founder's Day Entertainment
8:00 p. m.
- JANUARY 22, FRIDAY.....Celebration of Founder's Day (January 18)
and Inauguration of President George
Frederick Zook
- JANUARY 23, SATURDAY.....Registration and classification for Evening
2:00-5:00 and 7:00-9:00 p. m. Session for second semester
- JANUARY 29 AND 30.....Registration and classification of new students
FRIDAY, 9:00 a. m.-4:00 p. m. for second semester
SATURDAY, UNTIL NOON
- JANUARY 25 TO 30.....Final Examinations
- FEBRUARY 1, MONDAY.....Class work begins for Evening Session
- FEBRUARY 1 AND 2.....Classification for Co-operative students in
College of Engineering and Commerce
(Section I)
- FEBRUARY 3, WEDNESDAY.....Second semester begins for day sessions in all
departments
- FEBRUARY 22, MONDAY.....Washington's Birthday—a holiday
- FEBRUARY 23, TUESDAY.....Classification for Co-operative Engineering
and Commerce students (Section II)
- MARCH 19, FRIDAY.....Sophomore Ashton Prize Contest
- MARCH 27, SATURDAY.....Easter Recess begins
12:00 m.
- APRIL 5, MONDAY.....Class work resumed
- MAY 20, THURSDAY.....Student Elections
- MAY 21, FRIDAY.....Junior Ashton Prize Contest
- MAY 28, FRIDAY.....Tree Day
- MAY 31, MONDAY.....A holiday
- JUNE 7 TO 12.....Final Examinations
- JUNE 11, FRIDAY.....Evening Session closes, 9:30 p. m.
- JUNE 13, SUNDAY.....Baccalaureate Exercises
- JUNE 15, TUESDAY.....Commencement
- JUNE 16, WEDNESDAY.....Classification for Co-operative Engineering
and Commerce students (Section I) for sum-
mer session

UNIVERSITY OF AKRON

- JUNE 21 TO JULY 30.....Summer Session in Teachers College
- JUNE 21 TO AUGUST 14.....Summer Session in College of Engineering and Commerce
- JULY 1, THURSDAY.....Practical work begins in College of Engineering and Commerce for prospective students
- JULY 15, THURSDAY.....Registration and classification begins for fall semester for new resident students in
 Buchtel College of Liberal Arts
 Curtis School of Home Economics
 Teachers College
 Also for any students desiring to enroll in the Evening Session and Saturday courses
- JULY 19, MONDAY.....Classification for Co-operative Engineering and Commerce students (Section II) for summer session
- SEPTEMBER 1, WEDNESDAY.....Registration and classification of non-resident students begins
- SEPTEMBER 3 AND 4.....Final registration and classification of new students
- SEPTEMBER 7 TO 11.....Freshman Week for students entering in February and September, 1926
- SEPTEMBER 11, SATURDAY.....Registration and classification for Evening 2:00-5:00 and 7:00-9:00 p. m. Session
- SEPTEMBER 13 AND 14.....Registration and classification for upper classmen in all departments (Section I in College of Engineering and Commerce)
- SEPTEMBER 15, WEDNESDAY.....Class work begins for Co-operative students in College of Engineering and Commerce (Section I)
 For all day and evening sessions in all departments
- SEPTEMBER 30, THURSDAY.....Freshman Elections
- OCTOBER 4 AND 5, MONDAY.....Registration and classification for College of Engineering and Commerce (Section II for Co-operative students)
 AND TUESDAY
- OCTOBER 6, WEDNESDAY.....Class work begins for Co-operative students (Section II)
- NOVEMBER 25, 26, 27.....Thanksgiving Recess
 THURSDAY, FRIDAY AND SATURDAY
- DECEMBER 10,Senior Ashton Prize Contest
- DECEMBER 18, SATURDAY.....Christmas vacation begins for all departments 12:00 m.

1927

- JANUARY 3, MONDAY.....Class work resumed in all departments
- JANUARY 17 TO 22.....Classification for second semester, all departments except Co-operative Engineering and Commerce, and Evening Session
- JANUARY 18, TUESDAY.....Celebration of Founder's Day
- JANUARY 28 AND 29.....Registration and classification of new students
FRIDAY, 9:00 a. m.-4:00 p. m. for second semester
SATURDAY, UNTIL NOON
- JANUARY 29, SATURDAY.....Registration and classification for Evening
2:00-5:00 and 7:00-9:00 p. m. Session for second semester
- JANUARY 24 TO 29.....Final Examinations
- JANUARY 31, MONDAY.....Class work begins for Evening Session
- JANUARY 31 AND FEBRUARY 1.....Classification for Co-operative students in Col-
MONDAY AND TUESDAY lege of Engineering and Commerce (Sec-
 tion I)
- FEBRUARY 2, WEDNESDAY.....Second semester begins for all departments
- FEBRUARY 21 MONDAY.....Classification for Co-operative Engineering and
Commerce students (Section II)
- FEBRUARY 22, TUESDAY.....Washington's Birthday—a holiday
- MARCH 18, FRIDAY.....Sophomore Ashton Prize Contest
- APRIL 9, SATURDAY 12:00 m.....Easter Recess begins
- APRIL 18, MONDAY.....Class work resumed
- MAY 19, THURSDAY.....Student Elections
- MAY 20, FRIDAY.....Junior Ashton Prize Contest
- MAY 27, FRIDAY.....Tree Day
- JUNE 6 TO 11.....Final Examinations
- JUNE 10, FRIDAY.....Evening Session closes
- JUNE 12, SUNDAY.....Baccalaureate Exercises
- JUNE 14, TUESDAY.....Commencement
- JUNE 15, WEDNESDAY.....Classification for Co-operative Engineering and
Commerce students (Section I) for summer
session
- JUNE 20, MONDAY.....Registration for Summer Session in Teachers
College

BOARD OF DIRECTORS

CLYDE F. BEERY	Term expires 1928
WILLIAM H. EAGER	Term expires 1928
P. W. LITCHFIELD	Term expires 1928
MRS. CHARLES W. AVERELL	Term expires 1930
F. M. COOKE	Term expires 1930
JAMES B. PERGRIN	Term expires 1930
J. GRANT HYDE	Term expires 1932
B. A. POLSKY	Term expires 1932
JOHN W. THOMAS	Term expires 1932

OFFICERS FOR 1926

F. M. COOKE	<i>Chairman</i>
C. R. OLIN	<i>Clerk</i>

COMMITTEES FOR 1926

<i>Committee on Finance:</i> POLSKY, BEERY, PERGRIN
<i>Committee on Investment:</i> COOKE, HYDE, MRS. AVERELL
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FRED E. AYER, C. E.	<i>Dean of the College of Engineering and Commerce</i>
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U. S. VANCE, A. B.	<i>University Editor</i>
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EDITH GRACE CRAY, A. M.	<i>Alumni Secretary</i>

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1925-26

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A. B., A. M., University of Kansas; Ph. D., Cornell.

265 Merriman Road

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Tallmadge, Ohio

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355 Pioneer Street

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Ph. B., Buchtel; A. M., Ph. D., Wisconsin.

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Ph. B., Franklin; A. M., Ph. D., Columbia.

688 East Buchtel Avenue

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153 Fir Street

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Mus. D., Royal Conservatory of Naples.

197 West Market Street

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C. E., Ohio Northern.

Cuyahoga Falls, Ohio

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157 Marvin Avenue

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B. A., M. A., Wisconsin.

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421 Spicer Street
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A. B., Wisconsin; A. M., Harvard; Ph. D. Wisconsin.
840 Chalker Street
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331 Beechwood Drive
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407 Vine Street
-

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283 East Buchtel Avenue

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109 South Forge Street

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Captain, Infantry U. S. A.

82 Fir Street

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B. S. in E. E., Michigan.

384 Reed Avenue

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First Lieutenant, U. S. A.

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First Lieutenant, U. S. A.

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WALTER C. KRAATZ, *Assistant Professor of Biology*

A. B., Wisconsin; A. M., Ph. D., Ohio State.

957 Mercer Street

*Service begins September, 1926

†Resigned June, 1926

- †KATHARINE M. REED, *Assistant Professor of Modern Languages*
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900 Elmore Avenue
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985 Peerless Avenue
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M. E., Ohio State.
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INSTRUCTORS

- DAVID E. ANDERSON, *Instructor in Chemistry*
A. B., Augustana; M. S., Chicago.
Cuyahoga Falls, Ohio
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Boston School of Design; Cleveland School of Art.
53 North Union Street
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A. B., Municipal University of Akron.
463 Carroll Street
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B. S., Municipal University of Akron.
160 South College Street
- JOHN M. DAVIES, *Instructor in Physics*
B. S., M. S., Municipal University of Akron.
309 Fountain Street
- ‡HOWARD M. DOUTT, *Instructor in Political Science*
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†On leave of absence first semester

*First semester only

‡Second semester only

June 1926
Bulletin

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74 Beck Avenue
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PART-TIME INSTRUCTORS, ASSISTANTS AND LECTURERS

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26 Orchard Road
- CARL E. KRILL, *Assistant in Biology*
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A. B., Missouri; A. M. cum laude, Harvard.
Cleveland, Ohio
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- M. C. McALANON, *Instructor in Cost Accounting*
834 Mallison Avenue
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A. B., A. M., Ohio Wesleyan.
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A. B., Kalamazoo

Y. W. C. A.

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39 Byers Avenue

LAWRENCE D. RICKER, *Instructor in Gymnasium Work*

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KATHRYN TEEPLE, *Graduate Assistant in Biology*

B. S. in Home Economics, The Municipal University of Akron.

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JOHN A. WAGNER, *Assistant Football Coach*

B. S., Otterbein.

13 West Mildred Avenue

I. B. WALTZ, *Instructor in Bookkeeping and Accounting*

316 Torrey Street

GEORGE F. WEBER, *Instructor in Debating*

A. B., The Municipal University of Akron.

999 West Exchange Street

R. G. WHITNEY, *Instructor in Salesmanship*

1849 Marks Avenue

CLARENCE WITZBERGER, *Assistant in Biology*

884 Johnston Street

REGISTRAR'S STAFF

GLADYS P. WEEKS, *Registrar*

248 S. Balch Street

LOUISE POPE, *Assistant Registrar*

A. B., Winthrop.

42 Atlas Street

LIBRARY STAFF

JOSEPHINE A. CUSHMAN, *Librarian*

Ph. B., Municipal University of Akron; B. L. S. Illinois.

517 Crosby Street

RENA B. FINDLEY, *Associate Librarian*

32 South Adolph Avenue

MARY SHUMAN, *Assistant Librarian*

A. B., Municipal University of Akron.

558 Gage Street

*BETTY BROWN, *Assistant Librarian*

162 Marvin Avenue

*Services began January 25, 1926

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Instructor in Education
- C. E. BRYANT, A. B. *Principal of South High School*
Instructor in Education
- OLIVE G. CARSON..... *Kindergarten-Primary Instructor*
Instructor in Primary Methods
- J. C. CHENOT, A. B..... *Principal of Spicer Observation School*
Instructor in Education
- PRISCILLA DACKERMAN..... *Director of Music at West High School*
Instructor in Public School Music
- A. J. DILLEHAY..... *Principal of Robinson School*
Instructor in Education
- R. H. ERWINE, A. M..... *Assistant Superintendent of Schools*
Instructor in Education
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Instructor in Education
- O. C. HATTON, A. B..... *Principal of Mason Observation School*
Instructor in Education
- M. E. HAWK, M. S..... *Principal of East High School*
Instructor in Education
- MRS. AGATHA S. HOWES..... *Director of Kindergarten Courses*
- HORACE M. JELLISON, B. E..... *Instructor in Vocational Education*
Instructor in Education
- WILLIAM LOEBER..... *Instructor South High School*
Instructor in Physical Education
- MILTON SEITZ..... *Supervisor Physical Education*
Instructor in Physical Education
- HARRY SMITH, B. S..... *Coach, West High School*
Instructor in Education
- HUGH SMITH, M. E..... *Principal of North High School*
Instructor in Education
- C. E. STAHL, A. B..... *Instructor in Vocational Education*
- L. C. TURNER, A. B..... *Instructor in Vocational Education*
- R. H. WATERHOUSE..... *Assistant Superintendent of Schools*
Instructor in Education

CRITIC TEACHERS

LOIS BABB, PH. B.	<i>High School English</i>
RUTH J. BRADLEY	<i>High School English</i>
BLANCHE BRADY, PH. B.	<i>High School Biology</i>
MYRTLE CAVES	<i>High School Home Economics</i>
RUTH CROWE, A. B.	<i>High School French</i>
NELLIE D. FISHER, M. S.	<i>High School Biology</i>
BERTHA GUGLER	<i>First and Second Grades</i>
H. M. HORST, PH. B.	<i>High School History</i>
RHODA KEENAN	<i>Fourth and Fifth Grades</i>
A. D. LADD, PH. B.	<i>High School History</i>
J. V. NAUGLE, M. A.	<i>High School Mathematics</i>
MARIAN PALMER, A. B.	<i>Fourth and Fifth Grades</i>
INEZ PARSHALL, A. B.	<i>High School English</i>
BLANCHE PEASE	<i>First, Second and Third Grades</i>
NELLIE PURDY	<i>Elementary Physical Education</i>
MRS. GRACE RICHARDSON, B. S., B. PED.	<i>High School Latin</i>
MRS. NAOMI RUBRIGHT	<i>Kindergarten and First Grade</i>
MRS. EVELYN SILLS	<i>Music</i>
ADA SMETTS, PH. B.	<i>High School Latin</i>
KATHRYN TIMMIS	<i>Elementary Physical Education</i>
MATTIE WELCH	<i>Fifth Grade</i>
NORMA WILLIAMS, B. LIT.	<i>High School English</i>

FELLOWS
IN CHEMISTRY

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PETER MITCHELL, B. S., <i>Coe College</i>	<i>The Firestone Tire and Rubber Company</i>

IN EDUCATION

KARL G. BERNS, B. E., <i>Kent State Normal College</i>
--

STUDENT ASSISTANTS

IN BUREAU OF CITY TESTS	IN MILITARY SCIENCE AND TACTICS
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Weston Hare	Wilford Lutz
Joseph B. Littman	Harry Quine
IN BUSINESS ADMINISTRATION	John B. Scott
Harold Britsch	Francis Seiler
Ruth Dorn	
Mary Enright	IN PHYSICS
Mildred Russell	Wayne Sproul
IN ENGLISH	
Lincoln Cole	IN POLITICAL SCIENCE AND ECONOMICS
Esther Dunford	Elmer Smead
Naomi Epstein	Enslen Brown
Margaret Hedlund	
Irene Minter	IN MODERN LANGUAGE
Margaret Spanton	Helen Cockrell
Lulu Smith	Mildred Russell
Lawrence A. Taylor	Ruth Supowit
Alice Tucker	
Carl Vinez	
IN JOURNALISM	IN REGISTRAR'S OFFICE
Eugene Denning	Leah Minner
Mortimer Leggett	Mae Mitchell
Sherrill Leonard	Audra Tenney
Ruth Supowit	
Jerome Taylor	
IN HISTORY	IN TEACHERS COLLEGE
Vivian Lebold	Pearl Briggs
Thomas Pitkin	Genevieve Cooper
	Margaret Fulton
IN THE LIBRARY	Bertsyl O. Keeler
Clayton Bachtel	Iona Maxwell
Raymond Bitter	Elnora Moore
Donald Brown	Elizabeth Richards
Edward Davis	Frances Swan
Merlin Hayes	
Ethel Klahre	IN MULTIGRAPHING DEPARTMENT
Madeline Lattimore	Van Ellsworth
Dora Sapp	
Sara Wilkinson	

COMMITTEES OF THE GENERAL FACULTY
1925-1926

EXECUTIVE

ZOOK, O. E. OLIN, SPANTON, AYER, SIMMONS, BANKES,
WEEKS (Secretary)

ENTRANCE

SCHMIDT, SPANTON, BANKES, STIMMEL, McJOYNT

CLASSIFICATION

Buchtel College of Liberal Arts

C. BULGER, PLOWMAN, SPANTON, CRECRAFT, EGBERT, JONES,
HOUSEHOLDER, GARDNER, SCHMIDT, LIPSCOMBE, FOX, ROGERS

College of Engineering and Commerce

C. BULGER, McJOYNT AND DEPARTMENT HEADS IN COLLEGE OF
ENGINEERING AND COMMERCE

Curtis School of Home Economics

C. BULGER, STIMMEL, STINSON

Teachers College

C. BULGER, BANKES, HAYES, KUHNES

Evening Session

SIMMONS, BANKES, PEASE, CRECRAFT, McDERMOTT, HAYES,
MITCHELL, McEBRIGHT, TAILLIART, KRAATZ, BREITENBUCHER,
HALLENBECK

PUBLIC SPEAKING

McEBRIGHT, McDERMOTT, THOMPSON, MARSH, DURST

SOCIAL

THOMPSON, TYDINGS, REED, HALLENBECK, GOODELL, MITCHELL,
McDERMOTT

HOLIDAY OBSERVANCE

REED, DeLEONE, BARNHARDT, DUNCKLEY, AND CLASS ADVISERS

ATHLETICS

AYER, COLEMAN, C. R. OLIN, MOORE, SEFTON

STUDENT AFFAIRS

(Council, Elections, Advisers, etc.)

SIMMONS, THOMPSON, HAYES, GRIFFIN, BRODERICK

UNIVERSITY OF AKRON

LIBRARY

PEASE, FINDLEY, CUSHMAN, KUHNES, DAVIS, KRAATZ, J. BULGER

SCHOLARSHIP AND HONORS

ROCKWELL, STIMMEL, KUHNES, J. BULGER, GRISMER

EXTENSION LECTURES

DAVIS, SIMMONS, WALTHER, HAYES, GARDNER

UNIVERSITY ASSEMBLY

DURST, GILMOUR, SMITH, DAVIES

PSYCHOLOGICAL TESTS

BANKES, HAYES, O. E. OLIN, PEASE, AYER, GRIFFIN

FACULTY REPRESENTATIVES FOR UNIVERSITY ACTIVITIES

FRESHMAN CLASS	SIMMONS
SOPHOMORE CLASS	CRECRAFT
JUNIOR CLASS	MOORE
SENIOR CLASS	SPANTON
WOMEN'S CLUB ROOMS	THOMPSON
WOMEN'S LEAGUE	ROGERS
MUSIC	DELEONE
UNIVERSITY PUBLICATIONS	VANCE

THE MUNICIPAL UNIVERSITY OF AKRON

The Municipal University of Akron was created by an ordinance of the Akron City Council, passed on August 25, 1913. This ordinance accepted in behalf of the city the offer of the Trustees of Buchtel College to give to the city the entire plant and endowment of the college as the nucleus of a municipal university, the Council promising in behalf of the city to support properly the new institution thus created. After the transfer of property had been completed by President Kolbe and Secretary Olin for the Trustees of Buchtel College, Mayor Rockwell on December 15, 1913, together with City Solicitor Taylor accepted the deeds of transfer in behalf of the city and appointed nine citizens of Akron as members of the Board of Directors of the Municipal University of Akron.

Buchtel College, the institution thus turned over to the city of Akron, was founded in 1870 by the Ohio Universalist Convention and took its name from its most generous benefactor, Hon. John R. Buchtel, who consecrated his life and his wealth to its support. It was chartered by the Ohio Legislature in the same year as a College of Liberal Arts and Letters and first opened its doors for the admission of students in September, 1872.

By the terms of transfer to the City of Akron, provision was made that Buchtel College retain its name and identity as Buchtel College of Liberal Arts of the Municipal University.

The Municipal University of Akron, being supported in large part by public taxation, is entirely non-sectarian. The City of Akron has, however, agreed to carry out all provisions made by donors of funds to Buchtel College. Such funds were given in most cases to establish professorships and scholarships in the College of Liberal Arts.

DEPARTMENTS, EQUIPMENT AND STANDARDS

BUCHTEL COLLEGE OF LIBERAL ARTS

The College of Liberal Arts endeavors to carry out the wishes of the Founder of Buchtel College, namely, "to secure the highest grade of Classical, Scientific and Literary Culture". Four-year courses are offered leading to the degrees of Bachelor of Arts and Bachelor of Science.

THE COLLEGE OF ENGINEERING AND COMMERCE

The College of Engineering and Commerce offers courses in various branches of engineering, and in commerce and finance.

THE CURTIS SCHOOL OF HOME ECONOMICS

A four-year course is offered leading to the degree of Bachelor of Science in Home Economics. Especial attention is given to preparation for teaching and other vocations.

TEACHERS COLLEGE

Teachers College is organized under the joint management of the Akron Board of Education and the Directors of the University. The work is specifically organized for the preparation and training of teachers for the Akron Public School System, the professional improvement of teachers already in the service, and the study of educational problems.

THE EVENING SESSION

The University offers evening work in a number of departments. College credit is given for this work, except in a few courses. The subjects are mostly those of the first two years of college work in liberal arts and of the entire course in the Teachers College.

BIERCE LIBRARY

The University Library had its origin in a collection donated in 1874 by the late General L. V. Bierce and, during the early days of Buchtel College, the library was augmented by purchases from the proceeds of a bequest received from General Bierce's estate. In recognition of this gift, the library has been called Bierce Library. It occupies all of the main floor, a portion of the basement, and the second floor of Carl F. Kolbe Hall.

The Library contains about 22,928 cataloged volumes and about 10,200 pamphlets in addition to several hundred volumes of miscellaneous books and public documents as yet uncataloged; also a considerable collection of paper bound serials and pamphlets as yet uncounted, and 4,510 mounted pictures and prints. Departmental libraries are maintained in Olin Hall for both the Biology and Physics Departments, and in the Engineering Building for the Departments of Engineering and Commerce.

Students are privileged also to use the Akron Public Library, and will find co-operative service between the two libraries. Cards for new books added in each are on file in the catalog of the other, and the resources of both libraries are open to students and citizens.

COMBINATION COURSES

To those who wish to enter the learned professions such as law or medicine, the College of Liberal Arts offers opportunities of combination with the various professional schools of the country. By means of such combination courses a student may receive both the Arts and the professional degree, at the same time shortening by one year the period otherwise necessary.

EQUIPMENT

At the time of the foundation of Buchtel College in 1870 a plot of six acres of ground was purchased at the outskirts of the village of Akron on a hill overlooking the valley. The growth of the city has included this site, so that now the University campus lies at the head of College Street, only a short distance from the business center of the city.

In 1899 the old main building was destroyed by fire and in 1901 Buchtel Hall was completed as the first of a modern group of college buildings. From earlier times there already existed on the campus Crouse Gymnasium and the President's residence, now used for a recitation and office building. Since the completion of Buchtel Hall there have been constructed Olin Hall, occupied by the department of biology and physics; the central heating plant; Curtis Cottage, used as the home of the School of Home Economics; the Knight Chemical Laboratory, toward the construction of which Andrew Carnegie gave \$25,000; the Carl F. Kolbe Hall, the gift of Mr. F. A. Seiberling and Mr. F. H. Mason; and the engineering building.

STANDARDS

The Municipal University of Akron maintains in all its departments courses of standard grade and is in every sense a standard American college, as is evidenced by its membership in such standardizing organizations as the Ohio College Association and the North Central Association of Colleges and Secondary Schools. It is included in the approved list of the Association of American Universities for recommendation of the bachelor's degree to foreign universities, and is approved for pre-medical work by the American Medical Association. Its women graduates are eligible to membership in the American Association of University Women.

ADMISSION

METHODS OF ADMISSION

Students are admitted by examination, high school certificate, or honorable dismissal from other colleges or universities, or if over twenty-one years of age, as special students not in candidacy for a degree.

ENTRANCE REQUIREMENTS

The requirement for unconditional entrance to any department of the University is 15 units, not less than 12 of which must be from the following subjects: English, Mathematics, Foreign Language, Science, History, Civics, Economics and Sociology. A unit is a full year's work in a subject, with four 1-hour or five 45-minute recitation periods a week.

Examinations are required in subjects presented for admission with grades below the passing mark.

No student from an Akron high school who is not a graduate will be admitted with less than 16 units except upon recommendation of the Superintendent of Schools.

SCHOLARSHIP REQUIREMENTS

The following rules on scholarship requirements for all applicants for the Freshman class have been adopted by the faculty:

1. An average of 83% in the work taken by the student during his last two years in the high school is required for admission on certificate.
2. Each certificate shall state whether the student belongs to the upper, or the lower half of his class.

TIME OF REGISTRATION AND CLASSIFICATION

DAY SESSION

Buchtel College, School of Home Economics and Teachers College:

Registration and classification of Freshman *resident students* (except for the College of Engineering and Commerce) will begin on July 15 and will be continuous throughout the summer, daily from 9 a. m. to 4 p. m. in room 33, Buchtel Hall. The student must present himself in person for conference with the Chairman of the Entrance Committee, and must present to him his high school record.

FRESHMAN WEEK

All freshmen (those entering in February as well as in September, 1926) are required to report at the University for Freshman Week, beginning September 7.

Tuesday, September 7, to Saturday noon, September 11, will be devoted entirely to Freshmen. Attendance is required at all sessions.

Students transferring from any college to Teachers College are required to take the psychological tests given during Freshman Week.

Registration and classification of *non-resident students* will begin on September 1. Certificates of out-of-town students may be mailed to the Chairman of the Entrance Committee at any time for examination by the Entrance Committee.

Registration will be limited by classes and subjects, i. e., no student will be received in any class or subject beyond the number for which the University has adequate room and teaching force. For this reason Akron students are requested to register and classify during the early part of the summer, so that they may receive first consideration and opportunity for enrollment in the regular subjects of the first year course in the day session. Students who delay registration and classification are warned that it may be impossible to assign them to the subjects desired, or that it may be necessary for them to enter classes in the Evening Session. A deposit of \$5 is required at the time of registration. This sum will be applied on fees at entrance.

College of Engineering and Commerce:

New students (both residents and non-residents) desiring to enter the College of Engineering and Commerce must send their high school record to Dean F. E. Ayer of that college before July 1, and must hold themselves in readiness to begin practical work on July 1. No assurance of entrance can be given to those who fail to report for work before July 1.

EVENING SESSION

Registration for the Evening Session will begin on July 15 and will be continuous for residents and non-residents throughout the summer, daily from 9 a. m. to 4 p. m. in room 33, Buchtel Hall.

FINAL REGISTRATION DAYS

The Final Registration Days are:

Day Session in all departments except the College of Engineering and Commerce, September 13 and 14 for the first semester and January 22 for the second semester.

College of Engineering and Commerce, September 12 and 13 for the first section and October 3 and 4 for the second section. However, no assurance of admission can be given to students who do not present themselves in readiness to begin work on July 1.

Evening Session, September 11 for the first semester, and January 29 for the second semester.

ADVANCED CREDIT

Students presenting high school credits in a modern language or in mechanical drawing above and beyond the entrance requirements for college will be allowed college credit at the rate of fifty per cent in term hours for high school work, provided it results in a full credit in term hours, and the student shows the ability to carry advanced work.

ADMISSION FROM OTHER COLLEGES

Students from other colleges of recognized standing may be admitted to advanced standing on presentation of a certificate of work done and a statement of honorable dismissal. A degree will not be granted a student entering with advanced standing from another college unless he spends a full year in residence and completes 32 semester hours of work. Except in Buchtel College three-fourths of this must be professional work done in the college granting the degree.

Applications for advanced standing will not be considered until the registrar of the University has received lists of credits and honorable dismissal from the institution from which the student desires to be transferred.

No student who does not meet the scholastic requirements of this institution will be received on transfer from another college or university.

SPECIAL STUDENTS

Students over twenty-one years of age, even though they have not fulfilled the entrance requirements, may be admitted as special students, not in candidacy for a degree, to such studies as they are prepared to enter.

IRREGULAR STUDENTS

Irregular students are those who have satisfied entrance requirements but are not pursuing a regular course in candidacy for a degree.

SUBJECTS REQUIRED FOR ADMISSION

For the subjects, required or elective, for admission to the several colleges of the University, see the entrance requirements of these colleges.

SUBJECTS ACCEPTED FOR ADMISSION

The subjects from which choice may be made, and the number of units which will be accepted in each subject, are as follows:

English	3 or 4 units
History, Social Sciences and Civics (not more than 4 units in all)	
Adv. U. S. History	$\frac{1}{2}$ or 1 unit
English History	$\frac{1}{2}$ or 1 unit
General History	1 unit
Ancient History	1 unit
Med. and Mod. History	1 unit
Civics	$\frac{1}{2}$ unit
Political Economy	$\frac{1}{2}$ unit

Languages, Foreign (not more than 6 units in all)

French	1	to 4	units
German	1	to 4	units
Greek	1	or 2	units
Latin	1	to 4	units
Spanish	1	or 2	units

Mathematics (2½ to 4 units)

Algebra	1	to 2	units
Geometry, Plane		1	unit
Geometry, Solid		½	unit
Trigonometry		½	unit

Science (not more than 4 units in all)

Botany	½	or 1	unit
Chemistry		1	unit
General Science		1	unit
Physics		1	unit
Physiography	½	or 1	unit
Physiology		½	unit
Zoology	½	or 1	unit

Vocational Subjects (not more than 3 units in all)

Agriculture	½	or 1	unit
Commercial Subjects	1	to 3	units
Domestic Science	1	to 3	units
Manual Arts	1	to 3	units

ENTRANCE AT MID-YEAR

Students graduating from high school at mid-year may enter any classes in first year work not already filled to capacity, subject to scholarship requirements already stated.

At the beginning of the following fall the student will be assigned to the regular freshman work of one of the courses and can pursue his studies without irregularity.

PSYCHOLOGICAL TESTS

Psychological tests are given to new students at the beginning of each semester to aid in determining the amount of work students should be permitted to carry, in advising the amount of outside work students may undertake, in deciding the dismissal or suspension of students, in considering the reinstatement of suspended students, in appointing student assistants, in determining the admission of students to certain advanced courses, and in sectioning classes.

All new students including specials are required to take the psychological tests unless excused by the Dean.

All seniors are given opportunity to take psychological tests during the week of their final examinations with the understanding that each senior who takes these tests will be given a complete statement of grades made in all psychological tests taken during his college course.

EMPLOYMENT AND LIVING CONDITIONS

THE BUREAU OF STUDENT EMPLOYMENT

This bureau is established for the purpose of aiding self-supporting students in finding part-time work during the school year. Its organization is directed by the University and its services are free to all students.

LIVING CONDITIONS

The University maintains no dormitories, but lists of rooms for men may be found at the general office. All women attending the University are under direct charge of the Dean of Women. No non-resident woman is allowed to select a rooming place not on the approved list of the Dean of Women. Non-resident women intending to enter the University should write beforehand to Mrs. E. A. Thompson, Dean of Women, who will gladly assist them in obtaining suitable living quarters.

Board may be secured in private families (often in connection with room), in boarding houses near by or at the Y. M. C. A. and Y. W. C. A.

The School of Home Economics serves a cafeteria luncheon in Curtis Cottage every noon during the school year.

SELF HELP

A large proportion of the men of the institution are self-supporting. Akron offers a great variety of work for men students. The University maintains a Bureau of Student Employment which helps new students in getting work for odd hours, evenings and on Saturdays. The demand for such student aid on the part of Akron citizens is usually larger than the University can supply.

No student, however, should enter without sufficient money for payment of term bills and for living expenses for several months, since too much outside work often seriously hampers the beginning of a college course.

The opportunity for women in the matter of self help is more limited. It consists largely of work during certain hours of the day in private families in return for board and room, clerking, and, to a limited extent, work in offices or libraries.

The University offers a number of student assistantships in various departments to upper classmen. Such positions pay thirty-five cents per hour for time spent. All inquiries regarding self help for men should be addressed to the Bureau of Student Aid; for women, to the Dean of Women.

FEES AND EXPENSES

TUITION

(Rules adopted January 12, 1926).

Citizens of the City of Akron shall not be charged tuition in any school or department of the University.

In applying this rule, the following persons, if citizens of the United States, shall be deemed to be citizens of Akron unless the circumstances of any particular case may show the fact to be otherwise, viz :

1. Any unmarried person under twenty-one years of age living within the City of Akron with his parents, if Akron is the place of domicile of such parents, or with his legal guardian, if Akron is the place of domicile of such guardian.
2. Any unmarried person over twenty-one years of age who, at the time of becoming twenty-one, was living within the city of Akron with his parents (or legal guardian), if Akron was the place of domicile of such parents (or guardian), and who has resided in Akron continuously since becoming twenty-one years of age.
3. An unmarried person who has resided in the city of Akron continuously for one year or more immediately prior to enrolling in the University, and who has chosen Akron as the place of his domicile.
4. A husband living with his wife, or a wife living with her husband, within the city of Akron, when such husband and wife have chosen Akron as the place of their domicile.

In every other case the burden of proving citizenship in the city of Akron shall rest with the person claiming the right of free tuition.

Any person enjoying the right of free tuition shall forfeit the right upon abandoning the city of Akron as his place of domicile, but may regain the right upon re-establishing his domicile in Akron.

Any person living outside of Akron but owning property within the city of Akron, which is taxed, may receive credit on tuition of his child or children during any semester to the extent of taxes actually paid by him for that half-year towards the University levy, upon presenting a certificate from the County Auditor or Treasurer, stating the amount so paid.

FEES

All fees are payable at the Secretary's office before the student enters classes.

A fee of \$1.00 will be charged students who have not completed registration, classification and payment of fees before the class work of the school in which they are registered begins.

After a student has been classified a charge of \$1.00 will be made for any change in his program which is not made at the instance of the University authorities.

A fee of \$1.00 per subject with a maximum of \$5.00 will be charged for entrance examinations taken on days other than those specified in the catalog, and a fee of \$5.00 will be charged for each examination in college work not taken in course.

All students, both resident and non-resident, are required to pay a maintenance fee covering registration and incidentals. An advance deposit of \$5.00 on the maintenance fee is required of all new students at the time of registering. This fee will be applied on fees at entrance.

All students taking a total of eight semester hours or more in one or more schools of the University are required to pay the student activities fee.

All students graduating from the University are required to pay a graduation fee, payable at least one week before graduation.

Fees to cover breakage and materials are charged to all students taking laboratory courses.

REFUNDS

Tuition and fees are not returnable, except for withdrawal on account of sickness (when doctor's certificate may be required) or other cause entirely beyond the control of the student.

No refunds will be made of late registration fees, transfer fees, examination fees nor advance deposit, if student is eligible to enter University.

To be entitled to refund, certain statements are required which may be learned at the Secretary's office.

Fees paid for evening courses offered but not given will be refunded.

Advance deposit will be refunded if student is not eligible to enter the University.

To entitle a student withdrawing from the University, to any refund on account of Athletic ticket, the entire ticket must be returned, when full amount paid for it will be refunded.

When students are entitled to other refunds, the University will retain a proportion as stated below and return to the student the balance paid:

First and Second Semesters:

TIME OF WITHDRAWAL	AMOUNT RETAINED BY UNIVERSITY
Before entering classes	\$2.50 of evening session fees and \$5.00 of day session fees.
During 1st or 2nd weeks,	20% of semester charge
" 3rd " 4th "	40% " " "
" 5th " 6th "	60% " " "
" 7th " 8th "	80% " " "
After 8th week	Full amount paid.

SUMMARY OF FEES

The following tables give a summary of all University fees per semester:

TUITION FEES

For residents of Akron, all schools.....Free

For non-residents:

College of Engineering and Commerce, co-operative students
 First and second semesters, each.....\$60.00
 Summer session 25.00

College of Liberal Arts, School of Home Economics, Teachers College, and full-time students in the College of Engineering and Commerce, per semester:
 For 8 hours or more.....\$90.00
 For less than 8 hours, per hour..... 10.00

Evening Session
 4 credit hours or less.....Free
 5 credit hours or more, \$10.00 per hour per semester for each hour in excess of four, but in no case to exceed \$90.00 per semester

Summer SessionFree

MAINTENANCE FEE

Summer Session, per semester hour.....\$ 4.00
 Smith-Hughes Law vocational courses, each..... 2.50

All other schools of the University:
 For 1 or 2 credit hours..... 10.00
 For 3 credit hours..... 14.00
 For 4 credit hours..... 18.00
 For 5 credit hours..... 20.00
 For 6 credit hours..... 22.00
 For 7 credit hours..... 24.00
 For 8 credit hours, or more..... 25.00

\$2.50 of the maintenance fee paid by each student, except in summer session and Smith-Hughes subjects, shall be considered a registration fee.

UNIVERSITY OF AKRON

STUDENT ACTIVITIES FEE

To each student taking 8 credit hours or more:

First semester (including a student athletic ticket for the entire school year)	\$ 8.00
Second semester, to students in school the preceding semester	3.00
Second semester, to new entrants (including student athletic ticket)	5.50

GRADUATION FEE

Bachelor's degree	\$ 5.00
Master's degree	10.00

LABORATORY FEES

All laboratory fees are payable strictly in advance before entering classes:

Bacteriology, deposit for breakage.....	\$ 5.00
Biology 403, 404, 419, 420, per semester, each.....	4.00
Biology 401, 402, per semester.....	2.50
Biology 411, 423, 424, per semester hour, each.....	1.00
Elementary Microbiology	1.00
Cement Laboratory 861, per semester.....	2.00
Chemistry 353, 354, per semester, each.....	3.00
Chemistry, all other courses, each.....	4.00
Chemistry 741, 742, per semester, each.....	3.00
*Chemistry, deposit for breakage in each course.....	5.00
*Deposit for breakage (each co-operative student, per year).....	5.00
Dietetics, per semester	7.50
Educational Measurements	2.00
Electrical Laboratory 907, 908, 913, 914, 922, 961, 962, per semester	3.00
Engineering Laboratory 721, per semester	3.00
Foods, per semester	7.00
Foods, per semester (evening session).....	3.75
Housewives Class, per semester	4.00
Materials Laboratory 817, per semester	2.00
Mechanical Laboratory, 752, 753, 764, per semester.....	3.00
Metallurgy 744, per semester	4.00
Physics 331, 332, each	2.50
Physics, advanced courses, per semester hour, each.....	2.00
Physics 679, 683, per semester, each.....	2.00
Railroads 853	1.00
Research problems (Teachers College), per semester.....	5.00
†R. O. T. C. deposit for uniform (advanced course).....	10.00
Surveying 810, per semester	2.00
Table and Meal Service, per semester	6.00
Thesis, Teachers College	10.00

*The unused portion of the breakage deposit will be returned to the student.

†This deposit is returned only to students who complete a full year's work.

FUNDS, PRIZES, SCHOLARSHIPS AND HONORS

THE KATHERINE CLAYPOLE LOAN FUND

This fund has been established by a number of women's organizations of the city and dedicated as a memorial to Mrs. Katherine Claypole, wife of Dr. E. W. Claypole, former Professor of Natural Science at Buchtel College. Mrs. Claypole was the founder of organized women's work in Akron and always manifested a deep interest in the young people of the College.

The principal of the fund is loaned to students "who in mid-term, as often happens, find themselves without sufficient means to complete the year's work". Application should be addressed to Mrs. E. F. Voris, Treasurer, 369 East Buchtel Avenue.

THE ASHTON PRIZES

A fund consisting of \$3,000 has been established by the late Oliver C. Ashton, endowing the O. C. Ashton Prizes for excellence in reading and recitation.

The annual income of this fund will be paid, one-third to competitors from the senior class, one-third to competitors from the junior class, and one-third to competitors from the sophomore class, in a first and second prize to each class, in proportion of two to one.

These are public exercises, and will take place at stated times during the year.

THE SENIOR ALUMNI PRIZE

A fund has been established by the Alumni Association for the purpose of awarding an annual cash prize of \$50.00 to that senior student in the University of Akron who has completed the regular four-year course with the highest average grade. Only students who have taken their entire course in the University of Akron are eligible.

THE TOMLINSON PRIZES

Through the kindness of Rev. Irving C. Tomlinson, Class of '80, of Boston, Mass., two prizes of \$30.00 and \$20.00 respectively will be offered each year to those two students of the University who present the best papers on a subject related to the work of the Municipal University. The subject is to be treated with especial reference to broadening the field and increasing the usefulness of the University, to its true character as a municipal university, and to its value, and need by the city.

THE ELIZABETH A. THOMPSON CUP

The Elizabeth A. Thompson Cup, named in honor of the Dean of Women, is a silver cup to be awarded each September to that Akron high school whose graduates attending the Municipal University of Akron made the best record in literary attainments during the preceding college year. It will become the permanent property of the first school that wins it three times. This Cup was donated in 1925 by Mrs. Irving C. Tomlinson of Boston, Massachusetts. The winner of the Cup for 1924-1925 was North High School.

THE JOHN R. BUCHEL CUP

The John R. Buchtel Cup, donated in 1925 by Reverend Irving C. Tomlinson, Class of '80 is a silver cup awarded annually to that high school whose graduates, during the preceding year, have made the best athletic record at the Municipal University of Akron, the cup to become the permanent property of the school which wins it three times.

THE LOOMIS CUP

In 1916 Mr. James P. Loomis of Akron donated a silver cup to be held annually by that high school in Akron whose graduates during the preceding year had made the best scholastic record at the Municipal University. By the terms of the gift, the cup became the permanent property of the school which first won it three times. Later Mr. Loomis donated a second cup which became the permanent property of South High in 1924-25. A third cup has been donated by Mrs. Loomis and contests are now being held for it. The winners of all contests are as follows:

The First Loomis Cup—

- 1915-16 won by West High School.
- 1916-17 won by South High School.
- 1917-18 won by South High School.
- 1918-19 won by South High School.

The Second Loomis Cup—

- 1919-20 won by West High School.
- 1920-21 won by South High School.
- 1921-22 won by West High School.
- 1922-23 won by South High School.
- 1923-24 won by North High School.
- 1924-25 won by South High School.

BUCHEL COLLEGE SCHOLARSHIPS

A number of scholarships have been endowed by friends of the College to aid worthy and deserving students. The donor of a scholarship may, at all times, designate one student who shall be entitled to the remission of a part of the tuition charges in the College of Liberal Arts. Scholarship benefits will be limited to \$50 per year to any one student, and in the distribution of these scholarships by the University, preference will be given to the immediate descendants of the donor, if the donor is deceased.

Students thus receiving scholarships may be called upon to render services to the University for any part, or all, of such aid. They will be expected to maintain their standing in scholarship, and to conduct themselves in accordance with the rules of the institution. A scholarship is granted with the expectation that the student will complete his course of study at the University of Akron, and without a reason that shall be satisfactory to the Directors, honorable dismissal will not be granted until full tuition and all other college dues have been paid.

RHODES SCHOLARSHIPS

Men who have completed their sophomore year at Buchtel College are eligible to compete for the Cecil Rhodes Scholarships, tenable for three years at Oxford University, England, with a stipend of \$2,000 each year. These scholarships are awarded on the combined basis of character, scholarship, athletics, and leadership in extra curriculum activities. Further information may be obtained from any member of the Rhodes Scholarship Committee of Selection for Ohio: Chairman, Ex-President W. O. Thompson, Ohio State University, Columbus, Ohio; Professor R. K. Hack, University of Cincinnati, Cincinnati, Ohio; Professor H. B. English, Antioch College, Yellow Springs, Ohio; Cary R. Alburn, Esq., Attorney, Union Trust Building, Cleveland, Ohio; Secretary, Professor Leigh Alexander, Oberlin College, Oberlin, Ohio.

FELLOWSHIPS IN RUBBER CHEMISTRY

Two fellowships have been established in the Department of Chemistry, one by The Goodyear Tire & Rubber Company and one by The Firestone Tire & Rubber Company, for the study of the chemistry of india rubber. These fellowships are open to graduates of standard American colleges and are of the value of \$1,000 per year each, with remission of all University fees.

FELLOWSHIPS IN TEACHERS COLLEGE

To encourage graduate study, three teaching fellowships have been established. Each fellowship remits the regular tuition fee and pays the student who may receive such appointment \$320 in ten equal monthly payments. The maintenance fee is not remitted. Each student appointed will be required to teach one class each semester. Anyone interested in a fellowship appointment should apply to Dean W. J. Bankes of the Teachers College.

LOAN FUNDS BY CIVIC ORGANIZATIONS

Loan Funds have been established by the Akron Rotary Club and by the Akron Real Estate Board for the benefit of students of the University. Information may be secured concerning these funds by application to the secretaries of the organizations or to the President of the University.

PHI SIGMA ALPHA

Phi Sigma Alpha is an honorary fraternity, founded for the purpose of encouraging high scholarship among the students of the Liberal Arts College. No student with an average grade of less than 85 per cent shall be eligible for membership, and not more than three students shall be chosen from each senior class as follows:

1. That member of the senior class having the highest grades for three and one-half years.
2. The members (one a man, the other a woman) having the next highest grades for three and one-half years.

This original limitation has been widened as follows: That the faculty may elect and recommend for membership in Phi Sigma Alpha any students who have maintained a grade averaging 88 per cent or higher in the Liberal Arts College, whether first, they are completing the regular four-year course, or second, they have come to Akron from other institutions and have completed two and a half years of work here.

PHI CHAPTER OF SIGMA TAU

Sigma Tau is a national honorary engineering fraternity. It was established at the University of Akron in December, 1924, the charter being granted to the local honorary fraternity of O. H. M. founded in 1919. Sigma Tau elects its men on the basis of scholarship and personality. Not more than four men are elected to membership from the upper third of each junior class. The aim of the fraternity is to improve scholarship, foster a better spirit among engineering students and help members to become better citizens.

THETA PHI

Theta Phi is an honorary fraternity founded in 1918 for the purpose of encouraging high scholarship in commerce courses. Students having an average of 86% or better are eligible for membership. Members are chosen by the Department of Commerce of the University from students in the junior and senior classes. The purpose of the fraternity is to advise underclassmen, encourage better feeling among students in the department, aid meetings of the students, and bring the work of the department before the public.

SIGMA PI EPSILON

Sigma Pi Epsilon is an honorary fraternity, founded for the purpose of promoting scholarship, citizenship and artisanship among the students of the Teachers College. The following scholarship record is required of candidates: (1) an average of 85 per cent earned during the three years in Teachers College; (2) their rank must place them in the upper 15 per cent of the graduating class. The citizenship record is determined by a vote of the faculty of Teachers College, and the artisanship record by the student's practice teaching.

HONORS COURSES

As a special opportunity for the exceptional student, the faculty has established what is known as Honors Courses. Students eligible to apply for these courses are chosen by the faculty council each year from the list of the juniors and seniors in accordance with their records filed in the Registrar's office. Such students are notified to this effect and may then, if they so desire, apply for the privilege of working in Honors Courses. From these candidates the faculty council selects a definite number of those deemed best fitted to take advantage of this opportunity. For the present the number must not exceed six.

The privilege of being eligible to Honors Courses consists in the fact that to such a student the limitation of the number of term hours does not apply, but he may elect as he and the committee may choose. Attendance of students so chosen is optional at any and all lectures and recitations.

The head of each department personally or by deputy supervises such work elected in his department. For students in Honors Courses individual final examinations are held which consist of an oral examination before the entire committee in charge of such courses, a written examination within the major department, and a thesis which takes the form of a comprehensive study on work done.

The faculty committee in charge of Honors Courses is composed of the heads of departments in which Honors students elect majors. It consists of at least three members, the chairman being the faculty member appointed as director of Honors Courses. All Honors students meet with this committee once every two weeks in seminar.

At the close of each semester a student may for unsatisfactory work or for misconduct be deprived of Honors privileges and reduced to the rank of regular student. The faculty council may then choose another student to fill the place of one so demitted.

DEGREES

A statement of degrees conferred upon completion of courses, is given under the descriptive matter of each college. To receive a second degree in course from the University of Akron, the student must complete all requirements for the degree with a minimum of 32 semester hours of work not counted for the first degree.

GENERAL REGULATIONS

THE TERM-HOUR—The unit of instruction is one hour per week for one semester. Three hours of laboratory work (including time for writing reports) shall be considered as equivalent to one recitation hour with preparation therefor. This unit is known as a "term hour".

REQUIRED FOR DEGREE—128 term hours, except in the College of Engineering and Commerce.

ELECTION OF SUBJECTS IN OTHER SCHOOLS OF THE UNIVERSITY—No student in one school or college shall be allowed to elect subjects in other schools until all freshman and entrance requirements are satisfied.

Students in Buchtel College may elect a total amount of not more than twenty hours work in other schools or colleges of the University to be applied toward the requirements for graduation from Buchtel College. Work thus elected must not interfere with required major and minor studies, nor can it be substituted for them. All work elected in other colleges is subject to the approval of the Classification Committee.

GRADING SYSTEM

93-100 inclusive	Excellent	A
85- 92 "	Good	B
77- 84 "	Fair	C
70- 76 "	Poor	D
Below 70	Failed	F
Incomplete		I

The grade "I" shall be construed to mean that some portion of the semester's work has been omitted. Upon the satisfactory completion of the omitted work during the first six weeks of the following semester this grade may be converted into a grade other than F. Failure to complete the omitted work in a satisfactory manner within the prescribed time shall convert the grade to F.

No student shall be allowed credit toward graduation for more than thirty-two credit hours of D grade work.

*RULES REGARDING FAILURE

FIRST YEAR STUDENTS

Any first year student failing to receive credit for at least eight semester hours with a grade other than F at the end of any semester shall be dropped from the University for the following semester.

*For all Colleges except the College of Engineering and Commerce.

Any first year student failing at the end of any semester to receive credit for at least 11 semester hours with a grade other than F shall be placed upon probation during the following semester.

Failure of any first year student while under probation to pass 11 semester hours at the end of this semester with a grade other than F shall exclude the student from the University for the following semester.

Any first year student electing eight hours or less must receive a grade other than F in all work taken or be dropped from the University for the following semester, unless allowed to continue by special action of the faculty.

UPPER CLASSMEN

Any student who has been in attendance at this institution or at any other college or university for one year or more who fails, at the end of any semester, to receive credit for 11 semester hours with a grade other than F, shall be dropped from the University for the following semester.

Any such student electing eleven hours or less must receive a grade other than F in all the work taken or be dropped from the University for the following semester, unless allowed to continue by special action of the faculty.

CONDITIONS FOR RE-ENTERING

A student dropped from the University under these rules may be given one opportunity to re-enter after not less than one semester's absence. It shall, however, be understood that the faculty may, at its discretion, prescribe such study, preparation, or examination as it believes necessary for re-entrance. The student shall, on re-entering, be placed on probation, and may be finally dropped at the end of any six-weeks period during which his grades do not meet the standards indicated in the rules regarding failure.

BUCHTEL COLLEGE OF LIBERAL ARTS

A. I. SPANTON, A. M., *Dean*

Buchtel College was founded as a College of Liberal Arts in 1870 by the Ohio Universalist Convention in co-operation with the Hon. John R. Buchtel. It became a part of the Municipal University of Akron, December 15, 1913. The following is a list of the original incorporators of Buchtel College, all of whom are deceased:

J. S. CANTWELL, D. D.
 COL. GEO. T. PERKINS.
 HENRY BLANDY.
 REV. GEO. MESSENGER.
 REV. B. F. EATON.
 JUDGE NEWELL D. TIBBALS.
 REV. J. W. HENLEY, D. D.
 JUDGE E. P. GREEN.
 O. F. HAYMAKER.
 JOHN R. BUCHTEL.
 REV. H. F. MILLER.
 REV. E. L. REXFORD, D. D.
 REV. H. L. CANFIELD, D. D.
 WILLARD SPAULDING.
 GEORGE STEESE.
 REV. ANDREW WILLSON, D. D.
 JAMES A. LANTZ.

PRESIDENTS OF BUCHTEL COLLEGE

*S. H. McCOLLESTER, D. D., Litt. D.....	1872-1878
*E. L. REXFORD, D. D.	1878-1880
*ORELLO CONE, D. D.....	1880-1896
C. M. KNIGHT, Sc. D. (ad interim).....	1896-1897
I. A. PRIEST, D. D.....	1897-1901
*A. B. CHURCH, D. D., LL. D.....	1901-1912
P. R. KOLBE, Ph. D.....	1913-1925
GEORGE F. ZOOK, Ph. D.....	1925-

*Deceased.

ENDOWMENTS

MESSENGER PROFESSORSHIP

The Messenger Professorship of Mental and Moral Philosophy was endowed by Mrs. Lydia A. E. Messenger, late of Akron, in memory of her deceased husband, Rev. George Messenger.

HILTON PROFESSORSHIP

The Hilton Professorship of Modern Languages was endowed by John H. Hilton, late of Akron.

PIERCE PROFESSORSHIP

The Pierce Professorship of English Literature was endowed by Mrs. Chloe Pierce, late of Sharpsville, Pa.

BUCHTEL PROFESSORSHIP

The Buchtel Professorship of Physics and Chemistry was named in honor of Mrs. Elizabeth Buchtel, late of Akron.

AINSWORTH PROFESSORSHIP

The Ainsworth Professorship of Mathematics and Astronomy was endowed by Henry Ainsworth, late of Lodi.

RYDER PROFESSORSHIP

The Ryder Professorship of Rhetoric and Oratory was established by the Board of Trustees in memory of Dr. William H. Ryder, late of Chicago.

MESSENGER FUND

The Messenger Fund was created by Mrs. Lydia A. E. Messenger, late of Akron. The fund consists of \$30,000.

ISAAC AND LOVINA KELLY FUND

The Isaac and Lovina Kelly Fund was created by Isaac Kelly, late of Mill Village, Pa. This fund consists of \$35,788.

WILLIAM PITT CURTIS FUND

This fund was established by William Pitt Curtis, late of Wadsworth, Ohio. It now amounts to \$25,000.

CROSLEY LIBRARY FUND

This fund was established by the Rev. Lotta D. Crosley, late of Kent, Ohio. It amounts to \$3,000.

PERPETUAL SCHOLARSHIPS IN BUCHTEL COLLEGE

The following named persons have established perpetual scholarships in Buchtel College:

MISS E. V. STEADMAN.....	Marietta
JAMES PIERCE	Sharpsville, Pa.
ELIJAH DRURY	Girard, Pa.
MRS. MARY C. MARTIN.....	Lebanon
JAMES F. DAVIDSON.....	Brimfield
MISS BETSEY THOMAS.....	Irwin
JOHN PERDUE	Lafayette, Ind.
ELI M. KENNEDY.....	Higginsville, Mo.
JOHN K. SMITH.....	Ravenna
N. S. OLIN	Ravenna
JOHN B. SMITH.....	Urbana
MRS. CANDIA PALMER.....	Painesville
MRS. GEO. W. STEELE.....	Painesville
GEORGE W. STEELE.....	Painesville
MRS. BETSEY DODGE.....	McConnellsville
JOHN ESPY	Kenton
JOSEPH HIDY, SR.....	Jeffersonville
MRS. HENRY BOSZAR	Brimfield
HENRY BOSZAR (3)	Brimfield
H. D. LOUDENBACK.....	Westville
THOMAS KIRBY	Muncie, Ind.
ISAAC AND LOVINA KELLY.....	Mill Village, Pa.
S. T. AND S. A. MOON.....	Cuba
GEORGE THOMAS	Greenwich
MRS. E. W. TERRIL.....	Jeffersonville
MRS. JOHN H. HILTON.....	Akron
SAMUEL BIRDSELL	Peru
SAMUEL GRANDIN	Tidioute, Pa.
N. B. AND A. E. JOHNSON.....	Mingo
HENRY AINSWORTH (10).....	Lodi
MR. AND MRS. JOHN MILLER.....	Edgerton
JOHN P. CHAPIN.....	New Philadelphia
CHRISTIAN SWANK	Creston
MRS. S. O. ACOMB.....	Tidioute, Pa.
MRS. JANE BETZ (2).....	Hamilton
MISS HANNAH ALLYN	Akron
MRS. ROSA G. WAKEFIELD.....	Green
MARTHA A. BORTLE.....	Hamilton
DELIA LORING MORRIS.....	Belpre

These scholarships are intended to aid worthy and deserving students, and are awarded by a Scholarship Committee under authority from the Board of Directors.

ENTRANCE REQUIREMENTS

The following supplements the statement of general entrance requirements made on introductory pages.

The minimum requirement for entrance to the Liberal Arts College is 15 units. Not less than 12 of these 15 units must be from the following subjects: English, Mathematics, Foreign Language, Science, History, the Social Sciences. The following $9\frac{1}{2}$ units must be included:

English	3	units
Mathematics (Algebra, $1\frac{1}{2}$; Plane Geometry, 1).....	$2\frac{1}{2}$	units
*Foreign Language (4 recommended).....	2	units
U. S. History and Civics.....	1	unit
Science (must include laboratory work).....	1	unit

THESIS

A thesis showing original research by the student may be presented for graduation. It shall be taken in the subject chosen as the student's major, and shall count for two term hours if carried satisfactorily beyond the regular class room work. The thesis must be handed to the instructor in charge on or before the beginning of the senior vacation.

*These two required units must be in the same language.

Four units of foreign language are required of students in A. B. Courses desiring to major in foreign language. For a major in Latin, or in Latin and Greek, these four units must be Latin.

Foreign language offered for entrance, in excess of four units, and above and beyond the college entrance requirements, will be given 50 per cent credit on college work, provided the grade has been at least 85 per cent and the student continues the language acceptably in the University.

COURSES OF STUDY AND DEGREES

Two courses of study, each requiring 128 term hours for graduation, and leading respectively to the degrees A. B. and B. S., are offered in Buchtel College.

The studies of the freshman year are definitely assigned and required in each course.

FRESHMAN STUDIES

THE A. B. COURSE

Rhetoric	3 credit hours each semester—required	
American Government	4 credit hours each semester—required	
Physical Training (women)	1 credit hour each semester—required	
Physical Training and Military Drill (men)	2 credit hours each semester—required	
French	3 or 4 credit hours each semester	} one required
Spanish	3 or 4 credit hours each semester	
German	3 or 4 credit hours each semester	
Latin	4 credit hours each semester	
Greek	4 credit hours each semester	
*Mathematics	4 credit hours each semester—required	
Current Events	1 credit hour second semester required for women	

THE B. S. COURSE

Rhetoric	3 credit hours each semester—required	
Mathematics	4 credit hours each semester—required	
Physical Training (women)	1 credit hour each semester—required	
Physical Training and Military Drill (men)	2 credit hours each semester—required	
†Chemistry	4 credit hours each semester	} one required
Physics	4 credit hours each semester	
†Biology	4 credit hours each semester	
French	3 or 4 credit hours each semester	} one required
Spanish	3 or 4 credit hours each semester	
German	3 or 4 credit hours each semester	
Current Events	1 credit hour second semester required for women	

First-year special or irregular students are not allowed to elect work above the freshman year.

Students are not allowed to begin two languages at the same time.

*Students in A. B. Courses who do not wish to take Mathematics may choose instead either Latin or Greek.

†Freshmen intending to major in Chemistry must take Chemistry 351 and 352 (7 credit hours each semester) instead of the regular freshman Chemistry, and will postpone Rhetoric until the sophomore year.

Students intending to major in Biology must take Biology in the freshman year.

MAJORS AND MINORS

At the end of the freshman year the student is asked to indicate to the Committee on Classification whatever line of work he may wish to pursue. This subject is then known as the "major". Each major brings with it a number of required "minor" subjects. All work beyond the freshman year and outside the major and minor requirements is elective, 16 hours per semester being counted as regular work.

In the following table of what is required for each major, both freshman and upperclassman subjects are included.

MAJORS LEADING TO THE A. B. DEGREE

- I. *Greek and Latin*. A minimum of 40 hours, at least 14 of which must be Greek.
- II. *Latin*. A minimum of 32 hours.
- III. *German and French*. A minimum of 20 hours of each.
- IV. *Romance Languages*. A minimum of 40 hours (20 hours each of French and Spanish).
- V. *Philosophy*. Twenty-four hours.
- VI. *Political Science*. A minimum of 32 hours.
- VII. *Economics*. A minimum of 24 hours.
- VIII. *Economics and Sociology*. A minimum of 24 hours.
- IX. *History*. A minimum of 30 hours.
- X. *English*. A minimum of 30 hours.

MAJORS LEADING TO THE B. S. DEGREE

- XI. *Chemistry*. A minimum of 40 hours.
- XII. *Mathematics*. A minimum of 32 hours.
- XIII. *Physics*. A minimum of 30 hours.
- XIV. *Biology*. A minimum of 32 hours.

MINORS REQUIRED WITH EACH MAJOR

(The figures indicate semester hours required)

MINORS	Chemistry Major—40 hrs.	Math. Major—32 hours	Physics Major—30 hrs.	Biology Major—32 hrs.	Greek and Latin Major—40 hrs.	Latin Major—32 hrs.	German and French Major—40 hrs.	Romance Lang. Major—40 hrs. ¹	Philosophy Major—24 hrs.	Political Science Major—32 hrs.	Economics (or Econ. and Soc.) Major—24 hrs.	History Major—30 hrs.	English Major—30 hrs.
1. Lit. 63 and 64, 75 and 76, or any two of the following: 68, 69, 70, 72.....	6	4	6	6	6	6	6	6	6	6	6	6	4
2. Human Biology.....	6	6	6	6	6	6	6	6	6	6	6	6	6
3. History.....	6	6	6	6	6	6	6	6	6	6	6	6	6
4. Psychology 201-202.....	6	6	6	6	6	6	6	6	6	6	6	6	6
5. Political Science.....	6	6	6	6	6	6	6	6	6	6	6	6	6
6. Econ. or Sociology.....	6	6	6	6	6	6	6	6	6	6	6	6	6
7. †Modern Language.....	6 ²	6 ³	6 ³	6 ³	6 or 8	6 or 8	6	6	6	6	6	6	6
8. ‡Foreign Language.....	†	†	†	†	†	†	†	†	†	†	†	†	†
9. Public Speaking.....	3	3	3	3	3	3	3	3	3	3	3	3	3
10. *Biology.....	8	8	8	8	*	*	*	*	*	*	*	*	*
11. *Chemistry.....	8	8	8	8	*	*	*	*	*	*	*	*	*
12. *Physics 331 and 332.....	8	8	8	8	*	*	*	*	*	*	*	*	*
13. Soph. Math.....	6		6										6
14. Classical Masterpieces.....													6

†In addition to foreign language for freshman requirements.

‡The minimum requirements in foreign language (including work taken either in high school or in the University) for graduation from the Liberal Arts College is five years. This must include not less than two years of each of two languages. At least two of the five years' work in language must be taken in the University.

*The science requirement in A. B. courses is as follows: (1) one year—8 credit hours—of Chemistry, Physics or Biology. Students who had Chemistry in high school, but not Physics, must take Physics; those who had Physics, but not Chemistry, must take Chemistry; those who had neither, must take either Chemistry or Physics; those who had both, may take either Chemistry, Physics, or Biology; (2) one year—4 credit hours—of Human Biology, except for those who elect Physiology.

¹Must be History of England.

²Must be Psychology.

³Must be second year German or second year French.

DEPARTMENTS OF INSTRUCTION

The general system of numbering and arrangement is according to the following groups:

Subjects	Course Numbers
Biology	401-450
Chemistry	351-400
Economics and Sociology	451-470 and 213-250
English	51-100
Greek and Latin	1- 50
History	271-300
Mathematics	301-330
Modern Languages	101-200
Philosophy	201-212
Physics	331-350
Political Science	251-270

COURSES FOR 1926-1927

BIOLOGY

PROFESSOR PLOWMAN, ASSISTANT PROFESSOR KRAATZ, MR. FOX

A major course in this department consists of not less than thirty-two semester hours of work, and it should include the following departmental numbers: 401-402, 403, 404, 407-408 or 409-410, and 419-420.

For minor requirements see general statement on majors.

See also, for laboratory fees, introductory pages.

All who wish to major in this department should carry Biology 401-402 as the first-year science. Pre-medical students planning to take the combination course with any A-grade medical school should take both Biology 401-402 and Chemistry 351-352 in the first year.

401-402. GENERAL BIOLOGY. First and second semesters. Four credit hours each semester.

This course is made up of two lectures and six hours of laboratory work per week, consisting of a study of parallel groups of the more primitive plants and animals. The purpose of the course is to give the student a clear idea of the fundamental laws of nature, as they relate to the simpler living things, and thus to emphasize the essential unity of the whole realm of life, including man.

General Biology is a prerequisite for all advanced courses in this department. No credit will be allowed for less than the entire year's work in this subject.

ASSISTANT PROFESSOR KRAATZ, MR. FOX AND ASSISTANTS

403. VERTEBRATE ANATOMY. First semester. Four credit hours.
Prerequisite, 401-402.

This course consists of lectures, recitations, and laboratory work in the dissection and study of some of the important systems of organs in animals representing the principal classes of vertebrates. Special emphasis is placed upon the homologies of structure in relation to various problems of the phylogeny of vertebrates.

This course is required of pre-medical students.

ASSISTANT PROFESSOR KRAATZ

404. EMBRYOLOGY OF VERTEBRATES. Second semester. Four credit hours. Prerequisite, 401-402.

This course is made up of comparative studies of early developmental stages in typical vertebrate animals. The student is required to prepare a series of microscope slides of embryonic materials, and to make a thorough study of the beginnings of the various organs of the body.

ASSISTANT PROFESSOR KRAATZ

405. ORGANIC EVOLUTION. First semester. Three credit hours.
Prerequisite, 401-402.

This course consists of lectures, recitations, reference-reading, and reports. A somewhat detailed survey is made of the history and application of the doctrine of organic evolution from the Greeks to the present day. Omitted in 1926-1927.

PROFESSOR PLOWMAN

406. HEREDITY. Second semester. Three credit hours. Prerequisite, 401-402.

This course is made up of lectures, textbook, and reference reading. It includes a study of the theories of biological inheritance, and also of the application of the laws of heredity in the practice of breeding. Some time is given to a study of the modern problems of human eugenics.

PROFESSOR PLOWMAN

- 407-408. HUMAN PHYSIOLOGY. First and second semesters. Four credit hours each semester. Prerequisite, 401-402.

This course consists of four lecture-recitations per week, in a detailed study of the human mechanism and its functioning. A fair knowledge of physics and chemistry will aid the student very materially in this work.

This course is designed especially for college men *other than* pre-medical students, and is open to men only.

This course is given in alternate years, and will be offered in 1926-1927.

PROFESSOR PLOWMAN

409-410. HUMAN PHYSIOLOGY. First and second semesters. Four credit hours each semester. Prerequisite, 401-402.

This course is similar to 407-408, but it is designed especially for college women, and it is open to women only. Students in Curtis School are required to take this course, and it is also adapted to the needs of prospective teachers.

This course alternates with 407-408, and will be omitted in 1926-1927.
PROFESSOR PLOWMAN

411. BIOLOGICAL LABORATORY METHODS. First semester. Credit, up to three hours. Prerequisite, 401-402.

This course deals with practical methods and technique of collecting and preserving plant and animal specimens, and of preparing these materials for laboratory study. Standard practices in killing, hardening, sectioning, and staining tissues are discussed and demonstrated. Instruction is given also in the making of microscope slides, in laboratory photography, and in the preparation of lantern slides, drawings, and charts. The course consists of two lecture demonstrations per week, and selected laboratory problems. Credit is determined by the amount and quality of the laboratory work done, and may not exceed three hours.

PROFESSOR PLOWMAN

412. ECONOMIC BOTANY. Second semester. Three credit hours.

This course begins with a rapid survey of the essential facts of plant anatomy and physiology, as a preliminary to the study of the botanical characteristics, distribution, cultivation, and uses of the more important and valuable food plants, drug plants, fiber plants, timber plants, etc. The course consists of three recitations or lectures per week, and it is open to all college students, without any biological prerequisites.

PROFESSOR PLOWMAN

413-414. HUMAN BIOLOGY. First and second semesters. Two credit hours each semester.

This is a study of the human body, considering briefly its origin, development, essential internal processes, and broader environmental relationships, with special reference to personal health and fitness for the task of efficient living. This course is required of all sophomore men, candidates for the A. B. degree, except such as elect Physiology 407-408.

PROFESSOR PLOWMAN

415-416. HUMAN BIOLOGY. First and second semesters. Two credit hours each semester.

This course is similar to 413-414, but it is more especially adapted to meet the needs of college women. It is open to women students in all departments of the University, and is required of all sophomore women, candidates for the A. B. degree, except such as elect Physiology 409-410.

PROFESSOR PLOWMAN

417. **THE BIOLOGICAL SCIENCES.** First semester. Three credit hours.

This course consists of three lectures per week, with reference reading, dealing with the origin, growth, relations, and future possibilities of some of the essentially biological sciences, such as medicine, surgery, bacteriology, sanitation, embryology, comparative anatomy, cytology, heredity, genetics, eugenics, endocrinology, etc. General Biology 401-402 is the minimum prerequisite, and the more biology the student has taken, the more interesting and profitable this course will be.

PROFESSOR PLOWMAN

418. **CONSERVATION.** Second semester. Three credit hours.

This is a course of lectures and recitations, dealing with the natural resources of the world; their mode of origin, modes of recovery, uses, and conservation. This course forms the natural connecting link between technical biology and the fields of sociology, economics, commerce, etc.

This course is open to all college students, without prerequisite.

PROFESSOR PLOWMAN

419-420. **BACTERIOLOGY.** First and second semesters. Four credit hours each semester. Prerequisite, 401-402.

This course consists of two lecture-recitations and six hours of laboratory work per week. It deals with the history and growth of the science of bacteriology, a study of the nature and properties of micro-organisms, the relations of bacteria to man, bacteriological laboratory technique, and the elements of pathology. General Biology 401-402 is prerequisite, and some knowledge of chemistry is quite essential.

An adaptation of this course, including two lectures and three hours of laboratory work, has been arranged for students majoring in chemistry.

MR. FOX

422. **SANITATION AND PUBLIC HEALTH.** Second semester. Three credit hours. Prerequisite, 401-402.

This is a study of the history and principles of sanitary science, including the working out of specific problems in connection with the water supply, garbage and sewage disposal, factories and institutions of Akron.

MR. FOX

423-424. **BIOLOGICAL PROBLEMS.** First and second semesters. Two to four credit hours each semester.

Advanced undergraduate students, or graduate students in the department, may undertake special lines of biological study under the personal direction of a member of the departmental staff. A complete written record of all such work is required, and the amount of credit will be determined by the nature and amount of the work done.

PROFESSOR PLOWMAN, ASSISTANT PROFESSOR KRAATZ, MR. FOX

695. **HYGIENE AND SANITATION.**

This course is only for students in co-operative courses. For description see under Biology in the College of Engineering and Commerce.

CHEMISTRY

PROFESSOR SIMMONS, ASSISTANT PROFESSOR SCHMIDT, ASSISTANT PROFESSOR SCHAEFER, MR. MOORE, MR. ANDERSON, MR. BISHOP

Major: Forty hours of Chemistry. These courses or equivalent must be included: 351, 352, 359, 360, 357, 358, 367, 368, 371, 372.

Minors: Literature, 6 hrs.; Sophomore Mathematics, 6 hrs.; Philosophy, 6 hrs.; Political Science, 6 hrs.; Economics or Sociology, 6 hrs.; Public Speaking, 3 hrs.; Biology, 8 hrs.; Physics, 8 hrs.; equivalent of 2 years of German or French.

CHEMICAL COURSE

FRESHMAN YEAR		SOPHOMORE YEAR	
Credit hrs. each semester		Credit hrs. each semester	
Gen. Chem. 351 and 352.....	7	Quan. Analysis	4
Mathematics	4	Biology	4
Modern Language	3 or 4	Mathematics	3
Physical and Military Training..	2	Modern Language	3
		Physical and Military Training..	2
		Rhetoric	3
JUNIOR YEAR		SENIOR YEAR	
Org. Chemistry	3	Organic Chemistry	3
Physics	4	Physical Chemistry	3
Electives		Electives	

351. GENERAL INORGANIC CHEMISTRY. First semester. Seven credit hours. Four recitations and nine hours of laboratory work a week.

This course is designed for those majoring in Chemistry.

PROFESSOR SIMMONS

352. QUALITATIVE ANALYSIS. Second semester. Seven credit hours. Four recitations and nine hours of laboratory work a week.

This is a study of the separation and identification of the common cations and anions.

PROFESSOR SIMMONS

353-354. GENERAL INORGANIC CHEMISTRY. First and second semesters. Four credit hours each semester. Two recitations and six hours of laboratory work each week.

This is given for the students as a minor in the B. S. and A. B. courses and should not be taken by those intending to major in Chemistry.

PROFESSOR SIMMONS

359-360. QUANTITATIVE ANALYSIS. First and second semesters. Four credit hours each semester. One recitation or lecture and nine hours of laboratory work a week on select methods of quantitative analysis; the gravimetric analysis of simple salts, minerals, rocks, and alloys.

The second semester is entirely given over to volumetric analysis by oxidation with permanganate and bichromate solution, acidimetry, alkalimetry and iodimetry. Prerequisite, 352.

MR. MOORE

- 355-356. ORGANIC CHEMISTRY FOR PRE-MEDICAL AND HOME ECONOMICS STUDENTS. First and second semesters. Four credit hours each semester. Two recitations and six hours of laboratory work each week.

In this course a survey of the methods and content of organic chemistry is made with reference in particular to processes and compounds important in living organisms. Prerequisite, 353-354.

ASSISTANT PROFESSOR SCHMIDT

- *357-358. ELEMENTARY ORGANIC CHEMISTRY. First and second semesters. Three credit hours each semester. Two recitations and three hours of laboratory work each week.

This course is a study of aliphatic hydrocarbons and their derivatives. The various methods used in the study and preparation of these compounds are practiced in the laboratory. Prerequisite, 360.

ASSISTANT PROFESSOR SCHMIDT

- *367-368. ADVANCED ORGANIC CHEMISTRY. First and second semesters. Three credit hours each semester. Two recitations and three hours of laboratory work each week.

In this course the various derivatives of benzene are studied and the typical syntheses of the various groups are performed in the laboratory. Other cyclic compounds are also studied. Prerequisite, 357-358.

ASSISTANT PROFESSOR SCHMIDT

- *371-372. PHYSICAL CHEMISTRY. First and second semesters. Three credit hours each semester. Two recitations and three hours of laboratory work each week.

The work of this course consists of a study of the properties of gases, liquids, solids, solutions, and chemical equilibrium. The solution of problems is an important part of the class work. The laboratory work consists of physical-chemical measurements. Prerequisite, 367-368 and Physics 331-332.

ASSISTANT PROFESSOR SCHMIDT

- *363-364. CHEMISTRY OF RUBBER TECHNOLOGY. First and second semesters. ~~Three~~ credit hours each semester. One recitation and six hours of laboratory work each week.

The course embraces a study of the following topics: crude rubber; analysis of vulcanized compounds; milling; vulcanizing; physical testing; compounding; accelerators; theories of vulcanization; synthetic rubber; constitution of rubber; reclaimed rubber; substitutes. Prerequisite, 358.

PROFESSOR SIMMONS

*Open only to juniors and seniors.

Faculty action
9/21/26.

*369-370. **INDUSTRIAL ANALYSIS.** First and second semesters. Three credit hours each semester. Nine hours of laboratory work.

The classroom work consists of informal discussions as the laboratory results are handed in. The course covers such analysis and work as deal with water treatment for boiler use, drinking water, milk, iron and steel analysis, mineral and vegetable oils. Prerequisite, 360. MR. MOORE

689-690. **ENGINEERING CHEMISTRY.**

691. **CHEMISTRY OF COMBUSTION.**

692. **METALLURGY OF IRON AND STEEL.**

Courses 689-690, 691 and 692 are given only for students in co-operative engineering courses. For description see under Chemistry in the College of Engineering and Commerce.

ECONOMICS AND SOCIOLOGY

PROFESSOR DAVIS

Major: Two majors are offered: one in Economics, and one in Economics and Sociology. The minimum for each is 24 hours.

The course in Statistics offered in The College of Engineering and Commerce, and the courses in Money and Banking and Corporation Organization Finance offered in the Evening Session, may be taken for credit in this department.

ECONOMICS

451. **PRINCIPLES OF ECONOMICS.** First semester. Three credit hours.

This course covers the basic principles and concepts in economics; the production, consumption, and distribution of wealth. This course or its equivalent is required for entrance to any other course in economics. Students planning to major in economics should take this course in their sophomore year. PROFESSOR DAVIS

452. **PRINCIPLES OF ECONOMICS.** Second semester. Three credit hours.

This course gives an introduction to labor organization and labor problems, money, credit and banking, international trade and foreign exchange, economic crises, transportation, agricultural problems, social programs, public receipts and expenditures. This course is a prerequisite for all advanced courses in economics. PROFESSOR DAVIS

*Open only to juniors and seniors.

***453. LABOR PROBLEMS.** First semester. Three credit hours.

A study of labor organization and labor legislation in America, the conflict between employers and employees, the underlying causes, the efficiency and welfare of the worker, and the various voluntary and legal methods employed by laborers, employers, and the public in an attempt to promote industrial peace. Prerequisite, 451-452. PROFESSOR DAVIS

***454. THE TRUST PROBLEM.** Second semester. Three credit hours.

A history of the development of industrial combinations in the United States; the causes of the movement; methods used in securing combination; practices employed in dealing with competitors, employees, and the public; anti-trust legislation; and the legal and judicial results of governmental effort to secure control of trusts. Prerequisite, 451-452.

PROFESSOR DAVIS

***455. MONEY AND BANKING.** First semester. Three credit hours.

The principles and functions of money, credit and banking, credit instruments, credit and banking institutions, with especial attention to the Federal Reserve System. Prerequisite, 451-452. Not given in 1926-1927.

PROFESSOR DAVIS

***456. BUSINESS FINANCE.** Second semester. Three credit hours.

The different forms of business organization; the formation, promotion, and financial policies of corporations; nature and elements of capitalization, varieties of securities, methods of underwriting, distribution of profits, financing, failure and reorganization. Prerequisite, 451-452. Not given in 1926-1927.

PROFESSOR DAVIS

***457. ECONOMIC THEORY.** First semester. Three credit hours.

This course deals with some of the more important problems of economic theory as applied to the factors and functions of production, capital and capitalization, value and price, wages, interest, rent and profits, price theories, and theories of the business cycle. Required of all majors in economics. Prerequisite, 451-452.

PROFESSOR DAVIS

***458. FOREIGN TRADE AND FOREIGN EXCHANGE.** Second semester. Three credit hours.

This course deals with recent tendencies in the foreign trade of the United States, the principle of comparative cost, the balance of trade, ocean shipping, the technique of handling and financing foreign trade, the fundamentals of foreign bills of exchange, import and export credits, gold movements and the influence of investment and speculation, international creditor and debtor aspects, and governmental interference with rates of exchange and foreign trade. Prerequisite, 451-452.

PROFESSOR DAVIS

***459. ECONOMICS OF TRANSPORTATION.** Second semester. Three credit hours. Prerequisite, 451-452. Not offered in 1926-1927.

PROFESSOR DAVIS

*Open only to juniors and seniors.

- *460. INVESTMENTS. First semester. Three credit hours. Prerequisite, 451-452. Not offered in 1926-1927.

PROFESSOR DAVIS

SOCIOLOGY

The course in Social Psychology given in Teachers College will be credited toward a major in Economics and Sociology.

213. INTRODUCTION TO SOCIOLOGY. First semester. Three credit hours.
214. SOCIAL PROBLEMS. Second semester. Three credit hours. Prerequisite, 213.
215. PROBLEMS OF POPULATION. First semester. Three credit hours. Prerequisite, 214.
216. METHODS OF SOCIAL SCIENCE. Second semester. Three credit hours. Prerequisite, 214.
- 221-222. SOCIAL CASE WORK. First and second semesters, but may be taken either semester. One or two credit hours each semester. Only seniors who have completed Sociology 213, 214, 215, 216, and Economics 451, 452 may elect this course.

The work includes three or six hours of supervised field work a week under the supervision of the Family Service Society. Although especially for persons who are planning to become social workers, this course will also be very helpful to others.

ENGLISH

DEAN SPANTON, PROFESSOR PEASE, MISS MITCHELL, MR. GRISMER, MR. VANCE, MISS CUSHMAN, MISS FREEDLANDER

Major: Rhetoric 51-52, 6 hours; Advanced Composition 55-56, 4 hours; courses in English literature and language, 20 hours. A total of 30 hours.

RHETORIC

51. RHETORIC. First semester. Repeated the second semester. Three credit hours.

This course is designed for elementary instruction in English composition. Students are given practice in expressing their own ideas clearly, correctly, concisely, and concretely. Attention is devoted particularly to sentence and to paragraph structure, and to writing short expository compositions.

PROFESSOR PEASE, MISS MITCHELL, MR. GRISMER, MISS FREEDLANDER.

*Open only to juniors and seniors.

52. RHETORIC. Second semester. Also given the first semester. Three credit hours. Prerequisite, 51.

This course is designed with the same purpose as 51, of which it is a continuation. Attention, however, is given to description, characterization, and narration. The students write compositions that build up to a final long narrative work.

PROFESSOR PEASE, MISS MITCHELL, MR. GRISMER,
MISS FREEDLANDER.

57. RHETORIC. First semester. Two credit hours.

This is a course in composition required of all students who fail to make a grade of C or higher in Rhetoric 52.

MISS MITCHELL

55. ADVANCED COMPOSITION: SHORT STORY WRITING. First semester. Two credit hours. Prerequisite, 51-52.

The basic work is the writing of original short stories. Pitkin's texts are used as guides to the modern theory of this type. Wide illustrative readings in both the story and the short play are required.

PROFESSOR PEASE

56. ADVANCED COMPOSITION: ESSAY WRITING. Second semester. Two credit hours. Prerequisite, 51-52.

Expositional and descriptive themes will be developed on lines of individual choice. Modern essayists will be studied for illustration of methods and style.

PROFESSOR PEASE

- DEBATE. First semester. Two credit hours. Prerequisite, 51-52.

This course deals with the analysis of the proposition, the construction of the brief, the study of evidence, the construction of the speech, refutation, expression, and platform practice. The aim is to develop logical thinking and effective speaking.

MR. WEBER

LANGUAGE AND LITERATURE

Required Work: In addition to Rhetoric 51-52, students in all courses must take at least six hours in this department as a required minor. This requirement may be met by electing 63-64, 75-76, or any two of the following: 68, 69, 70, 72.

Order of Work: Courses 65-66 are prerequisite to the more advanced courses and must be taken in the sophomore year by students desiring to major in English. English History 273-274 should also be taken in the sophomore year.

- 63-64. INTRODUCTION TO LITERATURE: TYPES OF PROSE AND POETRY. First and second semesters. Three credit hours each semester. Prerequisite, 51-52.

This course stresses literary types and characteristics rather than the historical development of English literature. Types of prose are studied the first semester; types of poetry, the second semester.

MR. GRISMER, MISS MITCHELL

65-66. HISTORY OF ENGLISH LITERATURE. First and second semesters. Three credit hours each semester. Prerequisite, 51-52.

The course presents an introductory survey of the great English authors, the chief types of prose and poetry, and the historical backgrounds and tendencies of literary periods. This course, not 63-64, should be elected by students who are majoring in English or who plan to take other courses in literature. PROFESSOR PEASE

*67. CHAUCER. First semester. Three credit hours. Prerequisite, 65-66.

The work includes a careful study of the best of the Canterbury Tales and a more rapid reading of other important portions of Chaucer's work, Readings, papers. PROFESSOR PEASE

72. HISTORY OF THE ENGLISH LANGUAGE. Second semester. Three credit hours. Prerequisite, 51-52. PROFESSOR PEASE

69. SHAKSPERE. First semester. Three credit hours. Prerequisite, 51-52.

A study of the development of Shakspeare as a dramatist and his place in the Elizabethan Age and in the history of English literature. Most of the plays are read. DEAN SPANTON

68. WORD STUDY. Second semester. Three credit hours. Prerequisite, 51-52.

After a few introductory lectures on language, the work centers in the study of words—their origin, development, significance, and habits. DEAN SPANTON

*73-74. NINETEENTH CENTURY LITERATURE. First and second semesters. Three credit hours each semester. Prerequisite, 65-66.

The first semester's work covers the romantic movement of the earlier nineteenth century and includes a study of the leading works of Wordsworth, Coleridge, Byron, Shelley, Keats, DeQuincey, Lamb, and their contemporaries. The work of the second semester is a study of the leading authors of the Victorian Age, exclusive of the novelists and Tennyson and Browning. Not offered in 1926-1927. DEAN SPANTON

70. THE ENGLISH BIBLE AS LITERATURE. First semester. Three credit hours. Prerequisite, 51-52.

To the student of literature the Bible has a two-fold interest entirely apart from its religious value; it is itself noble literature, and it has influenced the literature of the English-speaking world more profoundly than has any other book. The object of this course is to help the student to see the beauty and power of the Bible as literature; its narrative, exposition, and poetry. Not offered in 1926-1927. DEAN SPANTON

*Open only to juniors and seniors.

*71. TENNYSON AND BROWNING. Second semester. Three credit hours. Prerequisite, 65-66. DEAN SPANTON

*79-80. ENGLISH FICTION: DEVELOPMENT OF THE NOVEL. First and second semesters. Three credit hours each semester. Prerequisite, 65-66 or 75-76.

The evolution of the novel, as a distinct type, is followed down from the time of the medieval romances. Emphasis is given to eighteenth and nineteenth century development, with selections, as time allows, from contemporary works. Not offered in 1926-1927. PROFESSOR PEASE

*82. THE MODERN DRAMA. Second semester. Three credit hours. Prerequisite, 65-66.

This course is a study of the principal dramatic writers from the nineteenth century to the present time. Lectures, readings, and papers. Not offered in 1926-1927. MISS MITCHELL

78. VERSIFICATION. Second semester. Three credit hours. Prerequisite, 51-52.

The course includes a study of modern poetry, with the writing of original papers and exercises. Special attention will be given to poetic values and the technique of verse. Admission to class is conditional on grades made in previous courses in composition. Not offered in 1926-1927. PROFESSOR PEASE

75-76. AMERICAN LITERATURE. First and second semesters. Three credit hours each semester. Prerequisite, 51-52.

After a somewhat rapid survey of the literature of the Colonial and Revolutionary Periods, the work centers in a study of the leading poets and prose writers of our later literature. PROFESSOR PEASE

83. GREEK MASTERPIECES THROUGH ENGLISH TRANSLATIONS. First semester. Three credit hours. Prerequisite, 51-52.

A careful study is made of the various forms of Greek literature and the chief works in the fields of epic and lyric poetry, the drama, history, and philosophy. This course is a required minor for an English major.

PROFESSOR ROCKWELL

84. LATIN MASTERPIECES THROUGH ENGLISH TRANSLATIONS. Second semester. Three credit hours. Prerequisite, 83.

This course, like 83, of which it is a continuation, is a required minor for an English major. PROFESSOR ROCKWELL

62. USE OF THE LIBRARY. Second semester. Two credit hours. Prerequisite, 51-52.

The work includes a study of the card catalog, indexes, general reference books, and other bibliographical aids designed to help the student do efficient reference work for himself. Each student will work out a bibliography on some subject in which he is particularly interested.

*Open only to juniors and seniors.

660-661. ENGLISH COMPOSITION. (For engineering students.)

662-663. ENGLISH COMPOSITION. (For commerce students.)

664-665. ENGLISH LITERATURE.

Courses 660 to 665 inclusive are given only for students in co-operative courses. For description see under English in the College of Engineering and Commerce.

JOURNALISM

Students desiring to take work in journalism should elect English as their major study. Regular freshman work, including Rhetoric 51-52, must be taken the first year. Besides courses necessary to fulfill requirements, journalism courses may be taken as follows: sophomore year, Reporting and News Writing 53-54; junior year, Editing 59-60; senior year, Editorial Writing the first semester, and Feature Writing the second semester.

53-54. REPORTING AND NEWS WRITING. First and second semesters. Three credit hours each semester. Prerequisite, 51-52.

Members of this class form the reporting staff of The Buchtelite, the student newspaper. Gathering of facts and writing of newspaper stories are studied. Emphasis the first semester is on the gathering of news; the second semester, on the writing of news. Class meets two periods each week. This class will edit a day's issues of one of the Akron newspapers each semester. A text book is used in the course. MR. VANCE

*59-60. EDITING. First and second semesters. Two credit hours each semester. Prerequisite, 53-54, or its equivalent.

Members of this class edit The Buchtelite, the student newspaper. Problems of headline writing, copyreading, and makeup are studied. Actual practice in editing The Buchtelite at regular intervals is required. This class will do all the reporting for a day's issues of one of the Akron newspapers each semester. A handbook is studied. MR. VANCE

61. EDITORIAL WRITING. First semester. Two credit hours. Prerequisite, 51-52.

The newspaper editorial will be considered in this course as a specialized type of essay. The work of leading writers will be studied, and editorials will be written for publication. A text book on Editorial Writing will be used and considerable outside reading will be required.

MR. VANCE

62. FEATURE WRITING. Second semester. Two credit hours. Prerequisite, 51-52.

The writing of special feature articles for newspapers and magazines will be studied, with especial attention to the style and construction of these articles. Students will be urged to submit articles for publication. The course includes text book study. MR. VANCE

*Open only to juniors and seniors.

SPEECH

MISS MCEBRIGHT

A three-years' course is offered in the department of Speech. Progressive educators recognize a well-trained voice with well-trained mind to be an essential part of education, and a valuable asset in the business and social world. One semester of Speech is required for graduation.

Instruction is given by the department of Speech to students who enter debates and the oratorical and Ashton Prize speaking contests.

91. ELEMENTARY COURSE. First semester. Repeated second semester. Three credit hours.

The fundamental principles of Voice and Speech are studied, including voice technique, tone-placing, tone-building, enunciation, literary analysis, gestures, and evolution of expression—vocal and physical.

MISS MCEBRIGHT

92. ELEMENTARY COURSE. Second semester. Three credit hours. Prerequisite, 91.

This course is a continuation of 91. Particular attention is given to the study of literary analysis, gesture, evolution of expression, development of imagination, and sympathetic insight into literature.

MISS MCEBRIGHT

93-94. ADVANCED COURSE. First and second semesters. Three credit hours each semester. Prerequisite, 91.

The first semester the work includes literary, dramatic, and artistic interpretation, and character study. Shakspeare's plays and classic comedies are studied.

In the second semester dramatic reading of plays is continued. Special attention is given to extempore speeches, critiques, and personal development.

MISS MCEBRIGHT

95-96. DRAMATIC STUDY. First and second semesters. One credit hour each semester. Prerequisite, 91.

The Dramatic Study Club meets once a week for class work. Each member pledges himself not only to the class but to all rehearsals called by the president of the club, or by the instructor of the class. This club presents publicly all plays rehearsed. At least two plays a year will be presented.

MISS MCEBRIGHT

FRENCH

(See MODERN LANGUAGES)

GERMAN

(See MODERN LANGUAGES)

GREEK AND LATIN

PROFESSOR ROCKWELL

GREEK

Major: A minimum of forty hours is required for a major in Greek and Latin. At least fourteen hours must be taken in Greek.

1-2. WHITE'S GREEK BOOK AND THE GOSPEL OF MARK. First and second semesters. Four credit hours each semester.

Special emphasis is placed on the structure of the Greek verb and the synopsis of tenses. PROFESSOR ROCKWELL

3. SELECTIONS FROM PLATO. First semester. Three credit hours. Prerequisite, 1-2.

Special study is made of Socrates' position in philosophy and of the foundation he laid for modern thought. PROFESSOR ROCKWELL

4. SELECTIONS FROM HOMER'S ODYSSEY. Second semester. Three credit hours. Prerequisite, 3.

Homer's language, style, and times are investigated. PROFESSOR ROCKWELL

83. GREEK MASTERPIECES THROUGH ENGLISH TRANSLATIONS. First semester. Three credit hours.

A careful study is made of the various forms of Greek literature and the chief works in the fields of epic and lyric poetry, the drama, history, and philosophy. This course is a required minor for a major in English.

PROFESSOR ROCKWELL

CLASSICAL ARCHAEOLOGY

Courses 17 and 18 will count toward either major offered in this department.

17-18. GREEK SCULPTURE. First and second semesters. Two credit hours each semester.

The early Greek schools are studied in their historical and art relations, and later the six Greek masters and the Hellenistic period.

During the second semester special topics for investigation are assigned to each member of the class. Not offered in 1926-1927.

PROFESSOR ROCKWELL

19. CLASSICAL MYTHOLOGY. First semester. Three credit hours.

The origin of the myths and their historical background are studied with the many references to them in English literature.

PROFESSOR ROCKWELL

LATIN

Major: Four units of Latin are required of all students entering freshman Latin. Thirty-two hours constitute a major in Latin.

Forty hours constitute a major in Greek and Latin. At least fourteen hours must be taken in Greek.

Opportunity is given students who have completed the first two years of Latin to take advanced courses in the literature, private life, and prose composition.

25. CICERO'S DE AMICITIA AND OVID'S METAMORPHOSES I AND II. First semester. Four credit hours.

During the freshman year a careful study is made of sentence construction, idiomatic and rhetorical expressions, and written translations constitute an important feature of the work. Required of all freshmen in Majors I and II. PROFESSOR ROCKWELL

26. PLINY'S LETTERS, SELECTIONS. Second semester. Four credit hours.

Those letters are read which refer to the history and the private life of the times. Required of all freshmen in Majors I and II.

PROFESSOR ROCKWELL

27. LIVY, BOOK XXII. First semester. Three credit hours.

Livy's style as a historian and Hannibal's genius as a strategist are emphasized. Prerequisite, 25 and 26. PROFESSOR ROCKWELL

28. TERENCE'S PHORMIO, HORACE'S ODES AND EPODES. Second semester. Three credit hours. Prerequisite, 27.

The structure of Terence's play is carefully studied. One recitation is given to the study of Roman private life and translating Latin at sight.

PROFESSOR ROCKWELL

29. CICERO'S DE OFFICIIS, BOOK III. First semester. Three credit hours. Prerequisite, 25 and 26.

The principles of the different schools of philosophy are taken up in detail and also Cicero's position in reference to the intuitional and utilitarian schools. Not offered in 1926-1927. PROFESSOR ROCKWELL

30. HORACE'S SATIRES. Second semester. Three credit hours. Prerequisite, 29.

Horace's practical outlook on life is emphasized. Not offered in 1926-1927. PROFESSOR ROCKWELL

84. LATIN MASTERPIECES THROUGH ENGLISH TRANSLATIONS. Second semester. Three credit hours. Continuation of course 83.

This course is a required minor for a major in English.

PROFESSOR ROCKWELL

HISTORY

DEAN THOMPSON, ASSISTANT PROFESSOR GARDNER

Major: Thirty hours elected above the Freshman year and exclusive of Course 1-2 constitute a major in History. Those students working for a major must take the following courses: 1-2, 271-272, 273-274, 275-276, 277-278, 287-288. Most of the courses in this department are year courses; students cannot enter them in the middle of the year, nor is credit given until the year's work is completed.

1-2. A GENERAL SURVEY OF HISTORY. First and second semesters. Three credit hours each semester. Open to all upperclassmen.

A general comprehensive view of the history of the world is given in this course, by lectures and collateral reading. DEAN THOMPSON

271-272. MEDIEVAL HISTORY. First and second semesters. Two credit hours each semester.

The period from the fall of Rome to the second barbarian invasions is covered in the first semester. The second semester extends to the sixteenth century. ASSISTANT PROFESSOR GARDNER

*287-288. THE FOUNDATIONS OF MODERN EUROPE. First and second semesters. Two credit hours each semester. Prerequisite, 1-2, 271-272.

The first semester extends from the sixteenth century to the Treaty of Utrecht. The second semester covers the period to the Congress of Vienna. DEAN THOMPSON

*275-276. HISTORY OF MODERN EUROPE. First and second semesters. Three credit hours each semester. Prerequisite, 287-288.

The first semester covers the History of Europe from 1815 to 1870. In the second semester special attention is given to present day problems. DEAN THOMPSON

273-274. HISTORY OF ENGLAND. First and second semesters. Three credit hours each semester.

The first semester of this course covers the formation of the English race and civilization, the growth of the national government, economic and social conditions, and the influence of the church.

In the second semester, special attention will be given to constitutional, colonial, and present day affairs.

ASSISTANT PROFESSOR GARDNER

*Open only to juniors and seniors.

277-278. AMERICAN HISTORY. First and second semesters. Three credit hours each semester. Entrance to the course second semester on permission of instructor.

This is a close study, during the first semester, of the foundations of the nation, Jeffersonian and Jacksonian democracy, and the problems leading to the Civil War. The problems of American history from the Civil War to the present day will be covered in the second semester.

ASSISTANT PROFESSOR GARDNER

*285-286. RENAISSANCE AND REFORMATION. First and second semesters. Two credit hours each semester. Prerequisite, twelve hours of history.

The first semester is devoted to an intensive study of the Renaissance movement. The second semester covers a like study of the Reformation.

DEAN THOMPSON

*283-284. POLITICAL GEOGRAPHY. First and second semesters. Two credit hours each semester. Prerequisite, 275-276 or 273-274.

This course is a study of problems in political geography which are effects of the Great War. Not given in 1926-1927.

DEAN THOMPSON

17-18. AMERICAN COLONIAL HISTORY. First and second semesters. Two credit hours each semester.

In the first semester, the Colonial period of our nation is covered to 1688. The second semester deals with the development of the characteristics studied during the first semester, with particular emphasis on the Revolutionary period.

ASSISTANT PROFESSOR GARDNER

*ECONOMIC HISTORY OF THE UNITED STATES. First and second semesters. Two credit hours each semester. Prerequisite, 277-278, or permission of the instructor.

This course may be entered second semester on permission of the instructor. A study will be made in the first term of the foundation and formation of American economic institutions and ideas.

In the second semester particular attention will be devoted to the economic problems since the Civil War. Not given in 1926-1927.

ASSISTANT PROFESSOR GARDNER

ANCIENT AND HELLENIC CIVILIZATIONS. First semester. Two credit hours.

This course takes up the ancient forms of culture and government, and covers problems of the Greeks in particular. Not given in 1926-1927.

DEAN THOMPSON

*Open only to juniors and seniors.

ROMAN CIVILIZATION. Second semester. Two credit hours.

The growth of Roman government and culture is studied in this course. Not given in 1926-1927. DEAN THOMPSON

HISTORY OF CENTRAL AND SOUTH AMERICA. First semester. Two credit hours.

This course is a study of the history, economic conditions, and diplomatic relations of Latin-America. Not given in 1926-1927.

DEAN THOMPSON

HISTORY OF CANADA. Second semester. Two credit hours.

A special study is made of that great Dominion, covering both the period of French and of British control. Not given in 1926-1927.

ASSISTANT PROFESSOR GARDNER

JOURNALISM

(See ENGLISH)

LATIN

(See GREEK and LATIN)

MATHEMATICS

PROFESSOR JONES, PROFESSOR EGBERT, MISS LIPSCOMBE, MISS YOUNG

Major: A total of thirty-two hours is required for a major in mathematics. Courses 301, 302, 303, 304, and 305 must be included.

302. ALGEBRA. First semester. Repeated second semester. Four credit hours.

The course includes a review of elementary algebra, and takes up the study of surds, linear and non-linear equations, proportion and variation, progressions, mathematical induction and binomial theorem, and permutations and combinations.

PROFESSOR JONES, PROFESSOR EGBERT, MISS LIPSCOMBE

301. TRIGONOMETRY. Second semester. Also offered the first semester. Four credit hours.

The following topics are studied: angles and their measurements, the trigonometric functions, fundamental identities, reduction theorems, addition and multiplication theorems, trigonometric equations, the inverse trigonometric functions, the right and oblique triangles, and logarithms.

PROFESSOR JONES, PROFESSOR EGBERT, MISS LIPSCOMBE

303. ANALYTIC GEOMETRY. First semester. Three credit hours. Prerequisites, 301 and 302.

The following topics are studied: the straight line, the circle, conic sections, loci, polar co-ordinates and curves, transformation of co-ordinates, the plane, the line, and surfaces of second degree in space.

MISS LIPSCOMBE

304. DIFFERENTIAL CALCULUS. Second semester. Three credit hours.
Prerequisite, 303.

This course takes up the study of differentiation, maxima and minima, curve tracing, curvature, indeterminate forms, expansion of functions, and applications of geometry and mechanics. PROFESSOR EGBERT

*305. INTEGRAL CALCULUS. First semester. Three credit hours. Pre-requisite, 304.

This course includes the integration of functions by general and special methods; the determination of lengths, areas, and volumes; and numerous applications, such as center of gravity, moment of inertia, and center of pressure. PROFESSOR EGBERT

309. HISTORY OF MATHEMATICS. Second semester. Three credit hours. Prerequisites, 301 and 302.

The history of the invention and development of the notions, languages, symbols, and methods of elementary mathematics will be taken up in this course. PROFESSOR JONES

DIFFERENTIAL EQUATIONS. First semester. Three credit hours. Prerequisite, 305.

This course deals with the solution of equations found in the problems of physics, chemistry, and engineering. PROFESSOR JONES

*ADVANCED CALCULUS. Second semester. Three credit hours. Prerequisite, 305.

The following subjects are studied: partial differentiation, multiple integrals, differentiation of integrals, transformation of differentials and integrals, infinite series, curves and surfaces. PROFESSOR JONES

321-322. DESCRIPTIVE ASTRONOMY. First and second semesters.
Three credit hours each semester. Prerequisites, 301 and 302.

During the first semester this course takes up the study of the celestial sphere, astronomical instruments, elementary celestial mechanics, and the solar system.

During the second semester the following subjects are studied: the fixed stars, double stars, nebulae, constellations, cosmogony.

PROFESSOR EGBERT

650-651, 652-653, 654, 655-656. ENGINEERING MATHEMATICS.

658-659. COMMERCE MATHEMATICS.

These courses are given only for students in co-operative courses. For description see under Mathematics in the College of Engineering and Commerce.

*Open only to juniors and seniors.

MILITARY SCIENCE AND TACTICS
RESERVE OFFICERS' TRAINING CORPS

CAPTAIN WM. L. TYDINGS, FIRST LIEUTENANT MERL L. BRODERICK,
FIRST LIEUTENANT EDMUND MORTIMER GREGORIE,
MASTER SERGEANT HENRY METZGER

In 1919 the U. S. Government established at the University of Akron a unit of the Reserve Officers' Training Corps. This unit is of the same sort as those established at practically all of the large universities and colleges throughout the country with the idea of producing trained men for the Officers' Reserve Corps. The instruction is divided into two parts: the basic course of the first two years, compulsory for all freshman and sophomore men who are physically fit; and the advanced course of the last two years, elective for the men who have completed the basic course satisfactorily.

BASIC COURSE

All freshman men not physically disqualified must take this course, unless they have been in the federal service more than one year, or are not citizens of the United States. The work is given three hours per week for the first two years. In addition, all men of the basic course are required to take two hours' physical training each week under the direction of the Physical Director. Two hours' credit is given each semester for this combined course of military drill and physical training.

Men entering the College of Liberal Arts of the University of Akron with advanced credit from other institutions are not required to take military and physical training if they have been two years in attendance at another institution of collegiate grade, or if they present 48 hours of college credits.

During this basic course no compensation is paid the student by the war department, but uniforms and equipment are issued for his use. Each student is held responsible for loss or damage to government property issued to him. Uniforms must be turned in at the completion of each year, or at the time of leaving school; they are replaced at the beginning of the next school year.

Students entering this institution from other colleges or universities and claiming credit for previous military instruction, will confer with the military department at the beginning of the term and ascertain the amount of credit which can be given them on account of such previous military instruction. This will enable such new students to arrange their programs promptly and satisfactorily.

BASIC COURSE, 3 HOURS, FRESHMAN YEAR

Subject	Theoretical Hours	Practical Hours
Military Courtesy	3	
Command and Leadership	30	34
Rifle Marksmanship	5	10
Physical Training		6
Military Hygiene and First Aid	6	2
Total hours per school year.....	44	52.....96

BASIC COURSE, 3 HOURS, SOPHOMORE YEAR

Subject	Theoretical Hours	Practical Hours
Scouting and Patrolling	4	8
Automatic Rifle	4	8
Musketry	4	6
Command and Leadership	20	38
Interior Guard Duty	2	2
Total hours per school year.....	34	62.....96

ADVANCED COURSE

This course consists of five hours per week (three hours' credit per semester) during the junior and senior years. It is open to all students who have satisfactorily completed the basic course, provided they have been selected by the President of the University and the Professor of Military Science and Tactics. A deposit of \$10.00 is required, which is returned to the student upon surrender of his uniform, if he has completed the academic year. During this course the Government not only furnishes uniform and equipment, but also allows commutation of subsistence, which varies from time to time, at present being \$10 per month. Attendance at one summer camp of not more than six weeks' duration is required; for this attendance pay at the rate of \$0.70 a day is allowed. On the satisfactory completion of the advanced course, the student is commissioned in the Army of the United States as a second lieutenant. Promotions are made as in the regular army.

ADVANCED COURSE, 5 HOURS, JUNIOR YEAR

Subject	Theoretical Hours	Practical Hours
Browning Machine Gun	18	38
Field Engineering	8	4
Military Law		
Rules of Land Warfare }	12	4
Command and Leadership	18	34
Military Sketching	10	14
Total hours per school year.....	66	94.....160

ADVANCED COURSE, 5 HOURS, SENIOR YEAR

Subject	Theoretical Hours	Practical Hours
Military History and National Defense Act.....	20	
Administration	2	6
Combat Principles	21	31
Command and Leadership	18	34
Howitzer Company Weapons	14	14
Total hours per school year.....	75	85.....160

Prerequisites for the advanced course are successful completion of the basic course, and selection by the President of the University and the Professor of Military Science and Tactics.

Either basic or advanced course, once entered upon, must be completed as a prerequisite for graduation.

Instruction consists of theoretical classroom work with proper preparation of subjects for recitations, and practical work either indoors or out, putting into execution the lessons learned in the classroom. The facilities of the basic as well as of the advanced course should be utilized to the fullest extent, so that our Reserve Corps of officers may be strengthened by trained college graduates.

SUMMER CAMPS

A summer camp is held each year for the benefit of those students who desire to attend. One camp of six weeks' duration is required of all members of the advanced course. Attendance at the summer camp is not compulsory for students taking the basic course; but to those who attend, the Government pays mileage from their homes to the camp and return, at the rate of five cents per mile. All clothing, equipment, and subsistence is furnished at the camp at no expense to the student. Athletics, dances, and other forms of social amusement play a part in the camps, as well as shooting on the rifle range, troop maneuvers, etc. Those desiring to attend should signify their intention at the completion of the first semester so that proper arrangements can be made for them at the camp.

MODERN LANGUAGES

PROFESSOR BULGER, ASSISTANT PROFESSOR REED, MR. TAILLIART,
MISS ROGERS, MISS BROWN

Candidates for entrance presenting but one year of modern language may take the second year on trial if they made a grade of at least 85%. If their grade was lower than 85%, they must take the first year over, and they will receive only half credit for the work.

Students presenting one or two years of a foreign language for entrance will enter the second year; those presenting three or four years will enter the third year.

Major: The minimum for a major in this department is 40 hours. The work must include at least 20 hours of each of two of the languages offered (German, French, Spanish).

FRENCH

151-152. BEGINNING FRENCH. First and second semesters. Four credit hours each semester.

The work in the first semester includes a thorough study of grammar, with special emphasis upon dictation and oral work.

In the second semester, work in grammar is continued with the reading of two hundred or more pages of French.

ASSISTANT PROFESSOR REED

153-154. SECOND YEAR FRENCH. First and second semesters. Three credit hours each semester. Prerequisite, 151-152.

This course reviews grammar and stresses idioms and irregular verbs. It includes the reading of stories and plays, with a required resumé of each written in French.

MR. TAILLIART

155-156. THIRD YEAR FRENCH: THE FRENCH NOVEL. First and second semesters. Prerequisite, 153-154.

The work includes the reading and study of eight or nine leading novels of the nineteenth century.

ASSISTANT PROFESSOR REED

157-162. ADVANCED FRENCH. First and second semesters. Three credit hours each semester. Prerequisite, 155-156.

This course will be chosen from the following list: 157-158, The French Drama of the 17th Century; 159-160, a survey of French Literature; 161-162, Modern Literature.

MR. TAILLIART

SPANISH

171-172. BEGINNING SPANISH. First and second semesters. Four credit hours each semester.

This course is designed to give intensive training in composition, dictation, conversation, and the reading of simple prose.

MISS ROGERS AND MISS BROWN

173-174. **SECOND YEAR SPANISH.** First and second semesters. Three credit hours each semester. Prerequisite, 171-172.

This course includes a review of grammar, with dictation, conversation, and the reading of several texts. MISS ROGERS

175-176. **THE SPANISH DRAMA.** First and second semesters. Three credit hours each semester. Prerequisite, 173-174 or the equivalent with a grade not lower than B.

The first semester includes the study of the Spanish drama of the seventeenth century, followed by the reading of selected plays of the nineteenth century and the present epoch in the second semester. Collateral assignments and reports are required throughout the year, as well as dictation and resumés in Spanish. Not offered 1926-1927. MISS ROGERS

177-178. **THE SPANISH NOVEL.** First and second semesters. Three credit hours each semester. Prerequisite, 173-174 or the equivalent with a grade not lower than B.

This course includes the reading of Don Quixote and representative works of Spanish novelists of the nineteenth and twentieth centuries. This course and 175-176 are given in alternate years. MISS ROGERS

181-182. **COMMERCIAL SPANISH.** First and second semesters. Two credit hours each semester. Prerequisite, 173-174.

The aim of the course is to give the student a working knowledge of present-day conditions in the principal Hispanic countries. Class work will consist of correspondence representing actual business transactions, supplemented by collateral reading dealing with Latin America.

MISS ROGERS

671-672. **BEGINNING SPANISH.**

673-674. **SECOND YEAR SPANISH.**

Courses 671-672 and 673-674 are given only for students in co-operative courses. For description, see under Spanish in the College of Engineering and Commerce.

GERMAN

101-102. **FIRST YEAR GERMAN.** First and second semesters. Four credit hours each semester.

This course is designed for beginners and consists of grammar and easy readings, with practice in speaking and writing German.

PROFESSOR BULGER

103-104. **SECOND YEAR GERMAN.** First and second semesters. Three credit hours each semester. Prerequisite, 101-102.

In this course a review of grammar is given with advanced readings of prose and verse. Special emphasis is put upon the practice of writing and speaking German.

PROFESSOR BULGER

107-123. **ADVANCED GERMAN.** First and second semesters. Three credit hours each semester. Prerequisite, 103-104.

At least one of the following advanced courses will be offered: 107-108, Goethe; 111-112, History of German Literature; 115-116, Schiller; 123, Lessing, and 118, Modern Drama. These courses are conducted entirely in the German language and require reports of research work.

PROFESSOR BULGER

MUSIC

MR. FRANCESCO B. DE LEONE, *Director*

The work in music is open to election by members of all college classes. It includes a recitation course in the study of music, meeting twice a week through the year, and participation in Glee Club, Band, or Orchestra, two hours each week.

All students desiring to participate in the classroom work in music, or in Orchestra, Band or Glee Club, must arrange for it on registration days as part of their regular assignment of work for the semester.

In no case shall the total credit for music exceed ten semester hours.

Students who desire to take no studies except music must fulfill the regular requirements for college entrance.

THE STUDY OF MUSIC. First and second semesters. Two credit hours each semester.

This course is carried on as classroom work and is chosen from the following subjects: rudiments, theory of music and elementary harmony, thorough bass, ear training, first year history of music, biographical history of music, musical appreciation, study of operas, etc. Students are not allowed to enter the course in the middle of the year.

MEN'S GLEE CLUB. First and second semesters. One credit hour each semester.

WOMEN'S GLEE CLUB. First and second semesters. One credit hour each semester.

ORCHESTRA. First and second semesters. One credit hour each semester.

BAND. First and second semesters. One credit hour each semester.

PHILOSOPHY

PROFESSOR OLIN

Major: A full major is given in the department, consisting of Philosophy, Ethics, Psychology, Logic. Twenty-four hours.

201-202. PSYCHOLOGY. First and second semesters. Three credit hours each semester. Text-book: Essentials of Psychology, Pillsbury.

This is an introductory course covering the whole subject. Experiment and seminar work accompany the text. PROFESSOR OLIN

*203-204. ETHICS. First and second semesters. Three credit hours each semester. Text-books: Mackenzie and Valentine.

This is a study of the ideals and standards of conduct, the development of the individual life, and the laws of moral progress. Prerequisite, Psychology 201-202. PROFESSOR OLIN

*207-208. PHILOSOPHY. First and second semesters. Three credit hours each semester. Text-book: Fletcher's Introduction to Philosophy.

This is an elementary course in the history and scope of Philosophy, the nature of reality and knowledge, the categories of the understanding, and the relation of consciousness to the external world. Prerequisite, Psychology 201-202. PROFESSOR OLIN

*209. HISTORY OF MODERN PHILOSOPHY. First semester. Three credit hours. Prerequisite, 207-208. PROFESSOR OLIN

206. LOGIC. Second semester. Three credit hours.

Logic deals with the science of reasoning and the methods of research. It should be taken in the sophomore year, but is open to all upper classmen. PROFESSOR OLIN

PHYSICAL EDUCATION

PROFESSOR SEFTON, ASSISTANT PROFESSOR COLEMAN, ASSISTANT PROFESSOR BABCOCK, MR. SMITH, MR. RICKER, MISS DUNCKLEY

AIMS

Physical education is conducted under the direct supervision of experienced physical directors, who are members of the University faculty. The aims of the department are to develop organic power, the basis of vitality, the prerequisite to physical and mental efficiency, and to secure and maintain good posture, a harmonious muscular development, and a certain degree of bodily skill and grace.

A thorough physical and medical examination is given to all students entering the University. Physical defects, abnormalities, and weaknesses

*Open only to juniors and seniors.

are noted, and healthful exercise is prescribed to fit the student's individual needs; this may include athletic sports or remedial gymnastics.

During the fall and spring months there are outdoor exercises and games at Buchtel Field. During the winter months the time is given up to boxing, wrestling, basketball, apparatus work, wand, dumb-bell and swinging club drills.

These exercises are designed to bring about the erect carriage of the body, the development and strengthening of the muscular, circulatory and respiratory systems, and the maintenance of general good health and bodily vigor.

TRAINING COURSE

A course for training teachers in physical education and for preparation for coaching is given in conjunction with Teachers College. For details see statement under Teachers College.

EQUIPMENT

The gymnasium is 100 feet long and 50 feet wide. On the ground floor are locker and bath rooms. Above is the practice floor where exercises are conducted. Directly over the practice floor is the running track. The main floor of the gymnasium is 80 feet by 50 feet and is equipped with modern gymnastic apparatus.

A six-acre athletic field is provided for the use of the students, and all intercollegiate and other games and meets are held there. The field is equipped with a grandstand which accommodates 8,000 spectators, dressing rooms, cinder running track, baseball diamond, and football field.

PHYSICAL TRAINING FOR MEN

Every student is required to take a physical examination on entering the University. All freshman and sophomore men are required to take two hours of physical training each week as a part of the combined course in military and physical training. In addition, all candidates for the A. B. degree must take the course in Human Biology 413-414, two hours a week for a year, unless they elect Physiology 407-408.

INTERCOLLEGIATE SPORTS

Intercollegiate sports are under the government of the Ohio Athletic Conference, the faculty committee appointed by the president, and a Board of Control consisting of members from the faculty and representatives of the student body elected by the students.

PHYSICAL TRAINING FOR WOMEN

All freshman women are required to take two hours of physical training each week. In addition, all candidates for the A. B. degree must take the course in Human Biology 415-416, two hours a week for a year, unless they elect Physiology 409-410.

PHYSICS

PROFESSOR HOUSEHOLDER, MR. DAVIES

Major: Thirty hours of Physics. The following courses, or their equivalents, must be included: 331-332, 333, 334, 335, 336, 336a, 340, 338 and 339.

Minors: Literature 6 hours, History 6 hours, Philosophy 6 hours, Economics or Sociology 6 hours, Political Science 6 hours, Public Speaking 3 hours, Biology 8 hours, Chemistry 8 hours; two years of foreign language, preferably German; and Mathematics 301, 302, 303, 304, and 305.

331-332. GENERAL PHYSICS. First and second semesters. Four credit hours each semester. Two recitations and six hours of laboratory work per week.

This is an introductory course of lectures, recitations, and laboratory exercises planned to give the student a general survey of the subject and its applications. No mathematics beyond that taken in the high school is required. PROFESSOR HOUSEHOLDER

333. HEAT. First semester. Four credit hours. Two recitations and six hours of laboratory work per week.

This is a more thorough course than 331-332 in the nature of heat, its effects, its measurement, and its relation to work, with an introduction to the kinetic theory. Prerequisite, 331-332. PROFESSOR HOUSEHOLDER

334. ELECTRICITY AND MAGNETISM. Second semester. Four credit hours. Two recitations and six hours of laboratory work per week.

This is a more thorough and extended course in magnetism and electricity than is possible in 331-332. It includes explanations and discussions based on the electron theory. The laboratory work is concerned chiefly with the theory and use of electrical measuring instruments for direct currents. Prerequisite, 331-332. MR. DAVIES

335. ELEMENTARY LIGHT. First semester. Four credit hours. Two recitations and six hours of laboratory work per week.

This is an elementary course in light and radiation, completing the general courses 331-332. The chief emphasis will be on the laws of geometrical optics; the theory of the microscope, telescope, camera, etc.; and the production and distribution of light for home use. No prerequisites. Not offered 1926-1927. PROFESSOR HOUSEHOLDER

*336. LIGHT. Second semester. Three credit hours. Three recitations per week.

This is an advanced course in the theory of light, including the development of the wave theory, its influence and use in the study of spectra, and its applications in physical, chemical, and metallurgical testing laboratories. Special emphasis is placed on the part played by optics in present-day research. Prerequisite, 331-332, 333, 334, and 335. Not offered 1926-1927. PROFESSOR HOUSEHOLDER

*336a. LIGHT LABORATORY. Second semester. Two credit hours.
Laboratory work accompanying 336. Six hours of laboratory work per week.

Interference, diffraction, and polarization phenomena, and their uses; spectrum analyses. This course must be taken either with, or after, 336. Not offered 1926-1927. PROFESSOR HOUSEHOLDER

*340. ELECTRICAL MEASUREMENTS. Second semester. Three credit hours. One lecture and two laboratory periods per week.

This is a continuation of 334, including measurements in capacitance, inductance, oscillating currents, and conduction through gases. Prerequisite, 331-332, 333, 334. MR. DAVIES

*338. THESIS COURSE. Two credit hours.

This is an individual problem course intended to give seniors the opportunity to carry on an extensive study of some particular problems that arise in 333, 334, 336, 337, or 340. PROFESSOR HOUSEHOLDER

339. ELECTRON THEORY AND ITS APPLICATION. First semester. Two credit hours.

The work includes a review of the experimental evidence that has led to the establishment of the electron theory of electricity and its use in the explanation of phenomena in everyday life. Prerequisite, 331 and 332. Not offered 1926-1927. PROFESSOR HOUSEHOLDER

341. RADIO. First semester. Two or three hours. One lecture and one or two laboratory periods per week.

A discussion of the elementary principles of wireless telephony and telegraphy with laboratory practice in the determination of the characteristics of crystal detectors and vacuum tubes, and the measurements of capacitance, inductance, wave lengths, etc. MR. DAVIES

*342. PHYSICAL MEASUREMENTS. Either semester. Hours to be arranged and credits granted according to work done.

This is an advanced course in physical measurements open to advanced students only. PROFESSOR HOUSEHOLDER, MR. DAVIES

*343. MODERN PHYSICAL THEORIES. Either semester. Two credit hours.

This is a lecture and reading course intended to aid the student in keeping abreast with the newer developments in physical sciences. Open only to advanced students.

679-680. MECHANICS. (Freshman course).

681-682. MECHANICS. (Sophomore course).

683. HEAT AND LIGHT.

These courses are given only for students in co-operative engineering courses. For description see under Physics in the College of Engineering and Commerce.

*Open only to juniors and seniors.

THE COURSE IN PHYSICS

The following course is submitted for those students who plan to major in Physics, and will be adhered to as closely as possible.

FRESHMAN YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Rhetoric 51	3	Rhetoric 52	3
Mathematics 302	4	Mathematics 301	4
Physics 331	4	Physics 332	4
Modern Language	3 or 4	Modern Language	3 or 4
Physical and Military Training..	2	Physical and Military Training..	2

SOPHOMORE YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Mathematics 303	3	Mathematics 304	3
Physics 333	4	Physics 334	4
Modern Language	3 or 4	Modern Language	3 or 4
Physical and Military Training..	2	Physical and Military Training..	2

JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Mathematics 305	3	Physics 336	3
Physics 335	4	Physics 336a	2
Chemistry 353	4	Chemistry 354	4
Electives		Electives	

SENIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Physics 339	5	Physics 338 and 340	2 or 3
Biology 401	4	Biology 402	4
Electives		Electives	

POLITICAL SCIENCE

PROFESSOR CRECRAFT, ASSISTANT PROFESSOR HALLENBECK

Major: A major includes twenty-four hours in addition to the required freshman courses in American Government.

261-262. AMERICAN GOVERNMENT. First and second semesters. Four credit hours each semester. 261 and 262 are repeated each semester.

This course is required of all freshmen in courses leading to the A. B. degree. The first semester is also required of all freshmen in Teachers College.

The first semester includes a study of the origin, growth, structure, and activities of the national government.

The second semester emphasizes state and local government, including the political systems of the state, county and local governments.

PROFESSOR CRECRAFT, ASSISTANT PROFESSOR HALLENBECK

*Open only to juniors and seniors.

263-264. MUNICIPAL GOVERNMENT AND ADMINISTRATION. First and second semesters. Three credit hours each semester.

This course emphasizes municipal government the first semester, and municipal administration the second. It is open to all upper classmen. Topics included are municipal development; relations with state government; municipal powers, duties, and liabilities; municipal charters, elections, popular control. Administrative activities of a modern city are included the second semester. ASSISTANT PROFESSOR HALLENBECK

265. AMERICAN POLITICAL PARTIES. First semester. Three credit hours. Open to all upper classmen.

The course includes a study of political parties in the United States from the point of view of evolution, structure, composition, and functions.

PROFESSOR CRECRAFT

266. EUROPEAN GOVERNMENTS AND PARTIES. Second semester. Three credit hours. Open to all upper classmen.

This course is to acquaint students with the essential features of the government and politics of Europe.

PROFESSOR CRECRAFT

267. WORLD POLITICS. First semester. Three credit hours. Prerequisite, American Government 261-262.

This is a course which traces the development of the foreign policies of the great powers. The growth of conflicting policies, the means of reconciling same, and the international machinery for adjusting international differences, are some topics included.

PROFESSOR CRECRAFT

270. INTERNATIONAL LAW. Second semester. Three credit hours. Prerequisite, American Government 261-262.

This course includes the rules and practices which determine the conduct of nations in peace, in war, and in neutrality. Attention is paid to the modern peace movement.

PROFESSOR CRECRAFT

253. CONSTITUTIONAL LAW. First semester. Three credit hours. Prerequisite, American Government 261-262.

This course is a study of the United States Constitution, emphasis being placed on constitutional development through cases, controversies, and judicial interpretation.

PROFESSOR CRECRAFT

252. GOVERNMENT AND BUSINESS. Second semester. Three credit hours. Prerequisite, American Government 261-262 and courses 263-264 or 265-266.

This course is intended to acquaint students with the relation of government to business. It includes an analysis of the numerous ways in which government and business are in contact.

PROFESSOR CRECRAFT

R. O. T. C.

(See MILITARY TRAINING)

SOCIOLOGY

(See ECONOMICS and SOCIOLOGY)

SPANISH

(See MODERN LANGUAGES)

SPEECH

(See ENGLISH)

COMBINATION COURSES*

1. AT THE UNIVERSITY OF AKRON

THE ARTS-HOME ECONOMICS COMBINATION COURSE

A combination may be made between the Arts and Home Economics courses by which degrees may be obtained from both schools in a minimum period of five years. This may best be accomplished by spending four years in the Curtis School of Home Economics and an additional year in the College of Liberal Arts. If such combination course be desired, the elective work in the fourth year must be shaped toward the fulfillment of the major and minor requirements in the College of Liberal Arts.

An arrangement is also possible by which the student may spend three years in the College of Liberal Arts and two years in the Curtis School of Home Economics, receiving both degrees. Those planning this combination should consult the Classification Committee at the beginning of the sophomore year in order that the subjects to be taken may be definitely determined, according to the major subject chosen.

By means of a five-year combination course, degrees may be gained from both the School of Home Economics and the Teachers College.

THE ARTS-TEACHERS COMBINATION COURSE

A combination may be made between the Arts and Teachers courses for those expecting to teach. The student who plans for this combination should spend three years in the College of Liberal Arts and two years in Teachers College. The classification committee will outline with the student the subjects to be taken so as to fit the courses for both degrees. Students planning to teach in Akron should consult the Dean of Teachers College when deciding upon the major, so as to prepare for work in departments needing teachers. All students preparing to do high-school teaching in Akron must complete at least five years of college work.

*No student will be recommended for a combination course with any other institution unless his average grade for his three years' work in the University of Akron is at least 85%.

2. WITH OHIO STATE UNIVERSITY

By special arrangement concluded with the Ohio State University, the University of Akron is enabled to offer combination courses with certain professional schools of the State University. By means of such a course, the student is enabled to shorten by one year the six to eight-year period otherwise necessary for the acquirement of both college and professional degrees and training. Generally speaking, the plan contemplates an attendance of three years at the University of Akron with an additional two or three years (depending on the subject chosen) at the State University. During the fourth year of this course (i. e., the first year at Ohio State University) the student is counted as a senior in absentia by the University of Akron, and at the end of this year returns to receive his Bachelor's degree with his class.

The following combinations have been arranged:

THE ARTS-LAW COMBINATION COURSE

This course comprises a total of six years, three years at the Municipal University of Akron and three years at the Law School of the Ohio State University. At the end of four years the Bachelor's degree is conferred by the University of Akron for the satisfactory completion of 128 semester hours of work. At the end of six years the student may become a candidate for the degree of Bachelor of Laws at the Ohio State University.

The requirements in Buchtel College of Liberal Arts are:

1. No student is eligible for the combined Arts-Law Course who has not been a resident student at the University of Akron for at least three years, and who has not gained at least ~~95~~ semester hours' credit in the University. In order to receive the Bachelor's degree from the University of Akron at the end of the fourth year, the student must complete 101 semester hours of work before entering the Ohio State University.
2. No student shall be eligible for a degree from the University of Akron in the combined Arts-Law Course who has not received sufficient credit at Ohio State University to complete a total of 128 semester hours of work.
3. A major, if chosen in Buchtel College of Liberal Arts, must lead to the degree of Bachelor of Arts.
4. All of the major and minor requirements in the course chosen must be completed at the University of Akron.

THE ARTS-AGRICULTURE COMBINATION COURSE

Total time required, five years, three of which are to be spent at the University of Akron and two at the Ohio State University. At the end of four years' time, the degree of Bachelor of Science will be conferred by the University of Akron, and at the end of five years the degree of Bachelor of Science in Agriculture by the Ohio State University.

A student must complete 45 quarter hours of work during each of the two years at Ohio State University. This time is to be devoted entirely to agricultural subjects, and must include at least one quarter's work in agricultural chemistry, agricultural engineering, animal husbandry, dairying, entomology, farm crops, horticulture, poultry husbandry, rural economics, and soils. He must also select a major subject in which he takes four consecutive quarters of work. In addition, he will select sufficient agricultural work to complete at least 90 quarter hours.

The General Requirements in Buchtel College of Liberal Arts are:

1. To be eligible for the combined Arts-Agriculture Course, a student must be a resident student at the University of Akron for at least three years, and must gain at least 96 semester hours' credit, including all major and minor requirements for a B. S. major.

2. No student shall be eligible for a degree from the University of Akron in the combined Arts-Agriculture Course who has not received sufficient credit at the Ohio State University to complete a total of 128 semester hours of work.

3. Students intending to complete the combined Arts-Agriculture Course must plan their three years of work in Buchtel College with the classification committee at the beginning of the freshman year.

3. WITH WESTERN RESERVE UNIVERSITY

THE ARTS-LAW COMBINATION COURSE

A six-year combination course similar to the Arts-Law combination course with Ohio State University previously described.

THE ARTS-MEDICINE COMBINATION COURSE*

By arrangement concluded on February 2, 1914, a combination course has been established between the University of Akron and Western Reserve Medical School. Admission to the School of Medicine is not guaranteed to all applicants, since only a limited number can be accommodated. Application about April 1 for the following academic year is desirable.

The completion of this course requires seven years, the first three of which are to be spent at the University of Akron and the last four at Western Reserve University. At the end of four years the degree of Bachelor of Science will be conferred by the University of Akron; at the end of seven years the degree of Doctor of Medicine will be given by Western Reserve University.

The General Requirements in Buchtel College of Liberal Arts are:

1. No student is eligible for the combined Arts-Medicine Course who has not been a resident student at the University of Akron for at least three years, and who has not gained at least 96 semester hours' credit in Buchtel College.

*This course is here detailed as typical of a combination possible with the large majority of medical schools.

2. No student shall be eligible for a degree from Buchtel College of Liberal Arts in the combined Arts-Medicine Course who has not received sufficient credit at the Western Reserve University to complete a total of 128 semester hours of work.

The Subject Requirements in Buchtel College of Liberal Arts are:

1. A major must be chosen in Buchtel College leading to the degree of Bachelor of Science.

2. All of the major and minor requirements in the course chosen must be completed at the University of Akron.

The following are requirements of subjects to be taken at Buchtel College necessary for entrance to the medical school:

Chemistry: The equivalent of at least one and a half years of college work of a value of not less than 12 semester hours, of which at least 4 must be organic chemistry. The 12 semester hours must include at least 5 of laboratory work, of which 1 must be organic chemistry.

Physics: The equivalent of at least one year of collegiate work of a value of not less than 8 semester hours, of which at least 2 shall be laboratory work.

Biology, Zoology and Botany: The equivalent of at least one year of collegiate work of a value of not less than 8 semester hours, of which at least 4 shall be laboratory work.

It is strongly urged that prospective medical students take, in addition to the required minimum of biology as stated, a course of at least three semester hours in comparative vertebrate anatomy, inasmuch as this course is not given in the medical curriculum.

German or French: A total of not less than 8 semester hours. One unit of high school work may be counted as 2 hours of this requirement, but there shall be at least 6 semester hours of collegiate work in one language.

English: A total of not less than 6 semester hours.

All of the requirements indicated above may be fulfilled in a space of three years. The following plan is suggested:

First Year: Regular freshman scientific course.

Second Year: Zoology and Botany, 8 hours; Chemistry, 4 hours; Physics with Laboratory, 8 hours; German or French sufficient to make with freshman work a total of at least 8 credit hours.

This completes the requirements made by the medical school. The remainder of time should be given to the completion of the major and minor requirements of Buchtel College.

4. COMBINATION COURSES WITH OTHER SCHOOLS

THE ARTS-NURSING COURSE

Any student who has been in residence at the University of Akron for at least three years, and who has made an average grade of 85% in at least 96 semester hours in the regular course in Buchtel College, with

major in biology, and with all required minors completed, may receive the degree of B. S. from the University of Akron upon the satisfactory completion of the course in any first-grade training school for nurses.

By this arrangement it is made possible for the candidate to secure both the college degree and the nurse's certificate in six years.

Such an arrangement has been definitely entered into with Lakeside Hospital Training School for nurses, Cleveland.

WITH MEDICAL SCHOOLS

The University of Akron will enter into combination courses with any of the medical schools of the highest class, as fixed by the standards of the American Medical Association.

WITH OTHER PROFESSIONAL OR TECHNICAL SCHOOLS

The University of Akron is also willing to give the opportunity for combination courses with other approved professional or technical schools. The approval of such courses rests with the Dean of Buchtel College and the Committee on Classification. In making such combinations, the University of Akron will insist on the fulfillment of the general requirements of three years' residence at Akron; the completion of 96 semester hours at the University of Akron, including all required majors and minors; and the completion of a total of 128 semester hours for graduation.

Students are warned against haphazard work in the University of Akron with the idea that a course chosen at random may be combined with any professional school to which their inclination may later direct them. The choice of the school with which the combination is desired should not be delayed beyond the close of the sophomore year. To be considered a candidate for a degree under the plan of combination courses, a student must make all arrangements with the dean of Buchtel College at or before the close of his junior year. The dean and the committee on classification are at all times ready to assist students in making combinations with reputable professional and technical schools.

PRE-DENTAL YEAR

After 1926, every Class A dental school will require for entrance one year of college work in addition to graduation from a first-grade high school. Classes are so arranged in the College of Liberal Arts of the University of Akron that pre-dental students have no difficulty in getting the required pre-dental studies.

The work includes: Chemistry, 4 credit hours each semester; Biology, 4 credit hours each semester; Rhetoric, 3 credit hours each semester; *Mathematics or Foreign Language, 4 credit hours each semester; Physical Training, 1 credit hour each semester.

*Students who did not have physics in high school must take college physics in place of foreign language or mathematics.

COLLEGE OF ENGINEERING AND COMMERCE

FRED E. AYER, C. E., *Dean*

GENERAL INFORMATION

The Directors of the Municipal University of Akron established the College of Engineering in 1914, and adopted the five-year co-operative course patterned after the "Cincinnati Plan."

In 1921 the Department of Commerce and Administration became a department of the Engineering College and the name of the latter was changed to the College of Engineering and Commerce. Business training students enrolled previous to 1923 will continue on full time; all other students must do outside work.

The "Cincinnati Plan" aims to give the student a thorough training in both theory and practice by requiring the practice to be learned under actual commercial conditions in local industrial and business organizations, and the underlying science to be studied in the University under trained educators. To accomplish this the students are grouped in two sections, one of which is at work and the other in attendance at the University. For example, A who is in section one, attends classes at the University for three weeks while B, who is paired with A and who is in section two, is at work. Then they change places, and B attends the University for three weeks while A is at work. Of course this necessitates the giving of all University work twice—once for each section.

Five years of eleven months each are required to complete the course, each student being allowed a vacation of one week at Christmas time, one week at Easter or during commencement week, and two weeks in the latter part of the summer.

Candidates for admission are required to spend the summer preceding their entrance at continuous work on a job provided by the University. This probationary period affords the student an opportunity to test his fitness and liking for the course, and demonstrates his ability to satisfy his employer.

While a student is at work he is subject to all rules and regulations imposed by his employer upon the other employees. All existing labor laws and conditions, including those pertaining to liability for accident, apply to the student in the same way as to any other employee.

In order to operate a co-operative course, the college must be located in or near an industrial center, and, while there are over six hundred colleges and universities in the United States, yet comparatively few of them are so located that such a course is practicable. Akron is essentially

a manufacturing center, and the President and Directors of the Municipal University of Akron selected this type of vocational education as being the latest and the one best adapted to the city's needs; therefore no other courses in Engineering and Commerce are offered.

INDUSTRIAL ENGINEERING

This co-operative course, which was provided for those who wished to take up the business side of engineering activity, is discontinued. Students now enrolled in the course will be permitted to complete their work and graduate. The new co-operative commercial course seems to meet the needs of students desiring to enter this field. It is possible for students in the commercial course interested in engineering to elect some engineering subjects.

SECRETARIAL COURSE

An important new course of interest to high school graduates has been introduced into the Municipal University of Akron. This course is intended for men and women desiring to prepare themselves as private secretaries and heads of office departments. In addition to the required subjects, students must choose 14 hours of elective work during the four years.

This Secretarial Course is divided into two parts. To those completing the first two years a certificate of proficiency for such work will be given. For those completing the full four years (and all are advised to do so) a B. S. in Secretarial Science degree will be granted.

This course is based on similar courses as given in the best universities in the United States and is deemed strengthened by the addition of Sociology and Government. The course as here outlined is tentative and may be changed subject to the needs of business.

Students will be required to attain a high degree of proficiency in typewriting and shorthand. This work must be taken outside the regular college course. Young men will be expected to meet the requirements of the R. O. T. C.

OUTSIDE WORK

The Department of Co-ordination and the employer so plan the work that the student gets a carefully graded training beginning with work requiring no skill or experience and ending with actual professional work.

The outside work and courses of study are co-ordinated by technically trained men experienced in professional practice. Throughout the five years of University work they will give courses whose aim is two-fold. First, they supplement the outside training by explaining the different operations, the sequence of work, the technicalities of the machine, and, in short, any part of the work which the student does not understand, and which the foreman has not time to explain. This

shows the student the vast educational opportunities open to him in his outside work and makes him more useful to his employer.

Secondly, these courses cover the field of business, factory organization, and cost accounting, routing of work for efficient production, study of the conditions leading to maximum production, and the influence of work environment. The instruction given in all the courses is carefully planned to develop in each student the power of observation and the ability to analyze the problems arising in his work.

The outside work, properly co-ordinated with University training, furnishes a large part of the technical detail required in professional subjects.

WAGES

The primary object of requiring outside work is to give the student practical experience and not to enable him to earn money. In most cases the student's earnings are not sufficient to pay his expenses.

Engineering and Commerce students are paid for their outside work the same as other employees. Beginners are paid a little more than apprentices and are increased according to a rate agreed upon by the employer and the Department of Co-ordination. Students are paid only for the time actually employed, and receive their wages direct, as does any other employee.

DEGREES

The degrees of Civil Engineer, Mechanical Engineer, Electrical Engineer, B. S. in Commerce and Administration, and B. S. in Secretarial Science will be given to those students who satisfactorily complete the required work. In addition to his diploma, each student will receive a certificate showing in detail his practical experience.

MILITARY TRAINING

Military training under the direct supervision of the United States Government is required of all male students physically fit. Men entering the College of Engineering and Commerce are exempt only if they have been two years in attendance at another institution of collegiate grade. It takes two years to complete the basic course on the co-operative or part-time plan. All freshmen are urged to attend the basic camp at the end of the freshman year. Satisfactory arrangements have been made in the summer school for such attendance.

ADMISSION

The following supplements the statement of general entrance requirements made on introductory pages.

Candidates for admission must be at least sixteen years of age, and must present fifteen units of secondary school work. Students will be admitted with entrance conditions amounting to not more than one unit. Such conditions must be removed during the freshman year.

Application blanks properly filled out and entrance credits must be submitted prior to July 1.

ENTRANCE REQUIREMENTS

The following supplements the statement of general entrance requirements made on introductory pages.

The requirement for unconditional entrance is 15 units.

The specific requirements for entrance to this college are as follows:

English	3	units
*Mathematics (Algebra 1½, Pl. Geom. 1)	2½	units
*Solid Geometry (engineering students)	½	unit
*American History and Civics	1	unit
Science (must include laboratory work)	1	unit
*Foreign Language	2	units
Electives (not more than three units in vocational subjects)	5 or 5½	units

ESTIMATED EXPENSE OF FRESHMAN YEAR

FIRST SEMESTER

	Resident	Non-Resident
Tuition	Free	\$ 60.00
Fees	\$38.00	38.00
Books and Drawing Instruments	40.00	40.00
Total	\$78.00	\$138.00

SECOND SEMESTER

	Resident	Non-Resident
Tuition	Free	\$ 60.00
Fees	\$33.00	33.00
Books	8.00	8.00
Total	\$41.00	\$101.00

SUMMER TERM

	Resident	Non-Resident
Tuition	Free	\$ 25.00
Fees	\$ 2.00	2.00
Books	5.00	5.00
Total	\$ 7.00	\$32.00

Board and room can be obtained for approximately \$10.00 per week.

*Students who enter with a condition in solid geometry must remove it by the end of the freshman year. One unit of algebra and one unit of Pl. Geometry are required for admission to Commerce course. Students who enter conditioned in foreign language must remove such conditions before graduation.

MECHANICAL ENGINEERING 1926-1927

FRESHMAN YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Military Training	2	Military Training	2
Physical Training	1	Physical Training	1
Mathematics 650	6	Mathematics 651	6
Drawing 727	4	Drawing 728	4
Physics 679	5	Physics 680	5
Engineering Laboratory 721	4	Engineering Laboratory 721	4
Co-ordination 700-702	2	Co-ordination 701-703	2

SUMMER TERM

Mathematics	6
Surveying 810	16

SOPHOMORE YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Military Training	2	Military Training	2
Physical Training	1	Physical Training	1
Mathematics 652	6	Mathematics 653	6
Physics 681	6	Physics 682	6
Descriptive Geometry 729	4	Heat Engineering 742	5
Co-ordination 704	1	Co-ordination 705	1

SUMMER TERM

Mathematics 654	6
Machine Drawing 730	12
Mechanical Engineering Laboratory 752	4

PRE-JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Mathematics 655	3	Mathematics 656	3
Chemistry 689	8	Chemistry 690	8
Physics 683	5	Strength of Materials 837	6
Mechanism 733	5	Materials Laboratory 817	4
Mechanism Drawing 735	2	Gas and Oil Engines 762	3

SUMMER TERM

Chemistry of Combustion 691	6
Hygiene and Sanitation 695	16

JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Steam Power Plants 763	4	Steam Power Plants 764	4
Metallurgy 692	6	Machine Design 736	6
D. C. Electricity 905	6	A. C. Electricity 906	6
D. C. Laboratory 907	4	A. C. Laboratory 908	4
English Composition 660	4	English Composition 661	4

SUMMER TERM

Machine Design 737	12
Mechanical Engineering Laboratory 753	10

SENIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Heating and Ventilation 765	4	Thermodynamics 744	5
Hydraulics 747	6	Economics 688	6
Economics 687	6	Business Administration 1037C	6
Accounting 1063C	6	English Literature 665	2
English Literature 664	2	Elective	5

CIVIL ENGINEERING 1926-1927

FRESHMAN YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Military Training	2	Military Training	2
Physical Training	1	Physical Training	1
Mathematics 650	6	Mathematics 651	6
Drawing 727	4	Drawing 728	4
Physics 679	5	Physics 680	5
Engineering Laboratory 721	4	Engineering Laboratory 721	4
Co-ordination 700-706	2	Co-ordination 701-707	2

SUMMER TERM

Mathematics	6
Surveying 810	16

SOPHOMORE YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Military Training	2	Military Training	2
Physical Training	1	Physical Training	1
Mathematics 652	6	Mathematics 653	6
Physics 681	6	Physics 682	6
Descriptive Geometry 729	4	Heat Engineering 742	5
Co-ordination 708	1	Co-ordination 709	1

SUMMER TERM

Machine Drawing	12
Mathematics 654	6
Mechanical Engineering Laboratory 752	4

PRE-JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Chemistry 689	8	Chemistry 690	8
Mathematics 655	3	Mathematics 656	3
Physics 683	5	Strength of Materials 837	6
Roofs and Bridges 851	6	Materials Laboratory 817	4

SUMMER TERM

Railroads 853	10
Reinforced Concrete 873	8
Cement Testing 861	4

JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English Composition 660	4	English Composition 661	4
Hydraulics 747	6	Highways 856	4
D. C. Theory 905	6	A. C. Theory 906	6
D. C. Laboratory 907	4	A. C. Laboratory 908	4
Concrete Design 879	6	Steel Design 874	6

SUMMER TERM

Hygiene and Sanitation 695	16
Geology 872	6

SENIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Accounting 1063C	6	Business Administration 1037C	6
Sewerage 881	6	Water Supply 882	6
Economics 687	6	Economics 688	6
Engineering Design 883	2	Engineering Design 884	2
English Literature 664	2	English Literature 665	2

ELECTRICAL ENGINEERING

1926-1927

FRESHMAN YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Military Training	2	Military Training	2
Physical Training	1	Physical Training	1
Mathematics 650	6	Mathematics 651	6
Drawing 727	4	Drawing 728	4
Physics 679	5	Physics 680	5
Engineering Laboratory 721	4	Engineering Laboratory 721	4
Co-ordination 700-710	2	Co-ordination 701-711	2

SUMMER TERM

Mathematics	6
Surveying 810	16

SOPHOMORE YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Military Training	2	Military Training	2
Physical Training	1	Physical Training	1
Mathematics 652	6	Mathematics 653	6
Physics 681	6	Physics 682	6
Descriptive Geometry 729	4	Heat Engineering 742	5
Co-ordination 712	1	Co-ordination 713	1

SUMMER TERM

Mathematics 654	6
Machine Drawing 730	12
Mechanical Engineering Laboratory 752	4

PRE-JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Mathematics 655	3	Mathematics 656	3
Chemistry 689	8	Chemistry 690	8
English Composition 660	4	English Composition 661	4
D. C. Theory 905	6	A. C. Theory 906	6
D. C. Laboratory 907	4	A. C. Laboratory 908	4

SUMMER TERM

Hygiene and Sanitation 695	16
Chemistry of Combustion 691	6

JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Economics 687	6	Economics 688	6
Advanced Electrical Theory 911..	5	Advanced Electrical Theory 912..	5
Advanced Electrical Laboratory		Advanced Electrical Laboratory	
913	2	914	4
Physics 683	5	Strength of Materials 837	6
Metallurgy 692	6	Materials Laboratory 817	4

SUMMER TERM

Advanced Electrical Theory 920	14
Advanced Electrical Laboratory 922	8

SENIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Hydraulics 747	6	Thermodynamics 744	5
Electric Power Transmission		Electric Railways 952	5
941	4	Special Electrical Problems 962..	6
Special Electrical Problems 961..	6	Business Administration 1037C ..	6
Accounting 1063C	6	English Literature 665	2
English Literature 664	2		

INDUSTRIAL ENGINEERING
1926-1927

(Discontinued except for those already in Course)

SENIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Elementary Law 1039C	6	Business Law 1047C	6
Cost Accounting 1051C	6	Cost Accounting 1052C	6
Industrial and Business Economics 1029C	6	Business Administration 1037C	6
Thesis 1065C	4	Thesis 1066C	4

COMMERCE AND ADMINISTRATION
(Co-operative)

1926-1927

FRESHMAN YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
*Military Training	2	*Military Training	2
Physical Training	1	Physical Training	1
Mathematics 658	6	Mathematics 659	6
Drawing 727	4	Industrial and Commercial Geography 1019C	6
Accounting 1027C	6	Accounting 1028C	6
Co-ordination 700-714	2	Co-ordination 701-715	2

SUMMER TERM

Economic Development of United States and England 1021C	22
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SOPHOMORE YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
*Military Training	2	*Military Training	2
Physical Training	1	Physical Training	1
Economics 687	6	Economics 688	6
Modern Language 671	6	Modern Language 672	6
English Composition 662	5	English Composition 663	5
Co-ordination 716	1	Co-ordination 717	1

SUMMER TERM

Railroads and Traffic Problems 1049C	22
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PRE-JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English 63	3	English 64	3
Business Finance 1035	3	Federal Reserve System and Money Policies 1069C	3
Money and Banking 1045	3	Statistics 1040	3
Modern Language 673	3	Modern Language 674	3
Science	4	Science	4

SUMMER TERM

Markets, Domestic Commerce 1043	11
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JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Psychology 201	3	Psychology 202	3
Salesmanship 1061	3	Foreign Commerce 1053	2
History or Gov.	3	Advertising 1060	2
Advanced Accounting 1067	3	Accounting Problems 1068	3

SUMMER SEMESTER

Electives	11
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*For Men only.

COMMERCE AND ADMINISTRATION

(Full Time—Discontinued except for those already in course)

SENIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Government or Sociology	3	Government or Sociology	3
Cost Accounting 1051	2	Cost Accounting 1052	2
Foreign Commerce 1053	2	Industrial and Business Problems 1055	2
Markets, Domestic Commerce 1043	3	Business Administration 1037	3
Electives	3	Advertising 1060	2
Thesis 1065	2	Thesis 1066	2

SECRETARIAL COURSE

1926-1927

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Business English	3	Business English	3
Secretarial Duties and Ethics 1023	3	Business Mathematics 1024 Filing and Charting	3
Chemistry or Biology	4	Chemistry or Biology	4
Industrial and Com. Geography 1019	3	Economic Development of U. S. 1021	3
Physical Training	1	Physical Training	1
R. O. T. C.	2	R. O. T. C.	2

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Accounting 1027	3	Accounting 1028	3
Economics 451	3	Economics 452	3
English 63	3	English 64	3
Spanish 171 (at least two years of modern lang.)	4	Spanish 172	4
Physical Training	1	Physical Training	1
R. O. T. C.	2	R. O. T. C.	2

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English	3	English	3
Money and Banking 1045	3	History or Gov't	3
Indexing and Filing 1031	3	Business Correspondence and Secretarial Practice 1032	2
Psychology 201	3	Psychology 202	3
Spanish 173	3	Spanish 174	3
Electives	3	Statistics 1040	3

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Business Finance 1035	3	Business Administration 1037	3
Office Practice 1041	3	Office Practice 1042	3
History or Government	3	History or Government	3
Sociology 213	3	Sociology 214	3
Thesis 1065	2	Thesis 1066	2
Electives	3	Business Law 1047	3

DEPARTMENTS OF INSTRUCTION

The general system of numbering and arrangement is according to the following order:

Subject	Course Number
Biology	695- 698
Chemistry	689- 694
Civil Engineering	800- 899
Commerce	1000-1099
Co-ordination	700- 719
Economics	687- 688
Electrical Engineering	900- 999
English	660- 670
Mathematics	650- 659
Mechanical Engineering	720- 799
Physics	679- 686
Spanish	671- 678

COURSES FOR 1926-1927

BIOLOGY

ASSISTANT PROFESSOR KRAATZ

695. HYGIENE AND SANITATION. Summer term. Sixteen credit hours.

Two hours of lecture or recitation, and daily, three hours of laboratory work and two hours of assigned reading, on Monday, Wednesday, and Friday.

This is a rapid survey of the fundamental laws and principles of biology, followed by a more detailed study of selected problems in nutrition, personal hygiene, first aid, sanitation, and public health. This course extends through four weeks. ASSISTANT PROFESSOR KRAATZ

CHEMISTRY

MR. SCHAEFER, MR. ANDERSON

689-690. ENGINEERING CHEMISTRY. First and second semesters.

Eight credit hours each semester. Four recitations and eight laboratory hours per week.

A study of the fundamental principles and theories of chemistry. The second semester is a systematic study of the properties of the elements and their compounds. The laboratory work for both semesters consists mainly of the preparation of compounds with some supplementary experiments. MR. ANDERSON

691. **FUELS.** Summer term. Six credit hours. Five recitations and four laboratory hours each week.

Lectures, recitations and problems on solid, liquid and gaseous fuels, their use, efficiencies and the thermo chemistry of combustion. Laboratory work on calorimetry, flue and fuel gas analysis.

692. **METALLURGY OF IRON AND STEEL.** First semester. Six credit hours. Four recitations and four laboratory hours per week.

Recitations and lectures on the manufacture, properties and uses of iron and steel. Laboratory work in heat-treating of steel and microscopic examination of metals and alloys. MR. SCHAEFER

CIVIL ENGINEERING

PROFESSOR DURST, ASSISTANT PROFESSOR BULGER

810. **SURVEYING.** Summer term. Sixteen credit hours.

This course consists of the surveying and computation of areas, tests and adjustments of instruments, stadia and plane table work and contour mapping. At least one Polaris observation is made. Most of the work is done away from the campus. Prerequisite 721. PROFESSOR DURST

817. **MATERIALS LABORATORY.** Second semester. Four credit hours.

Steel is tested in compression, tension and torsion. Compression tests of brick, concrete, wood, and cast iron are made. Beams of steel and wood are tested and the deflections measured. A 100,000-pound Riehle Universal Testing Machine and a 60,000-inch-pound Riehle Torsion Machine with needed extensometers and strain gauges are used in making the tests. Prerequisite 837. ASSISTANT PROFESSOR BULGER

837. **STRENGTH OF MATERIALS.** Second semester. Six credit hours.

Class room work is given in tensile, compressive, and shearing stresses, riveted joints, torsion, bending moments, stresses and deflections of beams. A study is made of end conditions and formulas for columns. Text: Poorman. Prerequisites, Physics and Calculus. ASSISTANT PROFESSOR BULGER

851. **ROOFS AND BRIDGES.** First semester. Six credit hours.

The calculation of stresses in several types of roof trusses for dead, snow, and wind loads are made analytically and checked by graphics. Stresses are calculated for several bridge trusses under dead and live loads. Text: Johnson-Bryan-Turneaure. ASSISTANT PROFESSOR BULGER

853. **RAILROADS.** Summer term. Ten credit hours.

An intensive course in railroad construction and surveying is given. This includes field and office work in simple compound, and spiral curves. Prerequisite 810. PROFESSOR DURST

856. HIGHWAYS. Second semester. Four credit hours.

A study is made of the construction, cost, and advantages of the various types of hard surfaced highways. City paving and street designing are also considered. Traffic is studied by the use of traffic census. Bituminous material is tested. Text: Agg's Roads and Pavements.

PROFESSOR DURST

861. CEMENT TESTING. Summer term. Four credit hours.

The standard laboratory tests on cement, sand, and concrete are conducted in accordance with the A. S. T. M. standards. Experimental investigations are made. A trip is made to a cement plant where the actual manufacture of cement is studied.

PROFESSOR DURST

872. ENGINEERING GEOLOGY. Summer term. Six credit hours.

This course consists of a survey of the essential facts of dynamic, structural, and economic geology. The relation of geology to the engineer and his work is kept constantly in mind. The class room work is supplemented by an excellent collection of Ward's minerals, rocks, coals, etc., and by several inspection trips. Text: Ries and Watson.

PROFESSOR DURST

873. REINFORCED CONCRETE. Summer term. Eight credit hours.

Instruction is given in the properties of plain and reinforced concrete, the design of mixtures, and the theory of stresses in reinforced concrete. Practice is given in the design of beams and columns. Prerequisite 837.

ASSISTANT PROFESSOR BULGER

874. STEEL DESIGN. Second semester. Six credit hours.

Practice is given in designing and computing costs of steel structures such as mill and office buildings, warehouses, and bridges. Prerequisite 837. Text: Ketchum's Structural Engineers Hand Book.

ASSISTANT PROFESSOR BULGER

879. CONCRETE DESIGN. First semester. Six credit hours.

Practice is given in designing various concrete structures such as buildings, beam and arch bridges, retaining walls, and chimneys. Text: Hool and Johnson. Prerequisite 873. ASSISTANT PROFESSOR BULGER

881. SEWERAGE. First semester. Six credit hours.

Part. I. Sewer Design. After some class room study and discussion, each student is required to design a complete sewer system for some district in Akron, or for an adjoining town.

Part II. Sewage Disposal. This consists of a comparative study of the various types of sewage treatment plants and several plants are visited. Text: Metcalf and Eddy. Prerequisite Hydraulics.

PROFESSOR DURST

882. WATER SUPPLY. Second semester. Six credit hours.

After a review of formulae, methods, and practice, each student is required to design a complete water system for a portion of Akron or a nearby town. An inspection trip to Akron Pumping Station and Treatment Plant at Kent is arranged once a year. Text: Folwell. Prerequisite, Hydraulics. PROFESSOR DURST

883-884. ENGINEERING DESIGN. First and second semester. Two credit hours each semester.

Special problems in design are selected. This course gives the student an opportunity to do extra work along the particular line in which he wishes to specialize. ASSISTANT PROFESSOR BULGER

COMMERCE AND ADMINISTRATION

PROFESSOR McDERMOTT, MR. MARSH, MR. PORTER, MR. COOK

1019-1019C. INDUSTRIAL AND COMMERCIAL GEOGRAPHY. Second semester. Three credit hours for full time students. Six credit hours for co-operative students.

This course makes a study of the growth and factors of commerce and industry, the important industries of the United States, physical features of the world in their relation to the development of commerce and industry, mineral industries and their relation to the development of the state, centers of great industries, transportation, communication, relation of government to industry and trade, foreign commerce of the United States and all other important countries of the world. MR. MARSH

1021-1021C. ECONOMIC DEVELOPMENT OF THE UNITED STATES. Summer term. Twenty-two credit hours. Second semester. Three credit hours for full time students.

This course studies the development of colonial industry and makes a careful survey of the industrial history of England, early trade restrictions, availability of the resources of the United States and their developments, movement of trade and industry in the early history of the country as well as present movements, effect of trade and tariff on industry, labor movements, and the development of the labor union, and our modern industries and their development. MR. MARSH

1023. SECRETARIAL DUTIES AND ETHICS. First semester. Three credit hours. Full time.

This course will consider the origin and history of the modern secretary; education and development of the private secretary of the modern business man; what a position as secretary means to the outside world; how to learn the needs of the employer and his friends; the modern office, office appliances and mechanical devices as time savers; the duties of an office manager; wage system; methods of securing efficiency in the office; welfare work; letter writing; how to handle a caller.

PROFESSOR McDERMOTT AND OTHERS

1024. **BUSINESS MATHEMATICS, FILING AND CHARTING.** Second semester. Three credit hours. Full time.

Short cuts in business mathematics; business forms necessary for the secretary to know; familiarity with interest and annuity tables, present worth and partial payment and insurance rates; making of simple charts and graphs of most of the problems of the business man; filing of office papers, will be studied. PROFESSOR McDERMOTT AND OTHERS

1027-1028, 1027C-1028C. **ACCOUNTING.** First and second semesters. Three credit hours each semester for full time students. Six credit hours for co-operative students.

This course includes the science of constructing systematic records of business transactions, a study of double-entry bookkeeping, critical examination of the typical factors in capital and revenue accounts, development of forms used in business, forms and records used in different industrial enterprises, many illustrative problems, and partnership and corporation accounting are completed. MR. PORTER, MR. MARSH

1031. **INDEXING AND FILING.** First semester. Three credit hours. Full time.

The modern business office, its filing cases and appliances; a more advanced course in filing for the big office; latest methods for short cuts in filing materials; visits to factories and lectures by practical men in charge of filing departments. Various systems for indexing; a practical course for those interested in this character of work.

PROFESSOR McDERMOTT AND OTHERS

1032. **BUSINESS CORRESPONDENCE AND SECRETARIAL PRACTICE.** Second semester. Three credit hours. Full time.

An advanced course in business letter writing; development of business forms necessary to modern business; the modern business letter and report from the business man's side; work of the secretary in making reports and schedules for the office; a practical course to meet the needs of modern business. Problems and visits to offices.

PROFESSOR McDERMOTT AND OTHERS

1035-1035C. **BUSINESS FINANCE.** First Semester. Three credit hours. for full time students. Six credit hours for co-operative students.

The subjects studied in this course are the relation of finance to business, the financial side of business administration, history and origin of financial transactions, introduction to banking practices, work of the banker, stocks and bonds, budgets and financial reports, financial standards, promotion, dividends, and reorganization. PROFESSOR McDERMOTT

1037-1037C. **BUSINESS ADMINISTRATION.** Second semester. Three credit hours for full time students. Six credit hours for co-operative students.

Origin and history of industrial and mercantile establishments, principles of organization, distribution of functions and the control of business, factors accounting for the location of industries, scientific management, its development and effect on the business of the modern world, labor unions and their relation to capital, job analysis, mental tests, and latest forms of welfare work are the problems of study in this course.

PROFESSOR McDERMOTT

1039-1039C. **ELEMENTARY LAW.** First semester. Three credit hours for full time students. Six credit hours for co-operative students.

The course is designed to cover the fundamental principles of American jurisprudence, outline and elements of statutory and common law and equity.

PROFESSOR McDERMOTT

1040-1040C. **STATISTICS.** Second semester. Three credit hours for full time students. Six credit hours for co-operative students.

Elementary principles of statistics as a means to scientific study and interpretation of the measurable phenomena of economic and social life are the chief problems of study in this course. Emphasis is laid upon the characteristics of statistical methods, sources and collections of statistical data, errors and approximation, classification and frequency distribution, averages, index numbers, and criteria of association, cause and effect.

MR. MARSH

1041-1042. **OFFICE PRACTICE.** First and second semester. Three credit hours each semester.

A study of the problems that come up in the work of the secretary, laboratory work in the application of the work of an office, practical experience in the offices of the administrative officers of the University, students' work in outside offices of the various industries of the city.

PROFESSOR McDERMOTT

1043-1043C. **MARKETS, DOMESTIC COMMERCE.** First semester for full time students. Three credit hours. Summer term for co-operative students. Twenty-two credit hours.

This course outlines the development of the early types of markets; early trade routes; fairs; location of colonial marketing centers; development of modern markets and the factors affecting their development; advertising and sales systems; co-operation, its development and importance; the middleman, his functions and problems; the future of the middleman; location of the wholesale centers of the United States; the retailer, the consumer, and modern problems of the buyer and seller.

PROFESSOR McDERMOTT

1045-1045C. **MONEY AND BANKING.** First semester. Three credit hours for full time students. Six credit hours for co-operative students.

Form and function of currency and credit; state and Federal laws of banking; Federal reserve banking system and its relation to the monetary system of the United States; a brief study of the history of our banking institutions, the fluctuations of the money market, note issue, and the Clearing House, a brief study of the banking systems of foreign countries and a comparison with the Federal Reserve System are the problems of study in this course.

MR. PORTER

1047-1047C. **BUSINESS LAW.** Second semester. Three credit hours for full time students. Six credit hours for co-operative students.

This course is an introduction to the customs and laws of trade, business, and finance; detailed study of contracts, bills and notes, bailments, agency, partnership, personal and real property; a study of the common carrier, insurance deeds, mortgages, wills, etc. Many cases are studied to show the application of law to business. The case system is used.

PROFESSOR McDERMOTT

1049-1049C. **RAILROADS AND TRAFFIC PROBLEMS.** Second semester. Three credit hours for full time students. Six credit hours for co-operative students.

Economic significance of modern development, organization and combination of railway systems; the development of the means of transportation; railway growth and consolidation; problems of railway traffic and rate making; rate theories and practice, legislative control, inland and coastwise commerce of the United States; railway commissions and public control; government ownership and its relation to the public are the topics of study in this course.

MR. MARSH

1051-1052, 1051C-1052C. **COST ACCOUNTING.** First and second semesters. Two credit hours each semester for full time students. Four credit hours each semester for co-operative students.

This course is designed to cover an exposition of the utility and methods of cost accounts; the problems, elements, and units of cost of various types of business, sources of cost data; measurements of direct costs; methods of apportioning and distributing overhead expenses; organization of cost systems; presentation and utilization of cost data; studies and reports of cost accounting systems. It makes a study of practical problems in local business and employs C. P. A. problems.

MR. PORTER

1053-1053C. FOREIGN COMMERCE. Second semester. Two credit hours for full time students. Four credit hours for co-operative students.

The subjects of study in this course are the development of early commerce and commercial nations; theory of international trade; volume and character of imports and exports; governmental regulation, consular service, commercial methods and regulations for trade; aids to the development of trade, position of the United States in the commercial world and our future needs. PROFESSOR McDERMOTT

1055-1055C. INDUSTRIAL AND BUSINESS PROBLEMS. First semester. Two credit hours for full time students. Four credit hours for co-operative students.

This course consists of a study of economic and industrial problems of importance to the business man; the business cycle; the railway problem, nature and extent of regulation, rate making, government ownership; the problem of capitalistic monopoly; the study of population, economic insecurity, trade unions, social reform and legal institutions, taxation, and modern problems of business. PROFESSOR McDERMOTT

1057-1058, 1057C-1058C. INDUSTRIES AND RESOURCES OF AKRON. First two credit hours for full time students. Four credit hours for co-operative students.

The subject of study in this course is the city of Akron as an industrial and commercial center; its railroads and water communications; the rubber industry, the products manufactured and exported; clay product industry; products and possibilities of the industry; motor truck industry; machine shops; cereal and other important industries. Visits to factories and reports on processes are emphasized. PROFESSOR McDERMOTT

1060. ADVERTISING. Second semester. Two credit hours.

This is an introductory course in principles of advertising. It treats of the fields of advertising, how to write advertising, how to display advertising, where to publish advertising, and the operating side of advertising. MR. COOK

1061. SALESMANSHIP. Second semester. Three credit hours.

This course discusses the role of salesmen in modern business; relation of salesmanship and advertising; analyzing the goods, the market and the customers for advertising and selling campaigns; construction of oral and written selling talks; conduct of selling campaigns; sales equipment, sales records and tests of efficiency; essential qualifications of a salesman in various types of manufacturing and wholesale and retail institutions; choosing, training, organizing and supervising salesmen; ethics of salesmanship. PROFESSOR McDERMOTT

1063C. **MANAGERIAL ACCOUNTING.** First semester. Six credit hours.

This course covers the forms that a foreman or a superintendent in a factory would use. It is not intended that senior civil, mechanical, or electrical engineers would become bookkeepers, but rather that they be able to interpret such forms as profit and loss statements, balance sheets, production statements, store records, etc.

MR. MARSH

1065-1066, 1065C-1066C. **THESIS.** First and second semesters. Two credit hours each semester for full time students. Four credit hours each semester for co-operative students.

This is a course designed to develop the student along original lines. Methods of research are shown and an independent problem is assigned for development. The problem is expected to be in the major field of the student and tends to encourage him to go on into the graduate field.

PROFESSOR McDERMOTT

1067. **ADVANCED ACCOUNTING.** Second semester. Three credit hours. Principles of bookkeeping are reviewed, new forms used in accounting introduced, partnerships and corporations studied and corporation accounting completed. A working knowledge of simple elements in cost accounting is given.

MR. MARSH

1068. **ACCOUNTING PROBLEMS.** Second semester. Three credit hours.

This is a problem course for those who wish to secure a good general review of the subject of general accounting. Problems are taken up in the various fields of accounting which are similar to the work that the student will find in the office, in industry and in commerce. Students desiring to take a C. P. A. examination need this course.

MR. MARSH

1069. **THE FEDERAL RESERVE SYSTEM AND MONEY POLICIES.** Second semester. Three credit hours.

This course is a review of the National Banking System, and the causes leading to the adoption of the Federal Reserve System. It is a comprehensive study of the Federal Reserve in its relation to the banks of the country; the discount policy, and the need and working of a centralized banking system, and methods of stabilizing credit.

MR. PORTER

CO-ORDINATION (All Departments)

Co-ordination classes are prescribed for Freshmen and Sophomores. Pre-Juniors, Juniors, and Seniors discuss their special problems in informal conferences with instructors. All co-ordination instructors are men who have had practical experience in their respective fields.

700-701. **CO-ORDINATION.** First and second semesters. One credit hour each semester. (Freshmen.)

One hour a week of Freshman co-ordination is devoted to English composition. The written reports on co-operative jobs and inspection trips are read by the instructor in English. Instruction and exercises in effective methods of study and reading are given as an orientation for college work.

MR. GOODELL

702-703. CO-ORDINATION. First and second semesters. One credit hour each semester. (Freshmen in Mechanical Engineering.)

Class room work consists of reports and discussions on the student's outside work. One of the primary objects of the course is to teach the student that by keeping his mind alert he can obtain much valuable information while engaged in practical engineering or industrial work.

ASSISTANT PROFESSOR UPP

704-705. CO-ORDINATION. First and second semesters. One credit hour each semester. (Sophomores in Mechanical Engineering.)

During the second year of this course the student is able to take a more active part in his class room work, as the entire period is often assigned to one student who gives an oral or written report on some phase of his outside work.

PROFESSOR GRIFFIN

706-707. CO-ORDINATION. First and second semesters. One credit hour each semester. (Freshmen in Civil Engineering.)

This course endeavors to co-ordinate the student's outside work with his classroom work. This is accomplished by means of class discussions and written reports.

PROFESSOR DURST

708-709. CO-ORDINATION. First and second semesters. One credit hour each semester. (Sophomores in Civil Engineering.)

A study is made of current civil engineering practice. This is done by means of students' reports of their outside employment. Material is also secured from current civil engineering magazines.

PROFESSOR DURST

710-711. CO-ORDINATION. First and second semesters. One credit hour each semester. (Freshmen in Electrical Engineering.)

The purpose of this course is to familiarize the student with the necessary rules of conduct in connection with his outside work, and by informal discussions and written reports to teach him how to derive the most benefit from his co-operative jobs.

PROFESSOR WALTHER

712-713. CO-ORDINATION. First and second semesters. One credit hour each semester. (Sophomores in Electrical Engineering.)

This course covers more advanced discussions of such problems as arise in connection with the outside work. Students are expected to make oral and written reports on assigned subjects in connection with their co-operative jobs.

MR. SMITH

714-715. CO-ORDINATION. First and second semesters. One credit hour each semester. (Freshmen in Commerce Department.)

This course covers a preparation by the student of reports on outside work with a study of his job, its factors, the tools used, and observed data that puts into practice his college work.

PROFESSOR McDERMOTT

716-717. CO-ORDINATION. First and second semesters. One credit hour each semester. (Sophomores in Commerce Department.)

This course is a continuation of courses 714-715, and studies the job and the industry more in detail. Students are encouraged to talk about their work and also the work of other students. In this way the business vocabulary is strengthened and students become familiar with processes in other industries. Fundamentally, the main purpose is to link the work of the University with that in the industry.

PROFESSOR McDERMOTT

ECONOMICS

PROFESSOR McJOYNT

687-688. ECONOMICS. First and second semesters. Six credit hours each semester.

A consideration of the fundamental concepts of economics; definition of terms, theory of value, production, consumption, distribution, etc. A study of practical economic problems such as banking, taxation, trusts, tariff, and socialism.

PROFESSOR McJOYNT

ELECTRICAL ENGINEERING

PROFESSOR WALTHER, MR. SMITH

905. DIRECT CURRENT THEORY. First semester. Six credit hours.

This course covers elementary electrical engineering and includes the study of the principles of electricity and magnetism, electric and magnetic circuits, direct current generators and motors, and storage batteries.

PROFESSOR WALTHER

906. ALTERNATING CURRENT THEORY. Second semester. Six credit hours.

This course covers elementary electrical engineering and includes the study of fundamental ideas regarding alternating electromotive force and current, resistance, inductance, and capacity in alternating current circuits, and the theory of alternating current generators, motors, instruments, and transformers.

PROFESSOR WALTHER

907. DIRECT CURRENT LABORATORY. First semester. Four credit hours.

This course includes elementary exercises in electricity and magnetism, various practical tests on direct current machines, and supplements the theoretical work given in 905.

MR. SMITH

908. ALTERNATING CURRENT LABORATORY. Second semester. Four credit hours.

This course includes elementary experimental study of alternating current circuits, and various practical tests on alternating current machines, and supplements the theoretical work given in 906.

MR. SMITH

911-912-920. **ADVANCED ELECTRICAL THEORY.** First and second semesters, also the following summer term. Five credit hours each semester, and fourteen credit hours for summer term.

This course is a continuation of 905. A more thorough study of the theory and construction of electrical machines and appliances is made. The course includes a large number of problems. During the summer term inspection trips are made to power plants and sub-stations.

PROFESSOR WALTHER

913-914-922. **ADVANCED ELECTRICAL LABORATORY.** First and second semesters. Also following summer term. Two credit hours first semester. Four credit hours second semester. Eight credit hours for summer term.

This course is a continuation of course 908 and includes more advanced experimental study of direct and alternating circuits and equipment, and supplements the theoretical work given in 911-912-920.

PROFESSOR WALTHER

941. **ELECTRIC POWER TRANSMISSION.** First semester. Five credit hours.

This course covers the study of transmission and distribution of electrical power. The economic, mechanical, and electrical principles involved are considered for both underground and overhead systems.

PROFESSOR WALTHER

952. **ELECTRIC RAILWAYS.** Second semester. Four credit hours.

This course includes the study of the forces acting on a train, speed time curves, energy requirements, motor capacity, systems of control, direct versus alternating current, and electricity versus steam for railways.

PROFESSOR WALTHER

961-962. **SPECIAL ELECTRICAL PROBLEMS.** First and second semesters. Six credit hours each semester.

This course is designed to teach the seniors in electrical engineering to work independently. Special exercises are assigned individuals or to groups, such as advanced laboratory experiments or design and construction of special equipment.

PROFESSOR WALTHER

ENGLISH MR. GOODELL

660-661. **ENGLISH COMPOSITION.** First and second semesters. Four credit hours each semester.

Steady practice is given in writing technical descriptions, explanations, and professional letters, and in informal oral argumentation. Students are encouraged also to give imaginative interpretation and presentation of the work of the engineer. Correctness in sentence structure, punctuation, and spelling are strictly insisted upon.

MR. GOODELL

728. PROJECTION DRAWING. Second semester. Four credit hours.

This course is intended to teach the student how to represent an object by showing the proper views. The assigned exercises include problems in orthographic projection, isometric, and oblique drawing, and the conventional methods of drawing bolts, nuts, screw threads, and structural shapes.

PROFESSOR GRIFFIN, MR. SAHAG

729. DESCRIPTIVE GEOMETRY. First semester. Four credit hours.

The science of graphic representation is studied with problems on points, lines, planes, surfaces, and solids with practical applications. MR. SAHAG

730. MACHINE DRAWING. Summer term. Twelve credit hours.

A study is made of the modern drafting-room methods of making machine drawings. Students make freehand sketches of machine parts, detail and assembly drawings, tracings, and blue prints.

PROFESSOR GRIFFIN, MR. SAHAG

733. MECHANISM. First semester. Five credit hours.

A study is made of the various means of transmitting and modifying machine motions and the determination of the relative displacement, velocity, and acceleration of different machine parts.

ASSISTANT PROFESSOR UPP

735. MECHANISM DRAWING. First semester. Two credit hours.

In connection with Mechanism 733 students make layout drawings of various methods of transmitting and modifying motion by means of links, cams, gears, and other common machine parts.

ASSISTANT PROFESSOR UPP

736. MACHINE DESIGN. Second semester. Six credit hours.

The fundamental principles involved in the design and operation of machinery are studied, with problems on the design of riveted joints, keys and shafting, belting, chains and sprockets, gears, bearings, couplings, and other machine parts.

MR. SAHAG

737. MACHINE DESIGN. Summer term. Twelve credit hours.

In this course the student applies the theory as taught in Machine Design 736 and makes a complete design and drawing of an assigned machine.

MR. SAHAG

742. ELEMENTARY HEAT ENGINEERING. Second semester. Five credit hours.

This course is required of all sophomores in engineering. Steam boilers, engines, and other mechanical power units and accessories are studied from a descriptive standpoint, for the purpose of general information and assistance in grasping the theory and design involved in succeeding courses.

PROFESSOR GRIFFIN

744. THERMODYNAMICS. Second semester. Six credit hours.

This course is required of seniors in mechanical and electrical engineering. The study of the transformation of heat into mechanical energy touched upon in course 742 is continued with special reference to steam boilers, engines and turbines, internal combustion engines, refrigerating systems, etc.

ASSISTANT PROFESSOR UPP

747. **HYDRAULICS.** First semester. Six credit hours.

This course is required of juniors in civil engineering and seniors in mechanical and electrical engineering. Some of the fundamental laws on which the theory and design of hydraulic constructions and machinery are based, are studied with special reference to their application in hydro-electric installations.

PROFESSOR GRIFFIN

752. **MECHANICAL ENGINEERING LABORATORY.** Summer term. Four credit hours.

This course is devoted to the calibration and the use of instruments and apparatus such as pressure and vacuum gages, thermometers, steam and gas engine indicators and steam calorimeters.

ASSISTANT PROFESSOR UPP

753. **MECHANICAL ENGINEERING LABORATORY.** Summer term. Ten credit hours.

This course consists of internal combustion engine and gas producer tests. One or two out of town inspection trips are also features of this course.

ASSISTANT PROFESSOR UPP

762. **GAS AND OIL ENGINES.** Second semester. Three credit hours.

The fundamentals involved in the theory, design, and operation of internal combustion engines are studied in this course. Special attention is given to automotive and oil engines.

ASSISTANT PROFESSOR UPP

763-764. **STEAM POWER PLANTS.** First and second semesters. Four credit hours each semester.

Properties of steam, combustion, methods of burning coal, oil, and pulverized coal, and typical power plant installations are studied during the first semester. The second semester consists of laboratory work on the testing of steam engines, steam turbines, condensers and auxiliary apparatus.

ASSISTANT PROFESSOR UPP

765. **HEATING AND VENTILATION.** First semester. Four credit hours.

The purpose of this course is to present the fundamental principles which apply, and the methods of construction which are used in various systems of heating and ventilation.

PROFESSOR GRIFFIN

766. **ELECTIVE IN MECHANICAL ENGINEERING DEPARTMENT.** Second semester. Five credit hours.

In this course the student works out a design or laboratory problem under the supervision of the instructor in charge. The student is required to turn over to the department all data, drawings, etc. in the form of an engineering report.

PROFESSOR GRIFFIN, ASSISTANT PROFESSOR UPP

PHYSICS

PROFESSOR HOUSEHOLDER, MR. DAVIES,
ASSISTANT PROFESSOR GILMOUR

These courses are arranged to cover the subject of mechanics in the first two years, and heat and light during the first semester of the third year. Since each course is built upon the preceding course, it is imperative that they be taken in the order given in the catalog.

679-680. PHYSICS. First and second semesters. Five credit hours each semester.

An elementary course in statics. A thorough study of the conditions under which equilibrium can be obtained and the application of these principles to problems involving simple machines, pier reactions, center of gravity, simple frames and trusses. The course is primarily a laboratory course, but the fundamentals of analytical and graphical analysis must be mastered in order to continue with the succeeding courses. Three recitations and four hours laboratory work per week.

PROFESSOR HOUSEHOLDER, ASSISTANT PROFESSOR GILMOUR

681-682. PHYSICS. First and second semesters. Six credit hours each semester.

A continuation of 679-680 completing the subject of statics and covering the whole field of dynamics, including some work on wave motion. Four recitations and four hours laboratory work per week.

PROFESSOR HOUSEHOLDER, MR. DAVIES

683. PHYSICS. First semester. Five credit hours.

A course covering fundamental principles of heat and light with special emphasis on their engineering application. This course cannot be taken before 682. Five exercises per week; three recitations and two laboratory periods.

MR. DAVIES

SPANISH

MR. TAILLIART

671-672. BEGINNING SPANISH. First and second semesters. Six credit hours each semester.

As soon as practicable, the students will be given work of definite commercial value in translation and composition.

MR. TAILLIART

673-674. SECOND YEAR SPANISH. First and second semesters. Six credit hours each semester.

The aim of this course is to give the student a working knowledge of present-day conditions, opportunities, and business methods in the principal Hispanic countries. Conversational Spanish and practice in actual business correspondence will be emphasized.

MR. TAILLIART

CURTIS SCHOOL OF HOME ECONOMICS

SARAH E. STIMMEL, B. S., *Director*

GENERAL INFORMATION

The Curtis School of Home Economics was established as a unit of the Municipal University in 1914. It occupies the building known as Curtis Cottage, made possible by gifts from the late William Pitt Curtis, of Wadsworth, Ohio, and from many citizens of Akron. Besides the necessary laboratories for work in Home Economics, the building has a cafeteria.

ADMISSION

The following supplements the statement of general entrance requirements previously made (see introductory pages).

Candidates for unconditional admission must present at least 15 units of secondary school work. No student will be admitted with entrance conditions amounting to more than one unit. Such deficiency must be made up during the freshman year.

ENTRANCE REQUIREMENTS

English	3	units
Mathematics (Algebra 1, Pl. Geom. 1)	2	units
*Foreign Language	2	units
U. S. History and Civics	1	unit
Science	1	unit
Elective	5½	units

COURSE OF STUDY

The course in Home Economics requires four years of regular university work and is planned to meet the practical needs of women students. It combines a thorough training in those branches of science essential to intelligent home management with the broadest possible cultural education and forms a basis for those who wish to specialize in home economics or other lines of work. Four years in Curtis School and one year in Teachers College provide a training for those who may wish to become teachers of the subject.

Requirements for a Major in Home Economics: 38 semester hours of actual Home Economics from the courses listed below numbered from 601 to 632; 33 semester hours of minors chosen from the following courses: English (above Freshman Rhetoric) 6, Psychology 6, Sociology 6, Economics 6, History 6, Language (second year) 6, Public Speaking 3; and 24 hours of Science besides Chemistry 353-354.

*These two required units must be in one language.

OUTLINE OF COURSE, REQUIRED WORK

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Rhetoric 51	3	Rhetoric 52	3
*Modern Language	3 or 4	*Modern Language	3 or 4
Textiles 603	2	Textiles 604	2
Elements of Art 1251	2	Design 1252	2
Physical Training	1	Physical Training	1
Child Hygiene 601	3	Current Events	1
Biology 401	4	Home Nursing 602	3
		Biology 402	4
	18 or 19		19 or 20

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Chemistry 353	4	Chemistry 354	4
*Modern Language	3	*Modern Language	3
English 63, 69, or 75	3	English 64, 70, or 76	3
Economics 451	3	Economics 452	3
†Physiology 409	4	†Physiology 410	4
Art 1253	2	Art 1254	2
	19		19

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Nutrition 619	3	Nutrition 620	3
Chemistry 355	4	Chemistry 356	4
Foods 605	4	Foods 606	4
History 1, 271, 277 or 279	3	History 2, 272, 278 or 280	3
Dress 607	3	History of Costume 610	2
House 615	2	House 616	2
		Sewing 608	1
	19		19

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Sociology 213	3	Sociology 214	3
Psychology 201	3	Psychology 202	3
Public Speaking	3	Clothing 614	2
Clothing 613	2	Table and Meal Service 632	2
Dietetics 617	4	Bacteriology 420	4
Bacteriology 419	4	History of Art 628	2
History of Art 627	2	Seminar 612	2
	21		18

Elective studies must be chosen sufficient in number to complete a total of 128 semester hours.

*Modern language must consist of two years in one language.

†Offered 1927-28 and alternate years to women.

A detailed statement of this course of study follows, showing the different subjects that may be taken, and the year in which studied.

	Freshman Credits	Sophomore Credits	Junior Credits	Senior Credits	Total Credits	
Applied Art.....	1251 1252	2 2	1253 1254	2 2	627 2 628 2	12
Textiles.....	603	2	607 608	3 1	613 614	14
Foods and Nutrition.....	604	2	610 605 606	2 4 4	619 620 615 616	20
Household Man'gt....	601 602	3 3	63, 69 or 75 64, 70 or 76	3 3	612 2 91 3	14
English.....	51 52	3 3			271 or 5 or 7 or 9 272 or 6 or 8 or 80 409 410	2 or 3 2 or 3 4 4
History.....	290	1				5 or 7
Biology.....	401 402	4 4				16
Bacteriology.....			353	4	355	419 4 420 4
Chemistry.....			354	4	356	8
Language.....	151 or 171 152 or 172	4 4	153 or 173 154 or 174	3 3		16
Economics.....			451 452	3 3		14
Sociology.....						6
Psychology.....					213 3 214 3 201 3 202 3	6
Physical Training....		1				6
		1				2

DEGREES

For the completion of the four-year course in Home Economics (128 semester hours required for graduation) the degree of Bachelor of Science in Home Economics will be conferred. By means of five-year combination courses, degrees may be obtained from both the School of Home Economics, and either the College of Liberal Arts or the Teachers College, but candidates for such combination courses must announce their intention at the end of the junior year.

MATERIALS

Students provide their own materials in the following courses: Principles of Art, Designing, Textiles, House Planning, Art, Dress, Seminar, and Sewing.

COURSES FOR 1926-1927

All courses numbered over 600 are offered primarily only for students of the School of Home Economics and may be elected by students in the College of Liberal Arts only under the restrictions imposed by that college. For description of courses mentioned only by number, see Buchtel College of Liberal Arts.

HOME ECONOMICS .

PROFESSOR STIMMEL, MISS STINSON

601. CHILD HYGIENE. First semester. Three credit hours.

This course is a study of the principles relating to the hygiene of physical, moral and mental development, involving preventive and constructive problems of child welfare.

MISS STINSON

602. HOME NURSING. Second semester. Three credit hours.

This course deals with home nursing as distinct from the more elaborate technic of hospital nursing. It is a training toward obtaining a better, more intelligent motherhood.

MISS STINSON

603-604. TEXTILES. First and second semesters. Two credit hours each semester.

This course includes a study of fibers and fabrics; a working knowledge of the mechanics of a sewing machine, and hygiene of clothing. The laboratory work includes the proper selection of materials, the making of a complete set of wearing apparel for a college girl, the judging of clothes and a comparison of laboratory and commercially prepared garments.

MISS STINSON

605-606. FOODS. First and second semesters. Four credit hours each semester.

This course is required of all students in the home economics course. It includes a study of food consumption and its place in economic life; of food selection and preparation based upon the amount of money spent for food commodities to obtain the required nutritive value.

PROFESSOR STIMMEL, MISS STINSON

607. DRESS. First semester. Three credit hours.

This course is the drafting and modification of patterns; a selection and a combination of suitable materials, as applied to the making of a simple unlined wool dress, a silk blouse, and a silk dress. It includes the study of spinning, weaving, color and design, and a study of the knowledge of consumer's judgment of all textile materials.

MISS STINSON

608. SEWING. Second semester. One credit hour.

This is a laboratory course, combining art and needle craft work; the making of all hand stitches as applied to children's clothing and household furnishings.

MISS STINSON

610. HISTORY OF COSTUME. Second semester. Two credit hours.

This course is an intensive study of history of costume from early ages to the present time.

MISS STINSON

611-612. SEMINAR. Second semester. Two credit hours.

This course is open only to upper classmen.

PROFESSOR STIMMEL

615-616. HOUSE. First and second semesters. Two credit hours each semester.

This course is a practical study of the purchase and use of every household commodity from the standpoint of economy, health, and comfort with suggestions pertaining to the selection, purchase, storage, care and repair of each.

PROFESSOR STIMMEL

617. DIETETICS. First semester. Four credit hours.

This course is a quantitative study of food materials. It explains the problems involved in the calculation of food values and food requirements, and the construction of dietaries. It is a study of dietary standards, of infant and invalid cookery.

PROFESSOR STIMMEL

619-620. NUTRITION. First and second semesters. Three credit hours each semester.

This course is a study of the chemistry of foods and the processes of nutrition. It includes a study of the nutrition of children as to requirements for energy, calcium, iron, phosphorus and vitamins.

PROFESSOR STIMMEL

627-628. HISTORY OF ART. First and second semesters. Two credit hours each semester.

This course is a study of the history of foreign art the first semester, and the history of American art the second semester. One semester's work may be taken with credit, without necessarily completing the year's work.

PROFESSOR STIMMEL

632. TABLE AND MEAL SERVICE. Second semester. Two credit hours.

This course includes a study of setting the table, planning, buying, and serving of balanced meals, computing the cost of serving one person, the number in the class, and from these calculating the cost of serving fifty.

MISS STINSON

ART

Courses: 1251, 1252, 1253, 1254, 1255 (see Teachers College).

BIOLOGY

Courses: 401, 402, 409, 410, 415, 416, 418, 419, 420, 422.

CHEMISTRY

Courses: 353, 354, 355-356.

ECONOMICS AND SOCIOLOGY

Courses: 213, 214, 451, 452.

ENGLISH

Courses: 51, 52, 63, 64, 68, 69, 70, 75, 76.

FRENCH

Courses: 151, 152, 153, 154, 155, 156, 157-162.

GERMAN

Students may enter any course offered for which they are prepared.

HISTORY

Courses: 1, 2, 271, 272, 277, 278, 279, 280.

PHILOSOPHY

Courses: 201, 202, 203, 204, 206.

PHYSICAL TRAINING

Courses: At least one year is required (see general catalog).

POLITICAL SCIENCE

Courses: 261, 262, 265, 266.

PUBLIC SPEAKING

Courses: At least three hours are required.

SPANISH

Courses: 171, 172, 173, 174, 175, 176.

All courses mentioned by number will be found under Buchtel College of Liberal Arts, unless otherwise noted.

THE TEACHERS COLLEGE

W. J. BANKES, A. M., *Dean*

GENERAL INFORMATION

The Teachers College is organized under the joint management of the Akron Board of Education and the Directors of the University. The general oversight of the Teachers College is in charge of the President of the University and the Superintendent of Schools. The work is specifically organized for the following purposes:

- (a) The preparation and training of teachers for the Akron Public School System.
- (b) The professional improvement of teachers already engaged in the Public School Service.
- (c) The study of educational problems.

In general, the Teachers College is expected to achieve a threefold purpose. The first of these is the affiliation of teacher training with the various colleges of the University, a situation which gives opportunity to all teachers in training to receive academic preparation along with the professional training. As soon as feasible, a bachelor's degree will be required of all those who wish to become applicants for teaching positions in the Akron schools. A four-year period of training offers opportunity for a wider and more thorough preparation than two-year or three-year periods.

Teacher training is based upon the broader academic field of knowledge and is applied to the actual educational situation as it exists in Akron. The Board of Education encourages this broader training by inducements in salary. The maximum salary for elementary teachers in Akron is now \$2,000 and the beginning salary is \$1,000. Those who finish the three-year course will begin at a salary of \$1,200 while those who finish the four-year course will begin at \$1,400 with a maximum of \$2,800. Those who complete the five-year course will begin at \$1,500. The first year in the Akron Public Schools is try-out year. Teachers are not placed on regular, permanent appointment until after one year's service.

The second purpose is to increase very considerably the opportunities for continued training to teachers already in service. Evening and Saturday courses are offered for those who wish them. It is hoped many will take courses leading to degrees and that the whole college organization will function as a source of knowledge, assistance and inspiration to the teachers in service.

The third purpose is to bring teacher training into closer contact with the instructional, supervisory and administrative forces of the city. The real, vital problems of education may thus be studied by all who represent these forces. In this way the vigorous progressive phases of school work in the city will be reflected in the training courses and the study of these problems by the Teachers College will bring suggestions for methods in teaching, for new forms of training, and for various modifications of school work.

All students are under the rules governing students of the University and are entitled to all the privileges of the institution.

ENTRANCE REQUIREMENTS

The following supplements the statement of general entrance requirements made on introductory pages.

The requirement for unconditional entrance is 15 units.

The specific requirements for entrance to Teachers College are as follows:

English	3 units
Mathematics (Algebra 1, P. Geometry 1).....	2 units
*Foreign Language	2 units
History	1 unit
Science	1 unit

THE ENGLISH CLUB

All undergraduate students in Teachers College are required to do active work in this club for one full year before receiving a diploma or a degree. Work must be done satisfactory to the instructor in charge. The purpose of this club is not only to give practice in the use of correct language forms, but also to study such grammatical constructions as aid in the use of good English.

COURSES OF STUDY AND DEGREES

Teachers College trains teachers for all departments of the public school system. Those who finish four years, 128 semester hours in training, receive the Bachelor of Education degree. For those who complete five years' work, the graduate division offers opportunity for the Master's degree. *Those training for kindergarten or elementary school teaching may qualify for appointment in the Akron public schools by completing three years' work providing the Dean of Teachers College is notified of this plan in time to classify such students so that the required professional training for state certification may be included in the three years' work. Students desiring to satisfy the requirements of the state department for certification in two years must make this known to the Dean at time of entrance.* All above plans lead to State certificates but the two-year plan does not prepare for appointment in the Akron schools.

*Students deficient in foreign language entrance requirements except those who take the Commercial course, must make up such deficiency before admission to Junior rank.

PRACTICE TEACHING

The practice teaching in all courses is done in the public schools in regular school rooms under the supervision of critic teachers. Each student must teach for a semester under regular assignment and is held responsible for results of pupils for the semester. Each elementary critic under the regular plan supervises four student teachers. Each high school critic supervises but one student teacher. Under such supervision the student teacher really becomes an apprentice in teaching.

KINDERGARTEN-PRIMARY COURSE

Students who complete the Kindergarten-Primary course receive State certificates to teach the kindergarten and first or second grades in the elementary schools. At the end of the first year, each student must show sufficient ability in piano to receive the approval of the Dean.

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English 51	3	English 52	3
Political Science 261	4	General Psychology 1102	4
Speech 91	3	General History of Education 1130	3
Music	2	Music	2
Physical Education 1353	1	Physical Education 1354	1
How to Study 1123	1	Current Events 290	1
Mathematics, History, Science or Foreign Language	4	Mathematics, History, Science or Foreign Language	4
	18		18

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Biology 401	4	Biology 402	4
English	3	English	3
Educational Psychology 1103	2	Educational Psychology 1104	2
Story Telling 89	3	Story Telling 90	3
Lit. for Primary Grades 1244	3	Personal Hygiene 1172	2
Physical Education 1355	1	Physical Education 1356	1
Kindergarten Music	1	Kindergarten Music	1
	17		16

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English	3	English	3
Social Origins 213	3	Social Problems 214	3
Principles of Teaching (1 hr. of Observational) 1210	3	Educational Measurements 1134	2
Intro. to study of Educa. 1133	2	Primary Methods 1217	3
Primary Methods 1217	3	Public School Music 1232B	2
Art 1251	2	Professional Ethics 1125	1
Public School Music 1232A	2	Psychology of Learning 1112	2
	18	School Law 1174	2
			18

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Play Materials 1305	2	Practice Teaching 1301	4
Songs and Games 1309	2	Practice Teaching (First or	
Art 1311	2	Second Grade) 1213A	4
Kindergarten Handwork 1307	2	Kindergarten Methods 1303	3
Child Psychology 1105	2	Primary Methods 1216	3
Piano 1315	1	Piano 1316	1
History, Phil. Kindergarten 1313	2	School Management 1241	2
Electives	3		
	16		17

If a foreign language not taken in high school is selected, two years are required. Eight hours' credit may be given for piano if the Dean approves of the work.

COURSES FOR ELEMENTARY TEACHERS
TWO YEAR COURSE

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Rhetoric 51	3	History of Ed. 1131	3
Gen. Psychology 1102	4	Literature for Upper Grades 1243	3
Physical Ed. 1353	1	Physical Ed. 1354	1
Speech 91	3	Art 1252	2
Art 1251	2	Tests and Measurements 1134	2
Story Telling	3	Teaching History 1240	2
Public School Music 1232-A	2	Teaching Geography 1223	2
		Public School Music 1232-B	2
		Personal Hygiene 1172	2
	18		19

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Teaching Arithmetic 1225	2	Practice Teaching 1213	8
Teaching Language 1239	2	School Management 1241	3
Lit. for Primary Grades 1244	3	Methods 1246	3
Principles of Teaching 1210	3	Ed. Problems 1211	1
Primary Methods 1217	3	Professional Ethics 1125	1
American Government 261	4		
Educational Psychology 1103	2		
	19		16

Students completing this course will receive a diploma. All graduates of this course are eligible to the State certificate but are not placed on the appointment list for Akron schools. However, they may teach in any school of the State where more rigid requirements have not been made.

FOUR YEAR COURSE

Students training in this course will select the grades in which they plan to teach, and methods for these various grades must be taken. Students desiring to specialize for various positions in platoon schools should plan their courses accordingly.

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
✓ English 51	3	✓ English 52	3
Political Science 261	4	General Psychology 1102	4
✓ Art 1251	2	✓ General History of Education 1130	3
Music	2	Music	2
Physical Education 1353	1	Physical Education 1354	1
How to Study 1123	1	Mathematics, History, Science, or Foreign Language	4
✓ Mathematics, History, Science, or Foreign Language	4		
	17		17

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Biology 401	4	Biology 402	4
✓ English	3	✓ English	3
Educational Psychology 1103	2	Educational Psychology 1104	2
✓ Story Telling 89	3	School Law 1174	2
✓ History of Education in the United States 1131	3	✓ Art 1252	2
Physical Education 1355	1	Physical Education 1356	1
		Literature for the Grades 1244	3
	16		17

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
✓ Speech 91	3	English	3
Social Origins 213	3	Social Problems 214	3
Introduction to Education 1133	2	Objectives in Elementary Education 1209	2
Public School Music 1232A	2	Public School Music 1232B	2
Observation 1203	2	Principles of Teaching (1 hr. of Observation) 1210	3
*The Teaching of Arithmetic 1225	2	*The Teaching of History 1240	2
*The Teaching of Language 1239	2	*The Teaching of Geography 1223	2
Introduction to Teaching 1174	1		
	17		17

*Those preparing for primary teaching will take Primary Methods, Literature for Primary Grades, and Folk Games the first semester. The second semester they will take Story Telling and Primary Methods.

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Practice Teaching 1213B	8	Educational Measurements 1134.....	2
School Management 1241	3	Art 1254	2
Methods 1246A	3	Personal Hygiene 1172	2
Educational Problems 1211	1	Psychology of Learning 1112	2
Child Psychology 1105	2	Professional Ethics 1125	1
		Electives	7
	17		16

If a foreign language not taken in high school is selected, two years are required.

ART COURSE

This course is offered to students who desire to train for teaching art in the schools. Upon its completion, the Bachelor's degree in Education is granted and a state certificate to teach art is issued by the State Department.

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English 51	3	English 52	3
Physical Education 1353	1	Physical Education 1354	1
Story Telling 89	3	Story Telling 90	3
How to Study 1123	1	Art 1252	2
Art 1251	2	Art 1254	2
Still Life 1259	2	General Psychology 1102	4
History of Ed. in U. S. 1131	3	Current Events	1
	15		16

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English	3	English	3
Landscape 1257	2	Home and School Crafts 1255.....	2
Commercial Art 1263	2	Interior Decoration 1258	2
Mechanical Drawing 1409	2	Mechanical Drawing 1410	2
Costume Design 1253	2	Commercial Art 1264	2
Ed. Psychology 1103	2	Ed. Psychology 1104	2
American History 277	2	American History 278	2
Phys. Education 1355	1	Physical Education 1356	1
	16		16

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Biology 401	4	Biology 402	4
Adv. Home and School Crafts 1256	2	Pose 1260	2
Kgn. Art 1311	2	Illustration 1262	2
Kgn. Handwork 1307	2	History of Art 628	2
History of Art 627	2	Prin. of Teaching 1210	3
Classical Mythology 19	3	Speech 91	3
Introduction to Teaching 1124	1		
	16		16

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English	3	Prac. Teaching 1213-G	8
Int. to Ed. 1133	2	Methods 1246-F	4
Child Psychology 1105	2	Ed'l Problems 1211	1
Electives	9	Prof. Ethics 1125	1
		Psy. of Adolescence 1107	2
		School Management 1241	2
	16		18

MUSIC COURSE

The following combination course is offered to students training for teaching Music in the schools. Students are required to spend one year in some special Music school approved by the Dean. Not more than 48 hours of music credit will be accepted from other institutions toward the degree.

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English 51	3	English 52	3
History of Education in the United States 1131	3	General Psychology 1102	4
Physical Education 1353	1	Physical Education 1354	1
Speech 91	3	Current Events	1
How to Study 1123	1	Music	2
Music	2	Glee Club	1
Glee Club	1	Orchestra	1
Orchestra	1	Mathematics, History, Science or Foreign Language	3
Mathematics, Science, History or Foreign Language	3		
	18		16

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Biology 401	4	Biology 402	4
English	3	English	3
Ed'l Psychology 1103	2	Ed'l Psychology 1104	2
Social Origins 213	3	Public School Music 1232B	2
Story Telling 89	3	Social Problems 214	3
Physical Education 1355	1	Psychology of Adolescence 1107	2
Public School Music 1232A	2	Physical Education 1356	1
	<hr/>		<hr/>
	18		17

THIRD YEAR

The third year must be a full year's work in some Music School approved by the Dean.

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English	3	School Management 1241	2
Child Psychology 1105	2	Practice Teaching 1213-H	8
Introduction to the Study of Education 1133	2	Special Methods 1246-G	4
Introduction to Teaching 1174	1	Educational Problems 1211	1
Principles of Teaching	3	Professional Ethics 1125	1
Electives	5		
	<hr/>		<hr/>
	16		16

HOME ECONOMICS COURSE

The following course leads to the Bachelor of Education degree and eligibility for appointment in the Akron schools. Students completing this course are entitled to the state special certificate for teaching Home Economics. Course descriptions are found in the Home Economics division of the general catalog.

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Biology 401	4	Biology 402	4
Rhetoric 51	3	Rhetoric 52	3
Textiles 603	2	Textiles 604	2
Child Hygiene 601	3	Art 1251	2
General Psychology 1102	4	Nursing 602	3
Physical Education 1353	1	Physical Education 1354	1
		How to Study 1123	1
	<hr/>		<hr/>
	17		16

TEACHERS COLLEGE

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Chemistry 353	4	Chemistry 354	4
Foods 605	4	Foods 606	4
Ed. Psychology 1103	2	Ed. Psychology 1104	2
Hist. of Ed. in U. S. 1131	3	Hist. of Costume	2
Social Science	3	Social Science	3
		Art 1258	2
	16		17

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Chemistry 355	4	Chemistry 356	4
Bacteriology 419	4	Sanitation 422	3
Nutrition 619	3	Nutrition 620	3
Dress 607	3	Table and Meal Service 632	2
Prin. of Teaching 1210	3	House 616	3
(1 hr. Observation per week)		Clothing 610	2
	17	Sewing 608	1
			18

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Psychology	2	Practice Teaching 1213-D	8
English Lit.	3	Special Methods 1246-C	4
Art 1253	2	Ed. Problems 1211	1
Introduction to Teach. 1124	1	Professional Ethics 1125	1
Electives	8	School Management 1241	2
	16		16

COURSE FOR COMMERCIAL TEACHERS

Students entering this course must have at least two entrance credits in stenography, typewriting or bookkeeping. Foreign language is not required for entrance. The student must satisfy the instructors and Dean with regard to ability in stenography and typing before graduation. Graduates of this course are placed on the appointment list of the Akron schools. Completion of this course entitles the student to a state special certificate and Bachelor of Education degree. Course descriptions of commerce courses are found in the Commerce division of the general catalog.

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
How to Study 1123	1	General Psychology 1102	4
Rhetoric 51	3	Rhetoric 52	3
Physical Education 1353	1	Physical Education 1354	1
Secretarial Duties 1033	3	Commercial Arithmetic 1069	4
American Government 261	4	Economic Development of the U. S. 1021	3
Industrial and Commercial Geography 1019	3		
	15		15

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Business Economics 687	3	Business Economics 688	3
English 63	3	English 64	3
Physical Education 1355	1	Physical Education 1356	1
Accounting 1027	4	Accounting 1028	4
Office Practice 1041	3	Office Practice 1042	3
Money and Banking 1045	3	Statistics 1040	3
	<u>17</u>		<u>17</u>

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Educational Psychology 1103	2	Educational Psychology 1104	2
Principles of Teaching 1596	3	School Law 1174	2
Business Law 1047	3	Hist. of Ed. in U. S. 1131	3
Business Finance 1035	3	Business Correspondence 1033	2
Cost Accounting 1051	2	Marketing 1043	3
Foreign and Domestic Commerce 1053	2	Cost Accounting 1052	2
Indexing and Filing 1031	2	Railroad and Traffic Problems 1049	3
	<u>17</u>		<u>17</u>

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Practice Teaching	8	Psychology of Adolescence 1107	2
Special Methods	4	Business and Industrial Problems 1055	2
School Management 1241	2	Business Administration 1037	3
Educational Problems 1211	1	Thesis 1066	2
Introduction to Teaching 1124	1	Electives	6
Thesis 1065	2		
	<u>18</u>		<u>15</u>

COURSE FOR TEACHERS OF VOCATIONAL SUBJECTS

This course leads to the Bachelor of Education degree and placement on the appointment list of the Akron Public Schools.

In addition to 128 hours required for graduation, each student must have eight months of trade experience in the subject selected as major. This trade experience must be approved by the Dean of the School and may be secured during the summer vacations. At the end of the Freshman year, the student will select his major vocational subject which will be pursued during the remaining three years.

TEACHERS COLLEGE

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English 51	3	English 52	3
How to Study 1123	1	General Psychology 1102	4
College Algebra 302	4	Trigonometry 301	4
History of Education in Practical Arts 1401	2	Elements of Art 1251	2
Woodworking 1403	3	Woodworking 1404	3
R. O. T. C. and Gymnasium	2	R. O. T. C. and Gymnasium	2
	<hr/> 15		<hr/> 18

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Biology 401	4	Biology 402	4
English	3	English	3
Educational Psychology 1103	2	Educational Psychology 1104	2
Metal Working 1405	3	Metal Working 1406	3
Methods in Shop Subjects 1407	2	Methods in Shop Subjects 1408	2
Mechanical Drawing	2	Mechanical Drawing	2
R. O. T. C. and Gymnasium	2	R. O. T. C. and Gymnasium	2
	<hr/> 18		<hr/> 18

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Physics 331	4	Physics 332	4
Social Origins 213	3	Social Problems 214	3
Introduction to Study of Educa- tion 1133	2	Principles of Teaching 1210	3
Principles of Economics 451	3	Labor Problems 453	3
Psychology of Shop Subjects 1411	2	Psychology of Shop Subjects 1412	2
Printing 1413	3	Printing 1414	3
	<hr/> 17		<hr/> 18

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
General History of Education 1130	3	Practice Teaching 1213-E	8
Administration of Vocational Education 1415	2	Special Shop Methods 1246-D	4
Electrical Shop 1417	4	Educational Problems 1211	1
House Planning	2	Professional Ethics 1125	1
Field Project Suitable to Major Subject 1419	4	Psychology of Adolescence 1107	2
Professional Ethics 1124	1	School Management	2
	<hr/> 16		<hr/> 18

PHYSICAL EDUCATION

Students desiring to train for positions in teaching physical education have opportunity to get this training and receive the Bachelor of Education degree. The completion of this course entitles the student to a State certificate and a place on the appointment list in Akron.

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English 51	3	English 52	3
Biology 401	4	Biology 402	4
History of Education in the United States 1131	3	General Psychology 1102	4
Physical Education 1353	1	Physical Education 1354	1
First Aid and Massage 1350	1	General History of Education 1130	3
Folk Games 1352	2	Play and Games 1362	1
Play and Games 1361	1	Current Events	1
How to Study 1123	1	First Aid and Massage 1351	1
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	16		18

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Political Science 261	4	Political Science 262	4
English	3	English	3
Educational Psychology 1103	2	Educational Psychology 1104	2
Physical Education 1355	1	Physical Education 1356	1
Elective	2	Applied Anatomy 1384	3
Human Physiology 409	4	Human Physiology 410	4
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	16		17

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Social Origins 213	3	Social Problems 214	3
Prescription of Exercise 1359	2	Prescription of Exercise 1360	2
Introduction to Study of Educa- tion 1133	2	Principles of Teaching (1 hr. Observation) 1210	3
Principles of Coaching Basketball 1365	1	History and Organization of Phys. Ed. 1364	2
History and Organization of Phys. Ed. 1363	2	Principles of Coaching Baseball 1366	1
Physical Ed. Practice 1381	1	Physical Ed. Practice 1382	1
Electives	4	Personal Hygiene 1172	2
Swimming 1383	1	School Law 1174	2
		Coaching Track and Field Athletics 1372	1
	<hr/>		<hr/>
	16		17

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Administration of Physical Education 1367	2	Psychology of Adolescence 1107	2
Principles of Coaching Football 1369	1	Teaching Physical Education 1368	8
Intro. to Teaching 1124	1	Special Methods in Physical Education 1370	4
Physiology of Exercise 1385	2	Educational Problems 1211	1
Electives	10	Professional Ethics 1125	1
		School Management 1241	2
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	16		18

COURSES FOR HIGH SCHOOL TEACHERS

Students of Teachers College may spend four years in secondary education which places them on the appointment list in Akron for Junior High School positions. Such students must confer with the Dean and select majors and minors according to the requirements of the State Department of Education. Upon completion of the course, students receive the Bachelor of Education degree and the state certificate to teach in high schools of the state except in cities requiring five years of training. This is a very good course for students seeking appointment in Akron. A fifth year while teaching entitles them to consideration for promotion to senior high school appointment.

Students desiring appointment in Senior High Schools of Akron will spend five years in training. This training may be taken in Teachers College in which case the Bachelor of Education and Master of Education degrees are granted or students may graduate from the Liberal Arts college with the Bachelor's degree and spend a fifth year in Teachers College for the Education degree. Students in the Liberal Arts college should select such courses in Teachers College as will enable them to prepare for state requirements and thus work off preliminary courses to the fifth year. These students may receive such information from the Dean of Teachers College.

GRADUATE COURSES

To encourage graduate study, three teaching fellowships have been established. Each fellowship remits the regular tuition fee and pays the student who may receive such appointment \$320 in ten equal monthly payments. The maintenance fee is not remitted. Each student appointed will be required to teach one class each semester. Anyone interested in a fellowship appointment should apply to the Dean.

The graduate courses of Teachers College are open to any student who holds the Bachelor's degree from an approved institution. The Master's degree is conferred when the student has received thirty-two hours of unduplicated graduate credit, and has met the following requirements:

- (a.) All work for the degree must be done under the direction of Teachers College.
- (b.) The major in the graduate course must be logically related to the preliminary training, and may come from the departments of Education or Psychology.
- (c.) As a preliminary, one course in education and one course in psychology shall be required.
- (d.) Each candidate for the degree must present a major sequence of not less than 18 semester hours' credit in some one department.
- (e.) The candidate must present one minor sequence of not less than 10 semester hours' credit. This sequence must have the approval of the

head of the department in which the major sequence is taken, and must be taken in the department of Education, provided the major sequence has not been taken in that division and provided further the candidate has not presented the equivalent of 10 semester hours in Education in undergraduate courses.

(f.) At least three-fourths of the work credited for the Master's degree must be of A or B grade.

(g.) All candidates for the Master's degree shall offer 24 hours of strictly graduate credit and meet all other catalog requirements.

(h.) Undergraduate courses offered for graduate credit shall be subject to the following restrictions:

They shall be subject to the approval of the Head of the Department of Education and the Dean of Teachers College.

All such approved undergraduate courses for graduate credit shall count for one-half of the number of hours regularly accredited to undergraduate courses.

No readings or reports shall be required from graduate students in undergraduate courses that are not required of others.

Not more than eight hours of graduate credit for such undergraduate work may be offered for a Master's degree.

(i.) The candidate shall be required to present a satisfactory thesis on some subject in the general field of his major sequence. He will be required to take the seminar course extending throughout the year and present such parts of his thesis as may be decided upon by his major professor. The thesis and seminar shall be considered as a part of the 18 hours required for major.

(j.) The candidate shall be required to take final oral and written examinations in his major and minor sequences.

The name of the degree granted shall be determined by the name of the Bachelor's degree submitted for entrance to the graduate courses.

Candidates for the Master's degree are expected to declare their candidacy at the beginning of the year's work. Recommendation for acceptance of candidates must come from the Head of the Department in which the major sequence is taken, at least one semester before the degree is granted. A diploma fee of \$10 is charged for the Master's degree.

ACADEMIC DEPARTMENTS

Students in Teachers College are assigned to classes in the Liberal Arts College for academic work in the various departments such as Mathematics, History, Political Science, Sociology, English, Foreign Languages and the Sciences. Arrangements for assigning students desiring commercial subjects to the College of Engineering and Commerce have also been made. This affiliation makes it possible for students in Teachers College to prepare for teaching any academic or commercial subject and, at the same time, satisfy the State requirements for professional training. For description of academic or commercial subjects, see general catalog. Such subjects required in Teachers College courses are numbered as in the general catalog of the University.

DEPARTMENTS OF INSTRUCTION

The general system of numbering and arrangement is according to the following groups:

Art	1251-1260
Graduate Courses	1500-1600
Industrial and Vocational Education	1400-1450
Kindergarten Training	1300-1350
Methods and Teaching	1201-1250
Physical Education	1351-1400
Psychology and Education	1101-1200

Other subjects are numbered as in the general catalog.

COURSES FOR 1926-27

ART

MRS. BARNHARDT

1251. ELEMENTS OF ART. First semester. Repeated second semester.
Two credit hours.

The elementary principles of design, color, lettering, composition, perspective and historic ornament are studied. Prerequisite for work in all advanced courses.

MRS. BARNHARDT

1252. DESIGN. First semester. Repeated second semester. Two credit hours.

This is a course in advanced design including the adaptation of merits to definite spaces, and the consideration of the limitations of various mediums. Prerequisite for 1255.

MRS. BARNHARDT

1253. COSTUME DESIGN. First semester. Two credit hours.

This is a course in history of costume from the standpoint of design and color, and the relation and adaptation to modern dress.

MRS. BARNHARDT

1254. TECHNIQUE OF VARIOUS MEDIUMS. Second semester. Two credit hours.

A series of progressive lessons using pencil, pen and ink, brush and ink, water color, crayon and oil.

MRS. BARNHARDT

1255. HOME AND SCHOOL CRAFTS. Second semester. Two credit hours.

A course in applied design including stenciling; block printing; tooled, cut, and dyed leather; parchment shades; enamel; gesso; applique; embroidery; and simple problems in batik. Prerequisite for 1256.

MRS. BARNHARDT

1256. **ADVANCED HOME AND SCHOOL CRAFTS.** First semester. Two credit hours.

A course in applied design following 1255 and including color cement, weaving, hooked rugs, batik wall hangings, modeling, basketry, book binding, toy making and wood carving. MRS. BARNHARDT

1257. **STILL LIFE.** First semester. Two credit hours.

A course in free-hand drawing from common objects and natural forms using different mediums. A thorough training in the science of perspective. Prerequisite, 1254. MRS. BARNHARDT

1258. **INTERIOR DECORATION.** Second semester. Two credit hours.

This course includes the making of floor plans and elevations for at least two houses; the study and application of the principles of design and color as related to architectural interiors; the selection and combination of elements as required in home furnishing; the study of historic period decoration. MRS. BARNHARDT

1259. **LANDSCAPE.** First semester. Two credit hours.

This course aims to give training in sketching from nature, and the use of nature material in pictorial and decorative landscape painting. Work will be done out of doors when the weather permits. A study of great landscape painters and their methods will be made and the class will frequently visit the Akron Art Institute. Different mediums will be used. Prerequisite, 1254 and 1257. MRS. BARNHARDT

1260. **POSE.** Second semester. Two credit hours.

A course in drawing from the draped model, studying the anatomy of bodily and facial expression. A pictorial and decorative treatment of the human figure will be studied. Masterpieces of sculpture and painting will be used as reference material. Prerequisite, 1254 and 1257. MRS. BARNHARDT

1262. **ILLUSTRATION.** Second semester. Two credit hours.

This course deals with the principles which underlie imaginative drawing. It promotes the originality of the student and helps him to express himself through different mediums. Modern processes of reproduction are taught. Prerequisite, 1254, 1257, 1259 and 1260. MRS. BARNHARDT

1263. **COMMERCIAL ART.** First semester. Two credit hours.

This course embraces the principles of advertising in connection with page arrangement, magazine, newspaper and poster layout, use of interior, costume and figure in commercial drawings. Standard forms of lettering and the adaptation to subject matter is taught. MRS. BARNHARDT

1264. **COMMERCIAL ART.** Second semester. Two credit hours.

This course includes illustration, design and composition. The technique of the pencil, pen, charcoal, crayon, pen and ink, brush and ink, water color is studied both from an artistic standpoint and in relation to the various reproducing processes. Prerequisite, 1263. **MRS. BARNHARDT**

1307. **KINDERGARTEN HANDWORK.** First semester. Two credit hours.

This course is preparatory work for teachers in kindergarten and primary grades. Materials used are clay, paper, cardboard, wood, raffia, reed, and textiles. **MRS. BARNHARDT**

1311. **KINDERGARTEN ART.** First semester. Two credit hours.

This is a course in freehand drawing, blackboard drawing, composition, color and design. Thorough knowledge of handling of different mediums, stick printing, water colors, scissors and crayons is sought.

MRS. BARNHARDT

1409-1410. **MECHANICAL DRAWING.** First and second semesters.
Two credit hours.

In this course a thorough study of fundamentals of lettering; perspective; orthographic; isometric and cabinet projection; development of surfaces and simple architectural drawing is taught. **MRS. BARNHARDT**

*GRADUATE COURSES

**DEAN BANKES, PROFESSOR HAYES, PROFESSOR KUHNES, MR. FLOOD,
MR. HAWK.**

1500-1501. **SEMINAR.** First and second semesters. Two credit hours
each semester.

Various members of the class will present theses and special problems will be presented by persons by invitation. **DEAN BANKES**

1502. **EDUCATIONAL SOCIOLOGY.** First semester. Two credit hours.

Many of the school problems which have as their basis social conditions serve as material for investigation and discussion. An effort will be made to analyze home, city, and state social conditions in the light of their educational significance. The chief aim of the course will be to define and analyze the social forces so that some of the problems of the school, the curriculum and the administration may be approached in a more satisfactory manner. **PROFESSOR HAYES**

1503. **CURRENT EDUCATIONAL THOUGHT.** First semester. Two
credit hours.

The purpose of this course is to analyze critically the new books on educational philosophy, theory and practice. The aim will be to familiarize the student with current educational thought as expressed in the newest books and magazines. **PROFESSOR KUHNES**

*Undergraduates may be admitted to these courses only by permission of the Instructor and the Dean.

1505. THESIS. Four credit hours.

This course is open to graduate students and is required of all who are candidates for the Master's degree.

Conferences by appointment are held during both semesters. In addition to the preparation of the thesis, at least two appearances before the Seminar are required. A fee of ten dollars is charged for the thesis work.

DEAN BANKES, PROFESSOR HAYES, PROFESSOR KUHNES

1506. RESEARCH PROBLEM. Credit by arrangement—1 or 2 hours.

This course is open to graduate students and is in addition to the thesis. Only those who have received permission from their major professor and whose problem is approved, may receive credit. A fee of \$5 is charged.

PROFESSOR HAYES, PROFESSOR KUHNES

1523. MENTAL HYGIENE. Second semester. Two credit hours.

This course is open to graduate students and will consist of both library assignments and class recitations. The basis of the course is a study of the more efficient methods of learning both from the pedagogic and hygienic basis. Not offered in 1926-27.

PROFESSOR HAYES

1526. GENETIC PSYCHOLOGY. First semester. Two credit hours.

The course is open to graduate students and others who have had sufficient preparation in psychology and biology to satisfy the instructor.

This is a basic course for those who wish to major in psychology in their graduate work. Not offered in 1926-27.

PROFESSOR HAYES

1527. ABNORMAL PSYCHOLOGY. Second semester. Two credit hours.

The course will consist of lectures, discussions and reports dealing with disorders of perception, association, memory, affection, volition, personality, judgment and action, with respect to their respective normal phenomena. Open to graduate students and those whose experience has fitted them for appreciative study in this field.

PROFESSOR HAYES

1528. ADVANCED EDUCATIONAL PSYCHOLOGY. First semester. Two credit hours.

This is a graduate course and will consist of a general survey of the field of psychology both from a social and educational basis. Not offered in 1926-27.

PROFESSOR HAYES

1529. PSYCHOLOGICAL SYSTEMS. First semester. Two credit hours.

The various theories, definitions, and conceptions of psychology will be studied. Some library work will be required in the field of psychic causation and the theories of the subconscious.

PROFESSOR HAYES

1530. COMPARATIVE PSYCHOLOGY. Second semester. Two credit hours.

The material for the course consists of investigations of the experimental data relative to the animal mind and the animal reactions to various stimuli. The work consists of both lectures and reports.

PROFESSOR HAYES

1531. SOCIAL PSYCHOLOGY. Second semester. Two credit hours.

The course will be given from the behavioristic viewpoint of psychology. Readings and reports from related fields of sociology and the other social sciences will be required. Not offered in 1926-27.

1532. PSYCHOLOGY OF ADOLESCENCE. Second semester. Two credit hours.

This course is open to seniors, teachers of experience and graduate students. The course deals with the problems of adolescence, the physical and psychic changes which take place during the period of adolescence. The numerous problems of adjustment incident to the junior and senior high school age, such as social adjustment, sex, juvenile delinquency, and general mental development will receive attention. Current literature dealing with adolescent activities will be assigned for report and discussion. Prerequisite, General Psychology and Educational Psychology.

PROFESSOR HAYES

1551. OBJECTIVES IN SECONDARY EDUCATION. First semester. Two credit hours.

This course is designed to orient the thinking of students regarding the historical, national, sociological, biological, psychological, pedagogical, and philosophical determinants of objectives in education.

PROFESSOR KUHNES

1554. COMPARATIVE SCHOOL SYSTEMS. Second semester. Two credit hours.

This course is designed to give an appreciation of the ideals, organization, administration, and teaching practices of foreign countries and to compare their school systems with those of America.

PROFESSOR KUHNES

1560. THE TEACHING STAFF AND ITS ORGANIZATION. Two credit hours.

The purpose of this course is to establish a basis for constructive thinking regarding the solidarity of the teaching profession and the desire to participate in the solution of the great problems in the school system.

PROFESSOR KUHNES

1561. EDUCATIONAL ADMINISTRATION. Second semester. Two credit hours.

This course is designed to present the fundamental principles of educational administration, and planned to develop intelligent and sympathetic understanding of problems of organization and administration. Not offered in 1926-27.

PROFESSOR KUHNES

1562. EXTRA CURRICULAR ACTIVITIES. Second semester. Two credit hours.

The purpose of this course is to point out the significance of extra curricular activities in the intellectual, physical, social and moral maturing of the child, and the unifying influence on education as a whole. Not offered in 1926-27.

PROFESSOR KUHNES

1575. ANTHROPOLOGY OF THE SCHOOL CHILD. Second semester. Two credit hours.

This course is designed to orient the thinking of the student regarding the laws of human life, and develop a method that systematizes the positive study of the child for pedagogic purposes with a view to establishing philosophic principles of education. Not offered in 1926-27.

PROFESSOR KUHNES

1578. EDUCATIONAL PHILOSOPHY. First semester. Two credit hours.

This course is designed to interpret educational problems from the standpoint of philosophy. The discussion deals with the aims and ideals that should be dominant in education, and the nature of the mind with which education has to deal. Not offered in 1926-27.

PROFESSOR KUHNES

1579. SCHOOL MANAGEMENT. Second semester. Two credit hours.

This is a study of the best practice in school management as found in the latest authorities on this subject. All students doing practice teaching in high school work are required to take this course.

PROFESSOR KUHNES

1580. METHODS IN HIGH SCHOOL ENGLISH. Second semester. Two credit hours.

This is a course for teachers and prospective teachers of English in junior and senior high schools. The emphasis will be on the problems and methods of composition, and on the appreciation and practical uses of literature. Contact with present theory and practice will be given by lectures and assigned readings.

PROFESSOR KUHNES

1582. PROGRESSIVE EDUCATION. Second semester. Two credit hours.

This is a course in the improvement of instruction with the emphasis on progressive education as opposed to the old formal idea of education.

MR. HAWK

1585. SECONDARY SCHOOL ADMINISTRATION. First semester. Two credit hours.

This course will cover the organization and administration of the high school as a distinct unit and its various relations to larger units of the school system in which it is located. Included will be such administration problems as high school organization, attendance, daily schedule, measuring results, class supervision, extra curricular activities and the teachings corps.

MR. FLOOD

1598. TESTS AND MEASUREMENTS FOR SECONDARY SCHOOLS. First semester. Two credit hours.

This course is designed to meet the needs of high school teachers. The following topics will be considered: need for standards in grading, simple statistical methods, history of mental and educational tests, standard criteria for making and judging tests, and a careful study of the latest and most practical tests devised for use in high schools.

PROFESSOR KUHNES

INDUSTRIAL AND VOCATIONAL EDUCATION

MR. JELLISON, MR. TURNER, MR. STAHL

1401. HISTORY OF VOCATIONAL EDUCATION. First semester. Two credit hours.

Teaching a vocation finds the recorded beginnings in agricultural and practical arts of the early period of Egyptian history. Its various manifestations will be traced through ancient, medieval, and modern history. Particular attention will be devoted to the developments in European countries that have paralleled the development in America.

1403-1404. WOODWORKING. First and second semesters. Three credit hours each semester. Nine hours per week in wood-working shop.

This is a course in bench work. The work is suited to seventh grade, eighth grade and high school. After preliminary problems are given, the work is made intensive.

1405-1406. METAL WORKING. First and second semesters. Three credit hours each semester. Nine hours per week.

This is a course of regular shop work in metal working with a view to giving a working knowledge of its fundamentals.

1407. METHODS IN SHOP SUBJECTS. First semester. Two credit hours.

The main trend of this course is in the direction of the development of general attitudes rather than the development of specific subject methods. The lectures treat theory and practice, what knowledge is worth while, culture, what is education, discipline and the ideal teacher.

MR. JELLISON

1408. METHODS IN SHOP SUBJECTS. Second semester. Two credit hours.

The purpose of this course will be to develop substantial shop practice (1) by observing shop room practice, (2) by testing methods, and (3) by pooling ideas. It is not intended to imply that such a course should tend to standardize practice. Assigned visits will include shops and industries as well as school shops.

MR. JELLISON

1409-1410. MECHANICAL DRAWING. First and second semesters. Two credit hours each semester.

(See Art Department).

1411-1412. PSYCHOLOGY OF SHOP SUBJECTS. First and second semesters. Two credit hours each semester.

Specific problems that may be factors affecting progress in learning will be assigned and discussed. The relation of the typical factors of chronological age, of mental age, and of physique to the requirements of the various shops suggests the type of problems.

MR. JELLISON

1413-1414. PRINTING. First and second semesters. Three hours each semester. Nine hours per week.

This is a course in printing given in the school print shop.

1415. ADMINISTRATION OF VOCATIONAL EDUCATION. First semester. Two credit hours.

This is a short course intended primarily for teachers and principals interested in the organization and supervision of shop subjects. It deals with types, objectives, co-ordinating possibilities, courses of study, time schedules, records, housing, industrial connections and staff.

MR. JELLISON

1417. ELECTRICAL SHOP. First semester. Four credit hours. Twelve hours per week.

This is a course in electrical shop work given in an electrical shop of the public schools.

1419. FIELD PROJECT. First semester. Four credit hours.

Each student in his senior year will work out a project suitable to his major subject in shop teaching.

KINDERGARTEN TRAINING

MRS. HOWES, MRS. BARNHARDT, MRS. KUHNES

1301. PRACTICE TEACHING. First semester. Repeated second semester. Four credit hours.

Students will teach in the Akron Kindergartens under normal conditions as they exist in the city.

1303. METHODS IN KINDERGARTEN TEACHING. First semester. Repeated second semester. Four credit hours.

This is a course in methods and planning which is given by the Kindergarten critic. The needs of students will be the basis of this course.

1305. PLAY MATERIALS IN THE EDUCATION OF YOUNG CHILDREN. First semester. Two credit hours.

This is a study of selection and use of play materials such as toys, gymnasium apparatus, building blocks, and Froebelian gifts. These materials are selected in relation to the developing child in the light of modern educational theory.

MRS. HOWES

1307. KINDERGARTEN HANDWORK. First semester. Two credit hours. (See Art Department).

1309. SONGS AND GAMES. First semester. Two credit hours.

A study of games will be made from the genetic standpoint, beginning with early childhood activities in which they originate, tracing their development from the informal game into the more highly organized and artistic traditional forms.

The course includes a study of the theories of play, the playing of games and practice in construction of games for children in Kindergarten and primary grades. MRS. HOWES

1311. KINDERGARTEN ART. First semester. Two credit hours.
(See Art Department).1313. HISTORY AND PHILOSOPHY OF KINDERGARTEN. First semester.
Two credit hours.

This is a story of the early history of the Kindergarten movement and the curricula of Froebel, Montessori and other experimenters in the Kindergarten field in relation to present day experiments in dealing with the problems of the Kindergarten-primary methods. MRS. HOWES

1315-1316. PIANO. First and second semesters. One credit hour each semester.

This course consists of private lessons in piano with instructor receiving approval of the Dean. An examination is given at the end of each semester.

1317-1318. KINDERGARTEN MUSIC. First and second semesters. One credit hour each semester.

This course is designed to perfect individual tone placement, to develop tonal quality, and to emphasize the necessity of skill in presenting songs in the Kindergarten and primary grades. MRS. KUHNES

METHODS AND TEACHING

DEAN BANKES, PROFESSOR HAYES, PROFESSOR KUHNES,
MISS HOOVER, MR. ERWINE, MRS. KUHNES, MR. CHENOT,
MR. WATERHOUSE, MISS CARSON, MR. JELLISON

1165. JUNIOR HIGH SCHOOL METHODS. First semester. Two credit hours.

This course is designed to give the fundamental principles of methods and teaching practices in junior high school work. MR. ERWINE

1203. OBSERVATION. First semester. Two credit hours. Two hours observation, one hour recitation.

In the junior year, all students preparing to teach in the elementary schools are required to take this course which gives observation in all elementary school activities. The purpose of this course is to orient the students and assist them in selecting the particular positions for which they wish to train. MISS HOOVER

1210. PRINCIPLES OF TEACHING. Second semester. Three credit hours.

This course is required of all prospective elementary teachers by the State Department of Education.

The course deals with the principles of educational practice which are sound from a psychological viewpoint, and have been successfully applied. Two hours of recitation and one hour of observation are required.

PROFESSOR HAYES

1211. EDUCATIONAL PROBLEMS. First semester. Repeated second semester. One credit hour.

This class is especially planned for students who are doing their practice teaching. The particular problems in discipline and methods of teaching will be discussed. General problems of the teacher will receive careful attention.

DEAN BANKES

1213-A. PRACTICE TEACHING. First semester. Repeated second semester. Four credit hours.

Students preparing to do Kindergarten-primary work will teach in Akron primary schools under conditions as they actually exist in the school room.

1213-B. PRACTICE TEACHING. First semester. Repeated second semester. Eight credit hours.

For those training to become elementary teachers.

1213-C. PRACTICE TEACHING. First semester. Repeated second semester. Eight credit hours.

For those training to become high school teachers.

1213-D. PRACTICE TEACHING. First semester. Repeated second semester. Eight credit hours.

For those training to become home economics teachers.

1213-E. PRACTICE TEACHING. First semester. Repeated second semester. Eight credit hours.

For those training to become shop teachers.

1213-G. PRACTICE TEACHING. First semester. Repeated second semester. Eight credit hours.

For those training to become art teachers.

1213-H. PRACTICE TEACHING. First semester. Repeated second semester. Eight credit hours.

For those training to become music teachers.

1213-I. PRACTICE TEACHING. First semester. Repeated second semester. Eight credit hours.

For those training to become commercial teachers.

1216. PRIMARY METHODS. First semester. Repeated second semester.
Four credit hours.

This is a course of methods in planning and teaching. This is given by the supervisor of practice teaching in conference with students. The needs of the student teacher will be the basis for this course.

- 1217-1218. PRIMARY METHODS. First and second semester. Three credit hours each semester.

A course in the general methods pertaining to the work of primary teachers with special attention to reading. Materials for construction work, methods and devices for use in the primary grades and the application of psychological principles for primary education.

MISS CARSON

1225. THE TEACHING OF ARITHMETIC. First semester. Two credit hours.

The course emphasizes the changes in modern texts, and aims to show the present day methods in teaching arithmetic, and to apply these methods in the solution of practical problems.

MISS HOOVER

1223. THE TEACHING OF GEOGRAPHY. Second semester. Two credit hours.

The problem and project method will be used throughout the course to develop subject matter. Special reports, observation trips, practical demonstration of methods, and library readings are requisites for credit work.

MISS HOOVER

1230. STORY TELLING FOR THE UPPER GRADES. First semester.
Three credit hours.

This course is designed to teach story telling as an aid to the appreciation of history, literature, science, art, music, etc., as taught in grades four to eight inclusive in the elementary school.

MISS HOOVER

- 1232-A. PUBLIC SCHOOL MUSIC. First semester. Two credit hours.

This course is devoted to the study and demonstration of materials and methods for Kindergarten and the first four years in music. Special attention is given to the presentation of the different tonal and rhythmic problems as they are taken up in the successive years.

MRS. KUHNES

- 1232-B. PUBLIC SCHOOL MUSIC. Second semester. Two credit hours.

This course is devoted to the teaching of music in the upper grades from the fifth to the eighth inclusive. The work of each year is taken up in detail and the problems which confront grade teachers are carefully considered.

MRS. KUHNES

1239. THE TEACHING OF LANGUAGE. First semester. Two credit hours.

The teaching of language emphasizes oral composition, vocabulary building, sentence structure, and the use of correct language forms. The course further aims to teach the essential elements in all language teaching. MISS HOOVER

1240. THE TEACHING OF HISTORY. Second semester. Two credit hours.

The purpose of this course is to emphasize types of teaching through the use of large units of subject matter rather than through following the chronological order of the text. MISS HOOVER

1241. SCHOOL MANAGEMENT. First semester. Repeated second semester. Three credit hours.

This course is designed for those who are preparing to teach in the elementary schools. The course is given in conjunction with the practice teaching. Required of all cadet teachers. PROFESSOR HAYES

1243. LITERATURE FOR THE UPPER GRADES. Second semester. Three credit hours.

The teaching of literature will be approached through the appreciation lesson. The aim of the course is to awaken an interest in grade literature and to show the possibilities for self expression through a knowledge of poetry, story, biography, and fiction. MISS HOOVER

1244. LITERATURE FOR THE PRIMARY GRADES. First semester. Three credit hours.

The aim of this course is to select poems, stories, books, etc. for children's reading, and to discuss methods of presenting the material. It has to do with kindergarten and primary literature as means of developing the appreciation of the children. MISS HOOVER

1246-A. METHODS. First semester. Repeated second semester. Three credit hours.

This is a course of methods in planning and teaching elementary subjects. Needs of students while practice teaching form the basis of instruction.

1246-B. METHODS. First semester. Repeated second semester. Four credit hours.

Same as 1246-A except that this is for high school teachers.

1246-C. METHODS. First semester. Repeated second semester. Four credit hours.

For those training to become home economics teachers.

1246-D. METHODS. First semester. Repeated second semester. Four credit hours.

For those training to become shop teachers.

1246-E. METHODS. First semester. Repeated second semester. Four credit hours.

For those training to become physical education teachers.

1246-F. METHODS. First semester. Repeated second semester. Four credit hours.

For those training to become art teachers.

1246-G. METHODS. First semester. Repeated second semester. Four credit hours.

For those training to become music teachers.

PHYSICAL EDUCATION

DIRECTOR SEFTON, MR. SMITH, MISS DUNCKLEY

1350-1351. FIRST AID AND MASSAGE. First and second semesters. One credit hour.

A study is made of the principles and the practice of methods of first aid and massage. Emphasis is laid on conditions arising from injuries in connection with physical education and athletics. MISS DUNCKLEY

1352. FOLK GAMES. First semester. Two credit hours. Four hours per week.

One hour lectures are given once each week on the characteristics and customs of various countries. Typical folk games and dances are given as practical work during the balance of the required time.

MISS DUNCKLEY

1353-1354. PHYSICAL EDUCATION PRACTICE. First and second semesters. One credit hour each semester. Three hours per week.

This course deals with instruction and practice in physical education for the first four grades in the elementary schools. MISS DUNCKLEY

1355-1356. PHYSICAL EDUCATION PRACTICE. First and second semesters. One credit hour each semester. Three hours per week.

This course deals with the instruction and practice in Physical Education for grades five to eight inclusive in the elementary schools.

MISS DUNCKLEY

- 1359-1360. **PRESCRIPTION OF EXERCISE.** First and second semesters.
Two credit hours each semester.

This is a study of the causes, diagnosis and detection of physical defects. Corrective exercises are prescribed. Methods for use in physical examinations are indicated. MR. SMITH

- 1361-1362. **PLAY AND GAMES.** First and second semesters. One credit hour each semester. Three hours per week.

This is theory and practice of games suitable for use in physical education work. The first semester is devoted to games of low and middle organizations.

The second semester is devoted to the practice of games of high organization and minor sports. Separate classes for men and women are organized. MISS DUNCKLEY

- 1363-1364. **HISTORY AND ORGANIZATION OF PHYSICAL EDUCATION.** First and second semesters. Two credit hours each semester.

Principles and methods of organization for general physical activities are stressed. During the first semester, ideals, standards and methods of directing play room and gymnasium activities in the platoon school organization are stressed.

The second semester is devoted to the direction of high school physical activities. MISS DUNCKLEY

1365. **PRINCIPLES OF BASKETBALL COACHING.** First semester. One credit hour.

Lectures on basketball theory and technique. DIRECTOR SEFTON

1366. **PRINCIPLES OF BASEBALL COACHING.** Second semester. One credit hour.

Lectures on baseball theory and technique. DIRECTOR SEFTON

1367. **ADMINISTRATION OF PHYSICAL EDUCATION.** First semester. Two credit hours.

A study is made of physical education and its administration in the light of present day educational philosophy. MR. SMITH

1368. **TEACHING OF PHYSICAL EDUCATION.** Second semester. Eight credit hours.

Practice teaching of physical education is done for a full semester under regular school conditions and with a competent supervisor in charge. Full time teaching required.

1369. **PRINCIPLES OF FOOTBALL COACHING.** First semester. One credit hour.

Lectures on football theory and technique. DIRECTOR SEFTON

1370. SPECIAL METHODS IN PHYSICAL EDUCATION. Second semester.
Four credit hours.

This consists of discussions of problems and observation as encountered in practice teaching. MR. SMITH

1372. PRINCIPLES OF TRACK AND FIELD ATHLETIC COACHING. Second semester. One credit hour.

Lectures on theory and technique of track and field athletics.
DIRECTOR SEFTON

- 1381-1382. PHYSICAL EDUCATION PRACTICE. First and second semesters. One credit hour each semester. Three hours per week.

This course is designed to give men practice in special activities such as boxing, wrestling and tumbling. The outline of practice for women includes rhythmic work. MR. SMITH, MISS DUNCKLEY

1383. SWIMMING. First semester. One credit hour. Three hours per week.

This consists of instruction and practice in swimming, diving and life saving. MR. SMITH, MISS DUNCKLEY

1384. APPLIED ANATOMY. Second semester. Three credit hours.

A careful study is made of the science of bodily movement in its relation to the problem of physical development. MR. SMITH

1385. PHYSIOLOGY OF EXERCISE. First semester. Two credit hours.

A study is made of the effects of exercise on the human body. MR. SMITH

PSYCHOLOGY AND EDUCATION

DEAN BANKES, PROFESSOR HAYES, PROFESSOR KUHNES, MR. ERWINE,
MR. WATERHOUSE, MISS HOOVER, MISS DUNCKLEY,
MR. HUGH SMITH, MR. BRYANT, MR. BOWMAN
MR. DILLEHAY, MR. CHENOT, MR. SMITH,
MR. JELLISON, MISS MAUS,
MR. BERNS

89. STORY TELLING. First semester. Two credit hours.

This course is designed to teach the development of the story telling art, to choose the kind of stories suitable to the various interests of children, and to give training in telling, adapting, and dramatizing stories. It also includes library reading and reports. MISS HOOVER

90. **STORY TELLING.** Second semester. Two credit hours.

This course is a continuation of Story Telling 891. Its aim is to emphasize the analysis and criticism of the story, standards of judging the quality of the selection, a comparative study of some of the world's great stories, characterization, reports, story telling and constructive criticism of stories told.

MISS HOOVER

1102. **GENERAL PSYCHOLOGY.** Second semester. Four credit hours.

This course is designed to make psychology function in the life of all students in and after college. A comprehensive view of the facts, principles, and theories of human psychology are taken up, but with the emphasis upon how to use them.

PROFESSOR KUHNES, MR. CHENOT

1103. **EDUCATIONAL PSYCHOLOGY.** First semester. Two credit hours.

This course is designed to make application of the general psychological principles operating in individual behavior, as applied to the teaching profession. Prerequisite, 1102.

PROFESSOR HAYES, PROFESSOR KUHNES

1104. **EDUCATIONAL PSYCHOLOGY.** Second semester. Two credit hours.

This course deals with the psychological processes of learning with special attention to individual differences in capacity for reaction and adjustment. Special attention is given to processes of motor activity, association and memorizing. Prerequisite, 1102.

PROFESSOR KUHNES

1105. **CHILD PSYCHOLOGY.** First semester. Two credit hours.

This course deals with the child as the product of instincts and emotions, the epochs of ontogenetic development, the origin and significance of play and other social activities.

The aim of the course is to give a psychological basis for the intelligent management of the pre-adolescent child.

PROFESSOR HAYES

1108-A. **PSYCHOLOGY OF THE EXCEPTIONAL CHILD.** First semester. Two credit hours.

This course deals with the management and education of the child who deviates from the normal. Attention is given, through reports and discussions, to the problems of precocity, backwardness, feeble-mindedness, neural instability and peculiar mental defects.

PROFESSOR HAYES

1108-B. **PSYCHOLOGY OF THE EXCEPTIONAL CHILD.** Second semester. Two credit hours.

This course deals with methods of determining the mental status of the deviating child. Various types of mental measurements will be studied, demonstrations of the use and administration of tests will be given. Attention will be given to the use of tests as a basis for grading and classification of children.

PROFESSOR HAYES

1112. **PSYCHOLOGY OF LEARNING.** Second semester. Two credit hours.

In this course, a study of the learning process will be made. Laboratory and class experiments dealing with memorizing and forgetting as applied to various types of material will be made. Special attention will be given to types of memory and learning aptitudes. Open to advanced students.

PROFESSOR KUHNES

1116. **ADMINISTRATION OF VOCATIONAL EDUCATION.** Second semester. Two credit hours.

This is a short course intended primarily for teachers and principals interested in the organization and supervision of shop subjects. It deals with types, objectives, co-ordinating possibilities, courses of study, time schedules, records, housing, industrial connections and staff.

MR. JELLISON

1123. **HOW TO STUDY.** First semester. One credit hour.

This course, which all freshmen are required to take, is intended to lead the students to an understanding of psychological procedure in college work.

PROFESSOR HAYES

1124. **INTRODUCTION TO TEACHING.** First semester. Two credit hours.

The purpose of this course is to introduce students to the problems of teaching so that when practice teaching is done many problems may be understood.

DEAN BANKES

1125. **PROFESSIONAL ETHICS.** Second semester. One credit hour.

This course is a discussion of the ethics of the teaching profession dealing with the relationship of teachers, principles, supervisors, and superintendents, and the teacher's attitude toward pupils and parents.

DEAN BANKES

1130. **GENERAL HISTORY OF EDUCATION.** First and second semesters. Three credit hours each semester.

The purpose of this course is to furnish a background for the interpretation of our present day educational problems by tracing the development of education from the ancient to the modern times.

Library readings, reports and discussions, problem solving, and personal investigations are special features of the course.

1131. **HISTORY OF EDUCATION IN THE UNITED STATES.** First and second semesters. Three credit hours each semester.

This course is a study of the European background of American education, and the history of the development of the public school system as it is today.

1133. AN INTRODUCTION TO EDUCATION. First semester. Two credit hours.

This course is designed to introduce the teacher to the problems of education. It is a survey course in the field of education. MR. HATTON

1134. TESTS AND MEASUREMENTS FOR ELEMENTARY SCHOOLS. First semester. Repeated second semester. Two credit hours.

In this course a brief study is made of school marks as compared with the marks given as a result of standard tests.

The elements of statistical measurements are taken up. Administration and marking various types of educational tests, and the possible use of such marks will receive attention. PROFESSOR HAYES

1137. OBJECTS IN ELEMENTARY EDUCATION. Second semester. Two credit hours.

The policy of this course is to evaluate essentials and non-essentials in aims, motives, methods, and results of teaching in the elementary schools.

Reports and discussions, library readings, and reports from practical experience, in addition to the text are required in the course.

MISS HOOVER

1166. THE JUNIOR HIGH SCHOOL. Second semester. Two credit hours.

A careful study of the curriculum and organization of the junior high school. MR. ERWINE

1167. JUNIOR HIGH SCHOOL MATHEMATICS. Second semester. Two credit hours.

A study of the content and methods of presenting mathematics in the junior high school. MR. BOWMAN

1170. NATURE STUDY. First semester. Two credit hours.

The object of the course is to present materials and methods for the teaching of nature study in the elementary grades. Lower grade science teachers in platoon schools will find this course especially helpful.

MR. BERNS

1172. PERSONAL HYGIENE. First semester. Repeated second semester. Two credit hours.

The aim of this course is to give a scientific background for the various health activities of the school and the community. The important problem of the care of the body from both the individual and social viewpoint is carefully investigated. MR. HARRY SMITH

1174. SCHOOL LAW. Second semester. Two credit hours.

A discussion of requirements of the Ohio School law regarding training, certification and contracts of teachers. Attention will be given to laws relating to finance, administration and supervision of schools. The relation of teachers to the community and their legal responsibilities and prerogatives in school work will be studied. PROFESSOR HAYES

1176-A. THE AUDITORIUM. First semester. Two credit hours.

This course is for teachers of the first four grades. A study is made of the different activities as found in the auditoriums of platoon schools. Comparative values of auditorium practice will feature this course.

MR. DILLEHAY

1176-B. THE AUDITORIUM. Second semester. Two credit hours.

The same plan of work is used as in 1176-A except that grades five to eight receive special attention.

MR. DILLEHAY

1182. EDUCATIONAL GUIDANCE. First semester. Two credit hours.

This course deals with the study of conditions that have brought about the present day need for educational guidance. Studies of present and proposed practices in organizing and administering educational guidance systems in seventh and eighth grades and in high schools, with application to the needs of Akron, will receive special attention. MR. WATERHOUSE

1219. JUNIOR HIGH SCHOOL SCIENCE. First semester. Two credit hours.

A study of the content and methods of presenting science in the junior high school.

MR. HUGH SMITH

COURSES FOR TEACHERS IN SERVICE

The Teachers College will offer evening and Saturday courses during the year 1926-27. These courses of college grade will receive full credit. The restrictions of the State Department of Education as to the number of hours of extension work which may be included in a two year, three year, or four year course, *do not* apply to these courses.

EVENING SESSION

H. E. SIMMONS, *Director*

The University holds a regular Evening Session repeating many of the subjects of the day session. Opportunity is offered to teachers and others employed during the day to secure college work for which credit is given on the same basis as for the subjects of the day session. Those who may desire to begin a regular college course can secure most of the first two years of work in the Evening Session.

ADMISSION

The Evening Session is open to:

All persons who have completed the course of a first-grade high school, and

All other persons over twenty-one years of age, subject to the approval of the instructor in charge as to ability and preparation.

Candidates for a degree must complete the regular college entrance requirements.

REGISTRATION

Registration will take place on the following days:

For the first semester: Saturday, September 11, 1926, 2 to 5 and 7 to 9 p. m. Class work for the first semester will begin Wednesday, September 15, 1926, and will close January 29, 1927. No registrations for entry to any class will be allowed after the second session of the class.

For the second semester: Saturday, January 29, 1927, 2 to 5 and 7 to 9 p. m. Class work for the second semester will begin Monday, January 31, 1927, and will close June 10, 1927. No registrations for entry to any class will be allowed after the second session of the class.

SUMMER REGISTRATION

Registration for the Evening Session will begin on July 15, and will be continuous for residents and non-residents throughout the summer from 9 a. m. to 4 p. m., daily, in Room 33, Buchtel Hall.

CREDIT

College credit will be given on the basis of one credit hour for the successful completion of a one-hour per week course for one semester. For all courses marked with an asterisk credit will be given in Teachers College.

EXTENSION COURSES

The University of Akron will give regular extension courses to students at centers other than University buildings, under condition that the class to be formed consist of not less than twenty students paying the regular fee based upon a charge of \$10.00 for a course held two hours per week during one semester. The place for recitation and class room equipment must, in such cases, be furnished by the petitioning group. Only courses of college rank will be given and only those courses will be given for which the University can furnish a competent instructor of University rank. University credit will be given for the successful completion of such courses.

COURSES FOR 1926-27

ART

MRS. BARNHARDT

*1251. ELEMENTS OF ART. First semester. Two credit hours.

The elementary principles of design, color, lettering, composition, perspective and historic ornament are studied. Prerequisite for work in all advanced courses. Wednesday 7:30-9:30. Laboratory, Monday 7:30-9:30.

MRS. BARNHARDT

*1252. DESIGN. First semester. Two credit hours.

This is a course in advanced design, including the adaptation of motifs to definite spaces, and the consideration of the limitations of various mediums. Prerequisite for 1255. Thursday 7:30-9:30. Laboratory, Monday, 7:30-9:30.

MRS. BARNHARDT

*1255. HOME AND SCHOOL CRAFTS. Second semester. Two credit hours.

A course in applied design, including stenciling, book printing, tooled cut and dyed leather, parchment shades, enamel gesso, applique, embroidery, and simple problems in batik. Prerequisite 1256. Wednesday 7:30-9:30. Laboratory, Monday, 7:30-9:30.

MRS. BARNHARDT

*1256. ADVANCED HOME AND SCHOOL CRAFTS. First semester. Two credit hours.

A course in applied design following 1255 and including color cement, weaving, hooked rugs, batik wall hangings, modeling, basketry, book binding, toy making, and wood carving. Friday 7:30-9:30. Laboratory, Monday, 7:30-9:30.

MRS. BARNHARDT

*1257. STILL LIFE. Second semester. Two credit hours.

A course in free-hand drawing from common objects and material forms using different mediums. A thorough training in the science of perspective. Prerequisite, 1254. Thursday 7:30-9:30. Laboratory, Monday 7:30-9:30.

MRS. BARNHARDT

*1264. **COMMERCIAL ART.** Second semester. Two credit hours.

This course includes illustration, design, and composition. The technique of the pencil, pen, charcoal, crayon, pen and ink, brush and ink; water color is studied both from an artistic standpoint and in relation to the various reproducing processes. Prerequisite, 1263. Friday, 7:30-9:30. Laboratory, Monday 7:30-9:30. **MRS. BARNHARDT**

BIOLOGY

ASSISTANT PROFESSOR KRAATZ, MR. FOX

***ECONOMIC ZOOLOGY.** First and second semesters. Two credit hours each semester.

This course consists of an elementary survey of the animal kingdom, with emphasis upon the economic phases of the subject, or relations to man. Topics such as the following are included: aquatic animal resources, such as sponges, corals, pearls, shellfish and fishing industries; fur industry; useful aspects of insects, birds, etc.; and foods and other useful products obtained from various animal groups.

The course does not duplicate other Evening Courses, or the zoological part of General Biology. Wednesday 7:30-9:30.

ASSISTANT PROFESSOR KRAATZ

***ELEMENTARY MICROBIOLOGY.** First semester. Two credit hours.

This course is made up of non-technical lectures and simple laboratory exercises, dealing with various sorts of microscopic living things. Structures, activities, and life relationships are studied in a fundamental way. Among the objects examined are bacteria, yeasts, molds, plant and animal cells, and some of the common microscopic inhabitants of ponds and streams.

The course is not intended for biology major students, but it is designed rather to meet the needs of teachers of elementary science and of others who may be interested in the study of microscopic life forms. Laboratory fee, \$1.00. Tuesday and Thursday 7:30-9:30.

MR. FOX

CHEMISTRY

ASSISTANT PROFESSOR SCHMIDT

CHEMISTRY OF TODAY. First and second semesters. No credit.

A series of popular lectures on the application of chemistry to modern conditions. Lecture demonstrations and pictures will be used in making concrete illustrations of the processes discussed. A few of the subjects to be given are: The Chemistry of the Ancients, Birth of Chemistry, Status of Chemistry To-day, Our Modern Abrasives, Glass, Cement, Acids, Storage, Water, Cleaning, Light-Photo-Chemistry, Fabrics, Dyes, Explosives and Agriculture. Monday 7:30-8:30.

ASSISTANT PROFESSOR SCHMIDT

COMMERCE AND ADMINISTRATION

PROFESSOR McDERMOTT, MR. MARSH, MR. PORTER, MR. MARTING,
MR. WHITNEY, MR. COOK

The University offers four-year courses in General Business and Professional Accounting, a two-year course in the essentials of C. P. A. Accounting, and special courses in the fields of merchandising and real estate. Although individual courses may be taken almost at will in evening classes, and although the courses are arranged to be as flexible in that respect as possible, it is desirable to follow some definite plan. This is especially true when the student later may be a candidate for a degree.

GENERAL BUSINESS COURSE

FIRST YEAR			
First Semester	Hrs. Per Week	Second Semester	Hrs. Per Week
Accounting I.	2	Accounting II.	2
Economics	3	Economics	3
SECOND YEAR			
Business Law I.	2	Business Law II.	2
Geography of Commerce	2	Business Administration	2
English	2	English	2
THIRD YEAR			
Business Finance	2	Analysis of Investments	2
Business Statistics	2	General Marketing	2
Analysis of Business Statements..	2	Banking and Credit	2
FOURTH YEAR			
Business and Industrial Problems	2	English	2
Real Estate	2	Electives	4
Electives	2		

PROFESSIONAL ACCOUNTING COURSE

FIRST YEAR			
First Semester	Hrs. Per Week	Second Semester	Hrs. Per Week
Accounting I.	2	Accounting II.	2
Economics	3	Economics	3
SECOND YEAR			
Accounting III.	2	Accounting IV.	2
Business Law I.	2	Business Law II.	2
Business Finance	2	Business Administration	2
THIRD YEAR			
Accounting V.	2	Accounting VI.	2
Analysis of Business Statements..	2	Banking and Credit	2
Accounting Systems	2	English	2
FOURTH YEAR			
Cost Accounting I.	2	Cost Accounting II.	2
Auditing	2	Income Tax	2
Business and Industrial Problems	2	C. P. A. Review	2

A SHORT COURSE IN C. P. A. REQUIREMENTS

(One year of accounting is presupposed)

FIRST YEAR			
First Semester	Hrs. Per Week	Second Semester	Hrs. Per Week
Accounting III.	2	Accounting IV.	2
Business Law I.	2	Business Law II.	2
Accounting Systems	2	Income Tax	2
SECOND YEAR			
Accounting V.	2	Accounting VI.	2
Cost Accounting I.	2	Cost Accounting II.	2
Auditing	2	C. P. A. Review	2

ACCOUNTING I AND II. First and second semesters. Two credit hours each semester.

Continuous for one year. First semester covers the fundamentals of double entry bookkeeping. The laboratory work consists of problems and practice bookkeeping sets for mercantile concerns, including preparation of financial statements.

The second semester treats specially of corporation accounting, the practice work being that of a manufacturing corporation. This course is intended as a prerequisite to all other accounting courses and to furnish the fundamentals of accounting for the business man. The class in Accounting I will be limited to forty students. As the number of registrants is usually considerably in excess of that number, students desiring to enter this course should make early application by letter to the Director of the Evening Session. Monday 7:30-9:30. **MR. PORTER**

NOTE

The following series of courses, Accounting III, IV, V, VI, are advanced problem courses covering the whole field of General Accounting. They may be taken in any order but the student will find it more satisfactory to take them in order of number. Completion of Accounting I and II is a prerequisite to these courses.

ACCOUNTING III AND IV., ACCOUNTING PROBLEMS. First and second semesters. Two credit hours each semester.

These courses cover, by means of problems, such topics as partnerships, corporate investments and obligations, stocks and bonds, depreciation, profits, surplus, and dividends. Wednesday 7:30-9:30. **MR. MARSH**

ACCOUNTING V AND VI., ACCOUNTING PROBLEMS. First and second semesters. Two credit hours each semester.

These courses cover, by means of problems, such topics as funds and reserves, statements, and statement analysis, mergers and consolidations, consolidated statements, estate accounting, liquidation, bankruptcy and receivership. Not given in 1926-27.

COST ACCOUNTING I AND II. First and second semesters. Two credit hours each semester.

Continuous for two semesters. A treatment of the methods of accounting for material, labor, and burden in the modern manufacturing establishment. Special attention is given to the statements, schedules, and reports which are to be derived from cost accounting records. The method of presentation is that of lecture, discussion, problems, and practice cost sets. Tuesday 7:30-9:30. MR. PORTER

ACCOUNTING SYSTEMS. First semester. Two credit hours.

A study of the underlying theory of system-building and presentation of practical systems for various kinds of business. The types of business studied will be varied so that the student may repeat the course to advantage. Not given in 1926-27.

ANALYSIS OF BUSINESS STATEMENTS. Second semester. Two credit hours.

A detailed analysis of the balance sheet and statement of profit and loss and their interpretation from the point of view of the investor, the credit man, and the manager. The relations between the various items or groups of items in the statements as expressed by financial and operating ratios become the means of comparison of various types of business, the measure of progress in any one business and the basis of credit and investment analysis. One year in accounting or business experience approved by the instructor is prerequisite to this course. Not given in 1926-27.

AUDITING. First semester. Two credit hours.

Problems and illustrative cases. The student prepares audit programs, working papers, and complete audit reports. Not given in 1926-27.

INCOME TAX. Second semester. Two credit hours.

A study of the law and accounting procedure under the Federal Income Tax Law. Not given in 1926-27.

BUSINESS LAW I AND II. First and second semesters. Two credit hours each semester.

Among the topics treated are contracts, sales, negotiable instruments, agency, partnerships, and corporations. The viewpoint, of course, is that of the business man. Friday 7:30-9:30. MR. PORTER

C.P.A. REVIEW. Second semester. Two credit hours.

This is an intensive review of subjects, both law and accounting, required in examinations set by state boards for licensing Certified Public Accountants and by the American Institute of Accountants for admission as Associate. As preparation for this review the student should have at least eighteen credit hours in accounting and four hours in business law or equivalents. Not given in 1926-27.

BUSINESS ADMINISTRATION. Second semester. Two credit hours.

A survey course introducing the student to the fundamental business processes—raising capital, purchasing materials, procuring and handling workers, manufacturing, and marketing the product. Monday 7:30-9:30. MR. MARSH

BUSINESS PROBLEMS. First semester. Two credit hours.

This course is intended for advanced students in the fields of Economics and Business Administration. It is concerned with the wide variety of problems an executive customarily meets in financing, producing, and selling; and since the case method of study is used exclusively the problems presented for solution come to the student in quite the same form in which they come across the desk of the executive. The aim of the course is to bring out the importance, in the forming of executive judgments, of generally accepted economic principles. Thursday 7:30-9:30.

MR. MARSH

BUSINESS FINANCE. First semester. Two credit hours.

The financial aspects of business, including the raising of capital, types of securities, purchasing, reorganizations, and liquidations are considered in this course. Monday 7:30-9:30. PROFESSOR McDERMOTT

BANKING AND CREDIT. First semester. Two credit hours.

This is a survey of banking and credit functions and their place in industry. An analysis of the present system of banking is made. Credit statements and various forms of commercial papers are studied in their relations to banking and business. Not given in 1926-27.

ECONOMICS. First and second semesters. Three credit hours each semester.

See description under "Economics."

ENGLISH ELECTIVES.

See descriptions under "English."

GENERAL MARKETING. Second semester. Two credit hours.

A survey course which considers the nature of the customers' demand, the function of middlemen; the sale of consumers and industrial goods, the function of selling, advertising and correspondence in the distribution of goods. Wednesday 7:30-9:30. PROFESSOR McDERMOTT

INVESTMENTS. Second semester. Two credit hours.

Investment securities are analyzed in all aspects—security of investment and income, rate of return, stability, convertibility, and marketability. Not given in 1926-27.

SALESMANSHIP. First semester. Two credit hours.

This course discusses the role of salesmen in modern business; relation of salesmanship and advertising; analyzing the goods, the market and the customers for advertising and selling campaigns; construction of oral and written selling talks; conduct of selling campaigns; sales equipment, sales records and tests of efficiency; essential qualifications of a salesman in various types of manufacturing and wholesale and retail institutions; choosing, training, organizing and supervising salesmen; ethics of salesmanship. Tuesday 7:30-9:30. **MR. WHITNEY**

ADVERTISING. Second semester. Two credit hours.

This course discusses the general functions and methods of advertising in their relations to selling and production. Tuesday 7:30-9:30.

MR. COOK**GEOGRAPHY OF COMMERCE.** First semester. Two credit hours.

This is a survey of the more important agricultural, mineral, forest, factory, and sea products in their relations to the industries of various countries. Wednesday 7:30-9:30.

CREDITS AND COLLECTIONS.

This course deals with the problems confronting the credit man and the credit department. It treats especially of the organization of the credit department, the basis of credit granting, handling of collections, installment credits, and legal remedies of the creditor. Not given in 1926-27.

INSURANCE.

This course deals with insurance principles and practice. Among the types of insurance studied are life, fire, marine, liability, and compensation, and various forms of casualty insurance such as automobile, title, credit insurance and corporate bonding. Not given in 1926-27.

FUNDAMENTALS OF REAL ESTATE. First semester. No credit.

Scope of the Real Estate Business, Fundamentals of Real Estate Law, Title Examinations, Real Estate Appraising and Insurance.

Tuesday 7:30-9:30.

MR. MARTING**FUNDAMENTALS OF REAL ESTATE.** Second semester. No credit.

Financing Real Estate, Brokerage, Subdivisions and Building Operations, Principles and Practice of Real Estate Salesmanship, Taxation of Real Estate and City Zoning. Tuesday 7:30-9:30. **MR. MARTING**

REAL ESTATE FINANCING. First semester. No credit.

A study of land tenures and forms of ownership; sources of finance and forms of real estate credit, with an examination of typical financing operations. Monday 7:30-9:30. **MR. MARTING**

REAL ESTATE APPRAISING. Second semester. No credit.

A study of the bases for determining value of real estate and of the various methods applicable to different classes of real estate, with practical problems in applying the various methods. Topics in this course include income analysis, highest and best use; district mutations; over-improvement; under improvement; corner lot values. Monday 7:30-9:30.

MR. MARTING

ECONOMICS

PROFESSOR DAVIS

*451-452. **PRINCIPLES OF ECONOMICS.** First and second semesters. Three credit hours each semester.

This course deals with the basic principles and concepts in economics; the production, consumption and distribution of wealth; business organization; capitalistic combination; problems of labor; prices, wages, interest, rent and profits; money, credit and banking, international trade, foreign exchange, economic crises, transportation, agricultural problems, risks and insurance, taxation and public expenditures. This course or its equivalent is required for entrance for credit in other advanced courses. Qualified adults may elect this course with or without credit. Monday 6:30-7:30, Wednesday 7:30-9:30.

PROFESSOR DAVIS

EDUCATION

(See Psychology and Education)

ELECTRICAL ENGINEERING

PROFESSOR WALTHER

INDUSTRIAL ELECTRICITY. First and second semesters. Two credit hours each semester.

An elementary course covering the application of the principles of electricity to modern industry. The elementary theory of direct current and alternating current circuits and machines will be studied. The course will be supplemented to some extent by laboratory work. A knowledge of algebra is required. Tuesday 7:30 to 9:30.

PROFESSOR WALTHER

ENGLISH

DEAN SPANTON, PROFESSOR PEASE, MISS FREEDLANDER

*51-52. **RHETORIC.** First and second semesters. Three credit hours each semester.

This course is designed for elementary instruction in English composition. Students are given practice in expressing their own ideas. Attention is devoted particularly to sentence and paragraph structure, and to the writing of short expository compositions.

In the second semester attention is given to description, characterization, and narration. The students write compositions that build up to a final long narrative work. Wednesday 6:30-7:30, Friday 7:30-9:30.

MISS FREEDLANDER

*65-66. HISTORY OF ENGLISH LITERATURE. First and second semesters. Three credit hours each semester.

The course presents an introductory survey of the great English authors, the chief types of prose and poetry, and the historical backgrounds and tendencies of literary periods. Prerequisite, 51-52. Wednesday 6:30-7:30, Friday 7:30-9:30. PROFESSOR PEASE

SHAKSPERE. First semester. No credit.

A series of lectures and interpretive readings with the object of showing the development of Shakspeare as a dramatist, the growth of his mind and his art. Wednesday 7:30-8:30. DEAN SPANTON

TENNYSON AND BROWNING. Second semester. No credit.

Lectures with interpretive readings, on the most significant work of these two master poets of the Victorian Age. Wednesday 7:30-8:30. DEAN SPANTON

HISTORY

ASSISTANT PROFESSOR GARDNER

*HISTORY OF MODERN EUROPE. First and second semesters. Three credit hours each semester.

The first semester is devoted to the period 1815-1870, tracing the development of nationalism, imperial problems and the development of social and economic tendencies.

In the second semester the newer political, social and economic affairs will receive special attention with emphasis upon contemporary problems. This course must be taken the entire year to receive credit. Monday 6:30-7:30, Wednesday 7:30-9:30.

ASSISTANT PROFESSOR GARDNER

HOME ECONOMICS

PROFESSOR STIMMEL

HOMEMAKERS SHORT COURSE. First semester. No credit.

This course is a series of lectures upon different subjects of interest to homemakers and young women who have had no previous Home Economics training, and who expect to become homemakers. There are no prerequisites and the lectures are open to any woman over eighteen years of age. A fee of \$2.50 is charged for the course.

The following are some studies offered: Home Management, Budgeting, Child Training, Adequate Food Requirement of Child, Adequate Food Requirement for Adult, Interior Decoration, The Art of Living Together, Principles of Cookery, Meal Planning and Table Service, Marketing and Food Preservations. Monday 7:30-8:30.

PROFESSOR STIMMEL

MATHEMATICS

PROFESSOR JONES, MISS LIPSCOMBE

***302. ALGEBRA.** First semester. Four credit hours.

The following topics are taken up: a review of elementary algebra, surds, linear and non-linear equations, proportion and variation, progressions, mathematical induction and binomial theorem, permutations and combinations. Monday, Tuesday, Thursday, Friday 6:30-7:30.

PROFESSOR JONES

***301. TRIGONOMETRY.** Second semester. Four credit hours.

The following topics are studied: angles and their measurements; the trigonometric functions; fundamental identities; reduction theorems; addition and multiplication theorems; trigonometric equations; the inverse trigonometric functions; the right and oblique triangles; logarithms. Monday, Tuesday, Thursday, Friday 6:30-7:30.

MISS LIPSCOMBE

***ANALYTICS AND CALCULUS.** First semester. Four credit hours.

This course will include such fundamentals of analytics as the locus problem, the straight line, and a brief treatment of the conics, differentiation of the algebraic, logarithmic, exponential, and trigonometric functions. To be given in alternate years beginning September, 1926. Tuesday and Thursday 7:30-9:30.

PROFESSOR JONES

***CALCULUS.** Second semester. Four credit hours.

The work of this semester will include applications of the differential calculus to analytic geometry and analytic mechanics; integration by general and special methods; the application of the integral calculus to the simple problems of analytics such as lengths of arcs, areas and volumes; and of analytic mechanics such as center of gravity and moments of inertia. To be given in alternate years beginning February, 1927. Tuesday and Thursday 7:30-9:30.

MISS LIPSCOMBE

MECHANICAL DRAWING

MR. SAHAG

***MECHANICAL DRAWING.** First and second semesters. One credit hour each semester.

Both beginning and advanced mechanical drawing will be taught in this course. The work will be arranged to suit the individual needs of the student. After completing the first semester's work the student will be allowed to choose a particular field in which he is interested and instruction will be given in machine, structural and architectural drafting. Thursday 7:30-9:30.

MR. SAHAG.

METALLURGY

ASSISTANT PROFESSOR SCHAEFER

METALLURGY OF IRON AND STEEL. First semester. Two credit hours. This course is designed for men in the various trades who desire a knowledge of metallurgy. The manufacture and production of pig iron wrought iron, bessemer and open hearth steel, crucible and electrical tool steels will be studied. Also the different types of furnaces; methods of rolling steel and purposes for which different grades of steel are used. Thursday 7:30-9:30.

ASSISTANT PROFESSOR SCHAEFER

PRACTICAL HEAT TREATING. Second semester. Two credit hours.

This course is a continuation of the course in Metallurgy. A study of the methods of forging and heat treating various kinds of steel. The course will consider the fuels, furnaces, and materials used in heat treating steel. Lectures and laboratory work in heat treating, pyrometry, microscopic examination and physical testing of steel. Thursday 7:30-9:30.

ASSISTANT PROFESSOR SCHAEFER

METHODS AND TEACHING

PROFESSOR KUHNES, MISS HOOVER, MR. ERWINE, MR. CHENOT,
MISS DACKERMAN, MR. JELLISON

*1232-A **PUBLIC SCHOOL MUSIC.** First semester. Two credit hours.

This course is devoted to the study and demonstration of materials and methods for kindergarten and the first four years in music. Special attention is given to the presentation of the different tonal and rhythmic problems as they are taken up in the successive years. Prerequisite, Elementary Theory 1231, or the ability to sing at sight material suitable for the third grade. Wednesday 7:30-9:30.

MISS DACKERMAN

*1232-B. **PUBLIC SCHOOL MUSIC.** Second semester. Two credit hours.

This course is devoted to the teaching of music in the upper grades, from the fifth to the eighth inclusive. The work of each year is taken up in detail, and the problems which confront the grade teacher are carefully considered. Prerequisite, Elementary Theory 1231. Wednesday 7:30-9:30.

MISS DACKERMAN

*1240. **THE TEACHING OF HISTORY.** First semester. Two credit hours.

The purpose of this course is to emphasize types of teaching through the use of large units of subject matter rather than through following the chronological order of the text. Monday 7:30-9:30. MR. CHENOT

- *1243. LITERATURE FOR THE UPPER GRADES. Second semester. Two credit hours.

The teaching of literature will be approached through the appreciation lesson. The aim of the course is to awaken an interest in grade literature and to show the possibilities for self-expression through a knowledge of poetry, story, biography, and fiction. Monday 7:30-9:30.

MISS HOOVER

- *1244. LITERATURE FOR THE PRIMARY GRADES. First semester. Two credit hours.

The aim of this course is to select poems, stories, books, etc. for children's reading, and to discuss methods of presenting the material. It has to do with kindergarten and primary literature as a means of developing the appreciation of the children. Monday 7:30-9:30.

MISS HOOVER

- *1407-1408. METHODS IN SHOP SUBJECTS. First and second semesters. Two credit hours.

The main trend of this course is in the direction of the development of general attitudes rather than the development of specific subject methods. The lectures treat theory and practice, what knowledge is worth while, culture, what is education, discipline and the ideal teacher.

Thursday 7:30-9:30.

MR. JELLISON

- *1165. JUNIOR HIGH SCHOOL METHODS. First semester. Two credit hours.

This course is designed to give the fundamental principles of methods and teaching practices in junior high school work. Tuesday 7:30-9:30.

MR. ERWINE

MODERN LANGUAGES

PROFESSOR BULGER, ASSISTANT PROFESSOR REED, MISS ROGERS

ENTRANCE

Candidates for entrance presenting but one year of modern language may take the second year on trial if they made a grade of 85%. If their grade was lower than 85%, they must take the first year's work, and they will receive only half credit for the work. Students presenting two years of a foreign language for entrance will enter the second year.

FRENCH

- *I-II. BEGINNING FRENCH. First and second semesters. Four credit hours each semester.

This course includes a thorough study of grammar, with special emphasis upon dictation and oral work. In the second semester, work in grammar is continued, with reading of two hundred or more pages of French. Tuesday and Thursday 7:30-9:30.

- *III-IV. SECOND YEAR FRENCH.** First and second semesters. Three credit hours each semester.

This course reviews grammar, stresses idioms and irregular verbs. Reading of stories and plays with résumés of each written in French. Tuesday 7:30-9:30. Thursday 6:30-7:30.

LECTURES ON FRENCH LITERATURE. No credit.

A series of sixteen lectures on phases of French literature will be offered. No knowledge of French is required. The lectures will be in English and the outside reading in English translation. Wednesday 7:30-8:30.

SPANISH

- *I-II. BEGINNING SPANISH.** First and second semesters. Four credit hours each semester.

This course is designed to give intensive training in composition, dictation, conversation, and the reading of simple prose. Tuesday and Thursday 7:30-9:30.

GERMAN

- *I-II. BEGINNING GERMAN.** First and second semesters. Four credit hours each semester.

Elementary grammar. Reading of easy prose and verse. Practice in speaking and writing German. Monday 6:30-8:30, Friday 6:30-8:30.

PHYSICS

PROFESSOR HOUSEHOLDER

- *III. LIGHT.** First semester. Four credit hours.

An introductory course in light and radiation completing the general courses I and II.† The chief emphasis will be on the laws of geometrical optics and their applications in photometry and illumination and in optical instruments. A brief introduction to physical optics will be given near the close of the course. Text: Stewart's College Physics and supplementary references on photometry and illumination. Tuesday and Thursday 6:30, Laboratory Tuesday and Thursday 7:30-9:30.

PROFESSOR HOUSEHOLDER

- *IV. THE ELECTRON THEORY AND ITS APPLICATIONS.** Second semester. Two credit hours.

The work includes a review of the experimental evidence that has led to the establishment of the electron theory of electricity and its use in the explanation of phenomena in everyday life. Prerequisite, 331 and 332 in day school or I, II, III, in Evening Session. Tuesday 7:30-9:30.

PROFESSOR HOUSEHOLDER

†—Courses I and II offered alternate years.

POLITICAL SCIENCE

PROFESSOR CRECRAFT, ASSISTANT PROFESSOR HALLENBECK

- *1-2. AMERICAN GOVERNMENT. First and second semesters. Four credit hours each semester.

This course is required of all freshmen in the Arts course and the first semester is required of all freshmen in the Teachers College. The first semester includes a study of the origin, growth, structure, and activities of the national government. The second semester emphasizes state and local government including the political systems of the state, county, and locality. Tuesday and Thursday 7:30-9:30. PROFESSOR CRECRAFT

- *6. EUROPEAN GOVERNMENTS AND PARTIES. First semester. Three credit hours.

The purpose of this course is to acquaint the student with the political systems of the leading European countries, England, France, Italy, Germany and Switzerland. Attention is paid to political parties in each of the countries. Comparisons are made between American and European political problems. Monday 6:30-7:30, Wednesday 7:30-9:30. ASSISTANT PROFESSOR HALLENBECK

- *12. EVOLUTION OF POLITICAL THOUGHT. Second semester. Three credit hours.

A brief survey of the nature and content of political thought, followed by a more comprehensive study of the development of political theories from the Greeks down to the present day. Greek and Roman political ideas, the political ideas of the early church and of medieval times and modern philosophers are considered. Attention is given to a critical analysis of contemporary political theories. Monday 6:30-7:30, Wednesday 7:30-9:30. ASSISTANT PROFESSOR HALLENBECK

PSYCHOLOGY AND EDUCATION

DEAN BANKES, PROFESSOR HAYES, PROFESSOR KUHNES, MR. ERWINE,
MR. WATERHOUSE, MISS HOOVER, MISS DUNCKLEY,
MR. HUGH SMITH, MR. BRYANT, MR. BOWMAN,
MR. DILLEHAY, MR. CHENOT, MR. SMITH,
MR. JELLISON, MISS MAUS, MR. BERNS

- *89. STORY TELLING. First semester. Two credit hours.

This course is designed to teach the development of the story telling art, to choose the kinds of stories suitable to the various interests of children, and to give training in telling, adapting, and dramatizing stories. It also includes library reading and reports. Wednesday 7:30-9:30.

MISS HOOVER

***90. STORY TELLING.** Second semester. Two credit hours.

This course is a continuation of Story Telling 89. Its aim is to emphasize the analysis and criticism of the story, standards of judging the quality of the selection, a comparative study of some of the world's great stories, characterization, reports, story telling and constructive criticism of stories told. Wednesday 7:30-9:30. MISS HOOVER

***1102-A-1102-B. GENERAL PSYCHOLOGY.** First and second semesters. Two credit hours each semester.

This course is designed to make psychology function in the life of all students in and after college. A comprehensive view of the facts, principles and theories of human psychology are taken up, but with the emphasis upon how to use them. Friday 7:30-9:30. MR. CHENOT

***1103. EDUCATIONAL PSYCHOLOGY.** First semester. Two credit hours.

This course is designed to make application of the general psychological principles operating in individual behavior, as applied to the teaching profession. Prerequisite, 1102. Thursday 7:30-9:30.

PROFESSOR KUHNES

***1104. EDUCATIONAL PSYCHOLOGY.** Second semester. Two credit hours.

This course deals with the psychological processes of learning with special attention to individual differences in capacity for reaction and adjustment. Special attention is given to processes of motor activity, association and memorizing. Prerequisite, 1102. Thursday 7:30-9:30.

PROFESSOR KUHNES

***1108-A. PSYCHOLOGY OF THE EXCEPTIONAL CHILD.** First semester. Two credit hours.

This course deals with the management and education of the child who deviates from the normal. Attention is given, through reports and discussions, to the problems of precocity, backwardness, feeble-mindedness, neural instability and peculiar mental defects. Wednesday 7:30-9:30.

PROFESSOR HAYES

***1108-B. PSYCHOLOGY OF THE EXCEPTIONAL CHILD.** Second semester. Two credit hours.

This course deals with methods of determining the mental status of the deviating child. Various types of mental measurements will be studied, demonstrations of the use and administration of tests will be given. Attention will be given to the use of tests as a basis for grading and classification of children. Wednesday 7:30-9:30. PROFESSOR HAYES

- *1112. **PSYCHOLOGY OF LEARNING.** Second semester. Two credit hours.

In this course, a study of the learning process will be made. Laboratory and class experiments dealing with memorizing and forgetting as applied to various types of material will be made. Special attention will be given to types of memory and learning aptitudes. Open to advanced students. Monday 7:30-9:30. PROFESSOR HAYES

- *1130. **GENERAL HISTORY OF EDUCATION.** First semester. Two credit hours.

The purpose of this course is to furnish a background for the interpretation of our present day educational problems by tracing the development of education from the ancient to the modern times. Library readings, reports, and discussions, problem solving, and personal investigations are special features of the course. Saturday 8-10. PROFESSOR KUHNES

- *1131. **HISTORY OF EDUCATION IN THE UNITED STATES.** First semester. Repeated second semester. Two credit hours.

The course is a study of the European background of American education, and the history of the development of the public school system as it is today. First semester, Friday 7:30-9:30. Second semester Saturday 8-10. PROFESSOR KUHNES, MR. BRYANT

- *1133. **AN INTRODUCTION TO EDUCATION.** First semester. Two credit hours.

This course is designed to introduce the teacher to the problems of education. It is a survey course in the field of education. Monday 7:30-9:30. PROFESSOR KUHNES

- *1134. **TESTS AND MEASUREMENTS FOR ELEMENTARY SCHOOLS.** First semester. Two credit hours.

In this course a brief study is made of school marks as compared with the marks given as a result of standard tests. The elements of statistical measurement are taken up. Administration and marking various types of educational tests and the possible use of such marks will receive attention. Tuesday 7:30-9:30. PROFESSOR HAYES

- *1137. **OBJECTIVES IN ELEMENTARY EDUCATION.** Second semester. Two credit hours.

The policy of this course is to evaluate essentials and non-essentials in aims, motives, methods, and results of teaching in the elementary schools. Reports and discussions, library readings, and reports from practical experience, in addition to the text, are required in the course. Saturday morning, 8-10. MISS HOOVER

- *1160. **THE PLATOON SCHOOL.** First semester. Two credit hours.

Particular attention will be given to the platoon plans of organization, the correlation of various school subjects, the duties of different teachers, and variety of schedules as found in platoon schools. Wednesday 7:30-9:30. DEAN BANKES

***1163. PROBLEMS OF BOYHOOD.** Second semester. Two credit hours.

The problems of boyhood are studied in the light of various organizations for advancement of boy life. The course is planned for teachers, parents and those working with special organizations for boys. The school, church, home, Y. M. C. A., Boy Scout, and other agencies will be studied in their relation to boys' activities. Wednesday 7:30-9:30.

DEAN BANKES

***1164. PROBLEMS OF GIRLHOOD.** Second semester. Two credit hours.

Class for teachers, social workers, and others dealing directly with girl groups. Aim—to study thoroughly the discussion and project methods, the various trends of modern thought, biologically, educationally, psychologically and sociologically, and to consider the scope and objective of organizations doing work with adolescent girls, locally and nationally. Special attention will be given to the various agencies of the city—school, church, Y. W. C. A., Girl Scouts, Camp Fire, Girl Pioneers, Girl Clubs, and any other organizations designed for girls. This course is suitable for both men and women. Thursday 7:30-9:30. Miss MAUS

***1166. THE JUNIOR HIGH SCHOOL.** Second semester. Two credit hours.

A careful study of the curriculum and organization of the junior high school. Tuesday 7:30-9:30.

MR. ERWIN

***1167. JUNIOR HIGH SCHOOL MATHEMATICS.** Second semester. Two credit hours.

A study of the content and methods of presenting mathematics in the junior high school. Thursday 7:30-9:30.

MR. BOWMAN

***1170. NATURE STUDY.** First semester. Two credit hours.

The object of the course is to present materials and methods for the teaching of nature study in the elementary grades. Lower grade science teachers in platoon schools will find this course especially helpful. Tuesday 7:30-9:30.

MR. BERNIS

***1172. PERSONAL HYGIENE.** First semester. Repeated second semester. Two credit hours.

The aim of this course is to give a scientific background for the various health activities of the school and the community. The important problem of the care of the body from both the individual and social viewpoint is carefully investigated. Thursday 7:30-9:30.

MR. HARRY SMITH

***1176-A. THE AUDITORIUM.** First semester. Two credit hours.

This course is for teachers of the first four grades. A study is made of the different activities as found in the auditoriums of platoon schools. Comparative values of auditorium practice will feature this course. Thursday 7:30-9:30.

MR. DILLEHAY

***1176-B. THE AUDITORIUM.** Second semester. Two credit hours.

The same plan of work is used as in 1176-A except that grades five to eight receive special attention. Thursday 7:30-9:30. MR. DILLEHAY

***1182. EDUCATIONAL GUIDANCE.** First semester. Two credit hours.

This course deals with the study of conditions that have brought about the present day need for educational guidance. Studies of present and proposed practices in organizing and administering educational guidance systems in seventh and eighth grades and in high schools, with application to the needs of Akron, will receive special attention. Wednesday 7:30-9:30. MR. WATERHOUSE

***1105. CHILD PSYCHOLOGY.** First semester. Two credit hours.

This course deals with the child as the product of instincts and emotions, the epochs of ontogenetic development, the origin and significance of play and other social activities. The aim of the course is to give a psychological basis for the intelligent management of the pre-adolescent child. Saturday 10-12. PROFESSOR HAYES

***1219. JUNIOR HIGH SCHOOL SCIENCE.** First semester. Two credit hours.

A study of the content and methods of presenting science, in the junior high school. Thursday 7:30-9:30. MR. HUGH SMITH

***1351. FIRST AID AND MASSAGE.** First semester. Two credit hours.

A study is made of the principles and practice of methods of first aid and massage. Emphasis is laid on conditions arising from injuries in connection with physical education and athletics. Tuesday 7:30-9:30. MISS DUNCKLEY

***1411-1412. PSYCHOLOGY OF SHOP SUBJECTS.** First and second semesters. Two credit hours each semester.

Specific problems that may be factors affecting progress in learning will be assigned and discussed. The relation of the typical factors of chronological age, of mental age, and of physique to the requirements of the various shops suggests the type of problems. Tuesday 7:30-9:30. MR. JELLISON

PURCHASING AND STORING

PURCHASING AND STORING. First and second semesters. No credit.

This course covers the correct principles of Purchasing and Storing. It deals with the economic side of both subjects, the ethics of buying, how proper records should be kept, the routine work and legal aspects of buying, purchasing and storing for large and small corporations. The technical side of basic commodities is also covered. The course is designed and taught by The Akron Association of Purchasing Agents and approved by the National Association of Purchasing Agents. Monday 7:30-9:30.

SPEECH

MISS McEBRIGHT

*ELEMENTARY COURSE. First and second semesters. Two credit hours each semester.

The fundamental principles of voice and speech are studied, including voice technique, tone placing, tone building, enunciation, physical training and action, gesture, extempore and impromptu speeches, and critiques.

The second semester personality is carefully studied and preserved, while the appearance and address is aided, in the process of development, toward the normal type of cultivated manhood and womanhood. Tuesday 7:30-9:30.

MISS McEBRIGHT

*ADVANCED COURSE. First and second semesters. Two credit hours each semester.

Special attention is given to extempore and impromptu speeches. Literary, dramatic, and artistic interpretation, development of imagination and sympathetic insight into literature are studied.

In the second semester emphasis is laid on the study of inflection, tone, color, grouping, tempo, simplicity, responsiveness and abandon. Plays are rehearsed for reading purposes as exercises in interpretation, in dramatic delivery and in reading of lines. Thursday 7:30-9:30.

MISS McEBRIGHT

SURVEYING

PROFESSOR DURST

SURVEYING. First and second semesters. One credit hour each semester.

Instruction is given in the correct use of the tape, the level and the transit. A study is also made of compass surveying; computing areas and note keeping. Much time is also devoted to making of maps and profiles. This course is designed to serve the following classes of people: (1) Young men now employed or desiring to be employed in engineering work; (2) Clerks, including women, now employed in engineers' offices who wish to get a better understanding of their work; (3) Students of law, mathematics, etc., who will find the practical applications of surveying useful in their studies. Monday 7:30-9:30.

PROFESSOR DURST

GRADUATE COURSES

DEAN BANKES, PROFESSOR HAYES, PROFESSOR KUHNES, MR. FLOOD,
MR. HAWK

*1500-1501. SEMINAR. First and second semesters. Two credit hours each semester.

Various members of the class will present theses and special problems will be presented by persons who may be invited to present them. Monday 7:30-9:30.

DEAN BANKES

***1502. EDUCATIONAL SOCIOLOGY.** First semester. Two credit hours. Many of the school problems which have as their basis social conditions serve as material for investigation and discussion. An effort will be made to analyze home, city, and state social conditions in the light of their educational significance. The chief aim of the course will be to define and analyze the social forces so that some of the problems of the school, the curriculum and the administration may be approached in a more satisfactory manner. Thursday 7:30-9:30. PROFESSOR HAYES

***1503. CURRENT EDUCATIONAL THOUGHT.** First semester. Two credit hours.

The purpose of this course is to analyze critically the new books on educational philosophy, theory and practice. The aim will be to familiarize the student with current educational thought as expressed in the newest books and magazines. Saturday morning 10-12.

PROFESSOR KUHNES

***1527. ABNORMAL PSYCHOLOGY.** Second semester. Two credit hours.

This course will consist of lectures, discussions and reports dealing with disorders of perception, association, memory, affection, volition, personality, judgment and action, with respect to their respective normal phenomena. Open to graduate students and those whose experience has fitted them for appreciative study in this field. Thursday 7:30-9:30.

PROFESSOR HAYES

***1529. PSYCHOLOGICAL SYSTEMS.** First semester. Two credit hours.

The various theories, definitions, and conceptions of psychology will be studied. Some library work will be required in the field of psychic causation and the theories of the subconscious. Saturday morning 8-10.

PROFESSOR HAYES

***1530. COMPARATIVE PSYCHOLOGY.** Second semester. Two credit hours.

The material for the course consists of investigations of the experimental data relative to the animal mind and the animal reactions to various stimuli. The work consists of both lectures and reports. Saturday morning 8-10.

PROFESSOR HAYES

***1532. PSYCHOLOGY OF ADOLESCENCE.** Second semester. Two credit hours.

The course is open to seniors, teachers of experience and graduate students. The course deals with the problems of adolescence, the physical and psychic changes which take place during the period of adolescence. The numerous problems of adjustment incident to the junior and senior high school age, such as social adjustment, sex, juvenile delinquency, and general mental development will receive attention. Current literature dealing with adolescent activities will be assigned for report and discussion. Prerequisite General Psychology and Educational Psychology. Saturday morning 10-12.

PROFESSOR HAYES

- *1551. OBJECTIVES IN SECONDARY EDUCATION. First semester. Two credit hours.

This course is designed to orient the thinking of students regarding the historical, national, sociological, biological, psychological, pedagogical, and philosophical determinants of objectives in education.

Wednesday 7:30-9:30.

PROFESSOR KUHNES

- *1554. COMPARATIVE SCHOOL SYSTEMS. Second semester. Two credit hours.

This course is designed to give an appreciation of the ideals, organization, administration, and teaching practices of foreign countries and to compare their school systems with those of America. Saturday morning 10-12.

PROFESSOR KUHNES

- *1580. METHODS IN HIGH SCHOOL ENGLISH. Second semester. Two credit hours.

This is a course for teachers and prospective teachers of English in junior and senior high schools. The emphasis will be on the problems and methods of composition, and on the appreciation and practical uses of literature. Contact with present theory and practice will be given by lectures and assigned readings. Wednesday 7:30-9:30.

PROFESSOR KUHNES

- *1582. PROGRESSIVE EDUCATION. Second semester. Two credit hours.

This is a course in the improvement of instruction with the emphasis on progressive education as opposed to the old formal idea of education. Monday 7:30-9:30.

MR. HAWK

- *1585. SECONDARY SCHOOL ADMINISTRATION. First semester. Two credit hours.

This course will cover the organization and administration of the high school as a distinct unit and its various relations to larger units of the school system in which it is located.

Included will be such administration problems as high school organization, attendance, daily schedule, measuring results, class supervision, extra curricular activities and the teaching corps. Monday 7:30-9:30.

MR. FLOOD

- *1598. TESTS AND MEASUREMENTS FOR SECONDARY SCHOOLS. Second semester. Two credit hours.

This course is designed to meet the needs of high school teachers. The following topics will be considered; need for standards in grading, simple statistical methods, history of mental and educational tests, standard criteria for making and judging tests, and a careful study of the latest and most practical tests devised for use in high schools. Tuesday 7:30-9:30.

PROFESSOR KUHNES

FIRST SEMESTER SCHEDULE

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
<p>6:30-7:30 Prin. of Economics History of Mod. Europe Algebra European Government</p>	<p>6:30-7:30 Light III. Algebra</p>	<p>6:30-7:30 Rhetoric His. of Eng. Lit.</p>	<p>6:30-7:30 Light III. Algebra</p>	<p>6:30-7:30 Algebra</p>
<p>6:30-8:30 German I.</p>				<p>6:30-8:30 German I.</p>
<p>7:30-8:30 Chemistry Home Economics</p>		<p>7:30-8:30 Shakspeare French Literature</p>		
<p>7:30-9:30 Lab. Elements of Art Lab. Design Lab. Adv. Home and School Crafts Accounting I. Business Finance Purchasing and Storing Teaching of History Lit. for Primary Grades Intro. to Education Surveying Seminar Sec. Sch. Administra. Real Est. Financing</p>	<p>7:30-9:30 Elementary Microbiology Cost Accounting I. Salesmanship Industrial Electricity Analytics Junior H. S. Methods French I. French III. Spanish I. Lab. Light III. American Government Tests, Meas. Ele. Schs. Nature Study First Aid and Massage Psychology of Shop Subjects Speech I. Funda. of Real Estate</p>	<p>7:30-9:30 Elements of Art Economic Geology Accounting III. Geography of Commerce Principles Economics Hist. Modern Europe Public School Music European Governments Story Telling 89 Psych. of Exc. Child Platoon School Educational Guidance Obj. of Sec. Educa.</p>	<p>7:30-9:30 Design Elementary Microbiology Business Problems Analytics Mechanical Drawing Metallurgy Meth. in Shop Subjs. French I. French III. Spanish I. Lab. Light III. American Government Educa. Psychology Personal Hygiene Auditorium Jr. H. S. Science Speech III. Educa. Sociology</p>	<p>7:30-9:30 Adv. Home and Sch. Crafts Business Law I. Rhetoric Hist. Eng. Literature General Psychology Hist. of Educa. in U. S.</p>
				<p style="text-align: center;">SATURDAY 8:00-10:00 Gen. Hist. of Educa. Psycho. Systems</p> <p style="text-align: center;">10:00-12:00 Child Psychology Current Educa. Thought</p>

EVENING SESSION

SECOND SEMESTER SCHEDULE

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
<p style="text-align: center;">6:30-7:30</p> <p>Prin. of Economics Hist. of Modern Europe Trigonometry Evol. of Political Thought</p> <p style="text-align: center;">6:30-8:30</p> <p>German II.</p> <p style="text-align: center;">7:30-8:30</p> <p>Chemistry</p> <p style="text-align: center;">7:30-9:30</p> <p>Lab. Home and School Crafts Lab. Still Life Lab. Commercial Art. Accounting II. Business Admin. Purchasing and Storing Lit. for Upper Grades Psych. of Learning Surveying Seminar Progressive Educa. Real Est. Apprais.</p>	<p style="text-align: center;">6:30-7:30</p> <p>Trigonometry</p> <p style="text-align: center;">7:30-9:30</p> <p>Cost Accounting II. Advertising Industrial Electricity Calculus French II. French IV. Spanish II. Electron Theory American Government Junior High School Psych. of Shop Subj. Tests, Meas. Sec. Sch. Speech II. Funda. Real Estate</p>	<p style="text-align: center;">6:30-7:30</p> <p>Rhetoric Hist. Eng. Lit.</p> <p style="text-align: center;">7:30-8:30</p> <p>Tennyson and Browning</p> <p style="text-align: center;">7:30-9:30</p> <p>Home and School Crafts Economic Zoology Accounting IV. General Marketing Principles of Economics History of Modern Europe Public School Music Evol. Political Thought Story Telling 90 Psych. of Exc. Child Problems of Boyhood Meth. in H. S. English</p>	<p style="text-align: center;">6:30-7:30</p> <p>Trigonometry</p> <p style="text-align: center;">7:30-9:30</p> <p>Still Life Calculus Mechanical Drawing Metallurgy Meth. in Shop Subjects French II. French IV. Spanish II. American Government Educational Psychology Problems of Girlhood Junior H. S. Math. Personal Hygiene Auditorium Speech IV. Abnormal Psychology</p>	<p style="text-align: center;">6:30-7:30</p> <p>Trigonometry</p> <p style="text-align: center;">6:30-8:30</p> <p>German II.</p> <p style="text-align: center;">7:30-9:30</p> <p>Commercial Art Business Law II. Rhetoric Hist. of Eng. Lit. General Psychology</p> <p style="text-align: center;">SATURDAY</p> <p style="text-align: center;">8:00-10:00</p> <p>Hist. Educa. in U. S. Obj. Elemen. Educa. Comparative Psych.</p> <p style="text-align: center;">10.00-12:00</p> <p>Psych. of Adolesence Comparative School Systems</p>

1926 SUMMER SESSION

INTRODUCTORY STATEMENT

Education ideals, methods of teaching, and the curriculum of the public schools have been continually modified to meet changing social and industrial conditions, and emphasis upon various subjects has changed to meet these changing conditions. The best interests of the schools require that all work in teacher training shall be of a character acceptable without question by the leading universities of the country. This fact is of special importance when summer school work is considered.

The work done at the University of Akron is accepted by all the leading universities. The Teachers College is ranked in Class A in the American Association of Teachers Colleges. The work of the summer sessions has met the standards of the regular courses of the institution and courses for 1926 are planned so that students may continue the work begun. New students will find classes in practically all the departments of the institution. The two-year and three-year programs should appeal to all teachers who are not primarily interested in obtaining a degree in education. Summer session courses enable teachers to complete programs of training in a short time.

All work done in the Summer Session is credited toward college degrees. College students will also have greater and better opportunities to take advanced courses in 1926. Graduate courses leading to the Master's degree in Teachers College are organized so that students may complete the work for this degree in Summer Sessions.

The State Department of Education recognizes the University of Akron as an institution for training teachers in the various departments of public school work. The completion of courses as outlined in Teachers College insures the issuance of state provisional and life certificates. The organization of Teachers College under the joint management of the Akron Board of Education and the Directors of the University has created a splendid spirit of co-operation between the University and the Public Schools.

LOCATION

The University of Akron is located thirty-five miles from Lake Erie in the heart of the Portage Lakes district. Students desiring to combine opportunity for study with recreational advantages will find many lake resorts within easy reach of the University.

Akron is an industrial city furnishing opportunities for students to visit large factories. The greatest rubber factories in the world are located here. Many students work part-time in these factories.

GENERAL INFORMATION

The 1926 Summer Session of the Municipal University of Akron will open June 21, and continue through July 30. Classes in each subject will be held every day except Saturday and Sunday. Examinations will be held at the close of the session. In Art and Folk Games double periods are required. Algebra will recite two periods per day. Three-hour courses will require two periods per day for half the session. One-hour courses continue for three weeks only.

The principal object of the summer session is to furnish instruction to teachers and other persons who seek opportunities for training. Some courses are designed to meet the needs of collegiate students who wish to advance their standing or to make up deficiencies and several courses are offered for graduate students.

CHARACTER OF INSTRUCTION

The courses maintain the standard of instruction which characterizes the work of the regular session. As far as possible the classes are taught by members of the University faculty. Additional instructors are selected because of special fitness for their work.

SELECTION OF COURSES

Teachers who are working toward the completion of the requirements for the two-year diploma and state certificate should be careful to select their courses to this end. All other students should be certain that the courses selected fit the purpose in mind. The Director of the Summer Session should be consulted if any assistance is needed. Any subject not listed will be given if twenty students petition for the course.

TWO-YEAR COURSE

Rhetoric 51	3 hrs.	Story Telling	2 hrs.
Physical Education	2 hrs.	Speech	2 hrs.
Methods (in four subjects) ..	8 hrs.	Elements of Music	2 hrs.
History of Ed.	3 hrs.	Public School Music	4 hrs.
School Management	2 hrs.	Psychology (including Edu-	
Principles of Teach.	3 hrs.	cational Psychology)	5 hrs.
American History	2 hrs.	Practice Teaching and	
Art	4 hrs.	Observation	4 hrs.
Tests and Measurements	2 hrs.		

Required, 48 hours. Electives, 16 hours. Total required, 64 hours, 16 of which must be earned in the University of Akron.

For three-year, four-year and five-year courses see general catalog.

Teachers who have credits from other standard colleges may have them transferred.

ACADEMIC CREDIT

No student will be permitted to take courses aggregating more than six hours' credit, except by special permission and then the work shall not exceed seven hours. Hours have various meanings in different institutions. In the University of Akron thirty-two semester hours constitute a year's work.

Credit granted in the Summer Session will be accepted in the various colleges of the University. All courses are credited in the Teachers College. Those starred in the schedule on last page are credited in Buchtel College of Liberal Arts. All students will receive certificates indicating the amount of work satisfactorily completed.

PRACTICE TEACHING

Practice Teaching may be done in the eighth grade and in high schools in the Akron city schools, but only a limited number of students may do practice teaching, and the right is reserved to refuse those who apply after the maximum number has been reached. Those who plan to do practice teaching should notify Dean W. J. Bankes on or before June 1.

TRAINING FOR PLATOON SCHOOLS

Teachers College offers special training for teachers in Platoon Schools and some of these classes are offered in the Summer Session. Special courses for the Auditorium and Literature classes for the various grades present opportunity for those specially interested in that type of work. A course in "The Platoon School" will be taught by the principal of our model Platoon School.

APPOINTMENT BUREAU

The Director of the Summer Session is Chairman of the Appointment Bureau of the University. Summer Session students may enroll for appointment without extra fee. Each year many students are placed in desirable positions.

ADMISSION AND ATTENDANCE

There are no formal examinations for admission, but students under 21 years of age must have completed a four-year high school course of study. The Summer Session will begin June 22 and carry out the schedule provided on the last page of this bulletin.

Registration will take place in Room 38, Buchtel Hall, June 21, from 8 a. m. to 5 p. m. Any person registering after June 21 will be charged an additional late registration fee of \$1. All late registrations must be passed upon by the Director of the Summer Session. Anyone wishing to enroll for the short courses given by Mr. Proffitt, Mr. Windes or Miss Barr will be permitted to do so.

No change of courses will be permitted without the consent of the Director and payment of a transfer fee of \$1. All fees, including both tuition and laboratory fees, must be paid to the Secretary of the University as a part of registration. Registration and payment of fees should be made in person on June 21, or by mail in advance of the opening of the session.

Refunds are made to students who must withdraw during the session as follows:

First week	80%	of fees
Second week	60%	of fees
Third week	40%	of fees
Fourth week	20%	of fees

No refund after fourth week.

ASSEMBLY

All students, unless excused by the Director, are required to attend Assembly exercises. Not more than one absence from Assembly will be permitted in the Summer Session; otherwise deduction will be made from the number of credits earned, in accordance with the plan of the University in its regular session. Assembly exercises will be held each Thursday at the time outlined in the schedule. The programs will be made as interesting as possible. Special musical productions and other attractive features will be added to the printed program which follows:

- June 24—"The Objectives of a College Education"—President George F. Zook.
- July 1—"An Increment to Teaching Power"—Supt. of Schools George E. McCord, Akron, Ohio.
- July 8—"Our Ancient Law"—Supt. of Schools William McAndrew, Chicago, Illinois.
- July 15—Musical Program by Chalmers Art Trio, consisting of Harpist, Violinist, and Cellist.
- July 22—"Functioning Features of the State System of Schools"—Dean H. C. Minnich, Miami University, Oxford, Ohio.
- July 29—Program by the Department of Vocal and Dramatic Expression directed by Miss Carita McEbright.

The public is invited to attend all Assembly programs.

SPECIAL FEATURES

The above Assembly program represents excellent talent. The President of our own University, the Superintendent of Akron Schools, and the University Department of Vocal and Dramatic Expression, together with the excellent talent secured outside the University, assure students of valuable assembly hours.

Superintendent William McAndrew was with us in 1924 and those who heard him then will want to hear him again, on July 8. At 9 o'clock he will hold a school conference in Room 37, Buchtel Hall on, "Some Things We Teachers Need to Know, if Up-to-date". This conference is open to all superintendents, supervisors, principals and teachers. At 12 o'clock noon, a luncheon will be given in his honor at the University Club, after which he will speak on the subject, "Cheer Up". Faculty, students and friends of the institution may attend this luncheon by paying \$1 per plate. In the evening at 8 o'clock, Superintendent McAndrew will speak at the Central High School Auditorium on "Fundamentals". All these lectures are free to students and to the public except the luncheon. Reservations for the luncheon may be secured at the office of Dean Bankes or by mail, before July 6.

The Chalmers Art Trio is well known in Akron. Its appearance at any function assures good music.

Dean H. C. Minnich has had wide educational experience. He has had much to do with directing the state associations and is closely connected with the American Association of Colleges. Besides speaking at Assembly on July 22, he will speak at Central High School Auditorium at 8 o'clock p. m. on "Biological Aspects of Social Control". These lectures are free.

Added to these special days are the special instructors who come to us because of their peculiar fitness for teaching. Two specialists from the U. S. Bureau of Education will conduct classes. Those who are interested in Industrial Education will have opportunity to study with M. M. Proffitt, Specialist in Industrial Education. In the field of psychology, he is also exceptionally well trained. E. E. Windes is a specialist in the field of secondary education and brings valuable contributions in that field. Mr. Proffitt will spend the first three weeks, and Mr. Windes the last three weeks, of the session. Each course by these specialists offers one hour credit.

Miss Grace Barr who for some years was a teacher of appreciation of music in the Iowa State Teachers College and who later was in charge of similar work in the normal schools of Massachusetts has been secured for the first three weeks as instructor in music appreciation. She is widely known throughout the United States as a specialist in her field.

ANNUAL PICNIC

The annual picnic will be held on the afternoon of Wednesday, July 14. This is the big outing of the Summer Session. The place and details will be announced at assembly. All students and friends are entitled to participate in this annual affair. The picnic, including transportation, eats and games, is free.

ART EXHIBIT

The Art Department will exhibit the work by students of the Summer Session in the Art Room, Buchtel Hall, on Tuesday, July 27. Students and citizens will find this exhibit interesting.

EXPENSES

A maintenance fee of \$4 per semester hour will be charged all students. Each course carries a statement of semester hours and it is easy for any student to determine the cost of the course. Attention is called to the late registration fee and additional laboratory fees as explained in the description of the courses. A student activity fee of \$1 will be charged each student in addition to the maintenance fee.

BOARD AND LODGING

The Director of the Summer Session has on file addresses of those who rent rooms with or without meals. These addresses will be furnished upon request.

UNIVERSITY BOOK STORE

All texts used in the various classes will be on sale at the University book store.

PROGRAMS OF STUDY

Teachers who are planning the completion of regular two year courses for the diploma and state certificate may complete this work in Summer Sessions at the University of Akron and in addition receive college credit toward the degree if they care to continue college work. The Teachers College bulletin outlining courses leading to degrees may be had upon request. Many subjects taught in the Summer Session are also credited toward degrees in the other colleges of the University.

Students desiring to do graduate work will find opportunity to earn graduate degrees in summer sessions.

For any further information, address W. J. Bankes, Director of the Summer Session.

COURSES OF INSTRUCTION

The general system of numbering and arrangement is according to the following groups:

Art.....	1251-1260
Graduate Courses	1500-1600
Methods and Teaching	1201-1250
Physical Education	1351-1400
Psychology and Education	1101-1200
Other subjects are numbered as in the General Catalog.	

 ART

1311. **KINDERGARTEN ART.** Two credit hours. Two periods each day.

This is a course in free hand drawing, blackboard drawing, composition, color and design. Thorough knowledge of handling of different mediums, clay, stick printing, water colors, scissors and yarns, is sought.

MRS. BARNHARDT

1255. **HOME AND SCHOOL CRAFTS.** Two credit hours. Two periods each day.

Applied design, stenciling, block printing, batik, applique, embroidery, tooled and dyed leather, color cement, parchment shades, enamel, gesso, basketry, book binding, and toy making, are included in this course.

MRS. BARNHARDT

BIOLOGY

402. **BIOLOGY.** Four credit hours. One hour lecture each day and three hours laboratory.

The course considers the systematic, structural and physiological characteristics of the animals, together with their distribution and economic interest. Subject matter is arranged to meet the needs of teachers. Laboratory fee, \$2.50.

Students may begin their study of biology with this course and complete General Biology by taking 401 in first semester or in 1927 Summer Session.

MR. FOX

ENGLISH

19. LEGENDS, FOLKLORE AND MYTHS OF THE ANCIENT PEOPLES.
Two credit hours.

Legends of the Egyptians, the Babylonians and the Germanic peoples will be taken up together with the origin of legends among primitive peoples, but the emphasis will be placed on the myths of the Greeks and the many references made to them in English literature.

PROFESSOR ROCKWELL

51. FRESHMAN ENGLISH. Three credit hours. Two periods each day last three weeks.

This course is designed for elementary instruction in English composition. Students are given practice in expressing their own ideas clearly, correctly, concisely, and concretely. Attention is devoted particularly to sentence and paragraph structure. The students write short expository compositions.

PROFESSOR PEASE

52. FRESHMAN ENGLISH. Two credit hours.

This course is designed with the same purpose as 51, of which it is a continuation. Attention, however, is given to description, characterization, and narration. The students write compositions that build up a final, long narrative work. Prerequisite, 51.

PROFESSOR PEASE

58. JOURNALISM. Two credit hours.

This is a general course in journalism, including a study of the construction and style of news stories, editorials, and feature articles, and a practical application of rules studied.

Students will write and edit a summer session newspaper and will also write for Akron newspapers. A study will be made of local newspapers and their plants. The objective of the course is a better understanding of the writing and editing of news.

MR. VANCE

83. LEGENDS AND MYTHS OF ANCIENT CITIES. Two credit hours.

The legends and myths of many Greek cities centered around heroes and stories which became the basis of folklore and the tragedies of the great period of Greek literature. These legends have been transmitted to English literature and the heroes stand for types of people to whom constant reference is made in our present literature. The purpose of this course is to acquaint the students with these stories and tragedies and the references to them in English literature.

PROFESSOR ROCKWELL

89. STORY TELLING. Two credit hours.

This course is designed to teach the development of the story telling art, to teach choice of the kinds of stories suitable to the various interests of children, and to give training in telling, adapting, and dramatizing stories. It includes library reading and reports.

MISS HOOVER

GRADUATE COURSES

Undergraduates may be admitted to these courses by permission of the Instructor and the Dean.

1502. EDUCATIONAL SOCIOLOGY. Two credit hours.

Many of the school problems which have as their basis social conditions serve as material for investigation and discussion. An effort will be made to analyze home, city, and state social conditions in the light of their educational significance. The chief aim of the course will be to define and analyze the social forces so that some of the problems of the school, the curriculum and the administration may be approached in a more satisfactory manner.

PROFESSOR HAYES

1505. THESIS. Four credit hours.

This course is open to graduate students and is required of all who are candidates for the Masters degree. Conferences by appointment are held. A fee of \$10 is charged for thesis work.

DEAN BANKES, PROFESSOR HAYES, PROFESSOR KUHNES

1506. RESEARCH PROBLEMS. Credit by arrangement—1 or 2 hours.

This course is open to graduate students and is in addition to Thesis. Only those who have received permission from their major professor and whose problem is approved, may receive credit. A fee of \$5 is charged.

PROFESSOR HAYES, PROFESSOR KUHNES

1528. ADVANCED EDUCATIONAL PSYCHOLOGY. Two credit hours.

This course will consist of a general survey of the field of psychology both from a social and educational basis.

PROFESSOR HAYES

1545. PSYCHOLOGY OF HIGH SCHOOL SUBJECTS. One credit hour.

First three weeks only.

This course deals with the application of psychology to the concrete problems of the secondary school. It includes a study of physical and mental characteristics of the secondary school pupil; the nature of the thought processes involved in the mastery of the different high school subjects such as English, Mathematics, History, Science and the Manual Arts, together with implication as to methods for teaching; and the principles of generalization in learning.

MR. PROFFITT

1551. OBJECTIVES IN SECONDARY EDUCATION. One credit hour. Last three weeks only.

A survey of current thought concerning the aims and general objectives of secondary education in the United States. An attempt will be made to ascribe to junior and senior high schools their proper major objectives.

MR. WINDES

1554. COMPARATIVE SCHOOL SYSTEMS. Two credit hours.

This course is designed to give an appreciation of the ideals, organization, administration, and teaching practices of foreign countries and to compare their school systems with those of America.

PROFESSOR KUHNES

1560. THE TEACHING STAFF AND ITS ORGANIZATION. Two credit hours.

The purpose of this course is to establish a basis for constructive thinking regarding the solidarity of the teaching profession and the desire to participate in the solution of the great problems in the school system.

PROFESSOR KUHNES

1579. CURRICULUM CONSTRUCTION IN SECONDARY SCHOOLS. One credit hour. Last three weeks only.

A survey of current efforts at scientific curriculum construction.

MR. WINDES

1580. PUPIL POPULATION OF SECONDARY SCHOOLS. One credit hour. Last three weeks only.

A survey of the mental, educational, physical and sociological characteristics of the present secondary school population.

MR. WINDES

1581. PSYCHOLOGY OF THE COMMON BRANCHES. One credit hour. First three weeks only.

This course deals with the application of psychology to the concrete problems of instruction in the elementary school. It includes a study of the physical and mental characteristics of the elementary school child; the psychology of sensori-motion forms of learning as in handwriting; perceptual learning as in drawing, reading, and music; associative learning as in spelling; abstract thought processes as applied to number work and arithmetic, the imaginative forms of learning dealing with the extension of experience as found in history and geography. Open to all elementary teachers with experience.

MR. PROFFITT

1582. INDUSTRIAL EDUCATION. One credit hour. First three weeks only.

This course deals with the theory underlying industrial courses; the place of industrial education courses in a public school system; how to determine the content for the different industrial courses; organization of industrial courses according to group and industrial needs; determination of interest levels and abilities as the basis for selection of projects; and the contribution of pre-vocational courses to vocational education. Concrete illustrations will be obtained from a study of local conditions.

MR. PROFFITT

1596. PRINCIPLES OF TEACHING IN SECONDARY SCHOOLS. Two credit hours.

The purpose of this course is to familiarize the teacher with principles upon which methods in secondary instruction must be based. The principles of learning, aims of instruction and the different recitation modes will be considered.

MR. BRYANT

1598. TESTS AND MEASUREMENTS FOR SECONDARY SCHOOLS. Two credit hours.

This course is designed to meet the needs of high school teachers. The following topics will be considered: need for standards in grading, simple statistical methods, history of mental and educational tests, standard criteria for making and judging tests, and a careful study of the latest and most practical tests devised for use in high school.

MR. BATES

HISTORY

277. THE SOCIAL AND ECONOMIC HISTORY OF THE UNITED STATES TO 1865. Two credit hours.

A treatment of the environment and general economic forces influencing the development of the institutions of our nation. The effect of immigration upon Jeffersonian and Jacksonian democracy; the conflict of the interior with the coast; the westward movement and its causes; the rise of the financial and factory systems and the economic and social situations leading to the Civil War will be dealt with in particular.

ASSISTANT PROFESSOR GARDNER

287. THE FOUNDATIONS OF MODERN EUROPE. Two credit hours.

After a brief treatment of the Renaissance and the Reformation, absolute monarchy as a constitutional, social and economic organization of society will be studied. A brief study will be made of eighteenth century enlightened despotism followed by a survey of European conditions to 1815.

ASSISTANT PROFESSOR GARDNER

MATHEMATICS

301. TRIGONOMETRY. Four credit hours. Two periods each day.

The following topics are studied: angles and their measurements, the trigonometric functions, fundamental identities, reduction theorems, addition and multiplication theorems, trigonometric equations, the inverse trigonometric functions, the right and oblique triangles, and logarithms.

PROFESSOR JONES

METHODS AND TEACHING

1210. PRINCIPLES OF TEACHING. Three credit hours.

This is a discussion of the principles of educational practice and evaluation of the various principles in the light of educational psychology. The aim of the course is to help the teacher deduce educational principles in school management and instruction. The class will recite two periods per day the last three weeks so that the three hours' credit may be given to satisfy state requirements for certification. DEAN BANKES

1213. PRACTICE TEACHING.

Akron city schools will be in session so that teachers needing practice teaching to meet state requirements may have opportunity to do this work. The credit earned will depend upon the amount of time spent in teaching, state standards being used to determine the credit earned. Those desiring to do practice teaching should notify Dean Banks not later than June 1.

1218. GENERAL PRIMARY METHODS. Two credit hours.

This is a course in general methods pertaining to the work of the primary teacher. It includes a study of materials for construction work, methods and devices for use in the primary grades and the application of psychological principles to primary education. MISS GRUBER

1225. THE TEACHING OF ARITHMETIC. Two credit hours.

This course emphasizes the changes in modern texts, and aims to show the present day methods in teaching arithmetic, and to apply these methods in the solution of practical problems. MR. CLOSE

1237. METHODS IN READING. Two credit hours.

Careful attention will be given to the various principles underlying the different methods, with particular attention to the Aldine method. Intended primarily for teachers of the first three grades. MISS GRUBER

1240. THE TEACHING OF HISTORY. Two credit hours.

The purpose of this course is to emphasize types of teaching through the use of large units of subject matter rather than through following the chronological order of the text. MR. CHENOT

1243. LITERATURE FOR THE UPPER GRADES. Two credit hours.

The teaching of literature will be approached through the appreciation lesson. The aim of the course is to awaken an interest in grade literature and to show the possibilities for self-expression through a knowledge of poetry, story, biography, and fiction. MISS HOOVER

1244. LITERATURE FOR THE PRIMARY GRADES. Two credit hours.

The aim of this course is to select poems, stories, books, etc. for children's reading, and to discuss methods of presenting the material. It has to do with kindergarten and primary literature as a means of developing the appreciation of the children.

PHYSICAL EDUCATION HYGIENE

1172. PERSONAL HYGIENE. Two credit hours.

The aim of this course is to give a scientific background for the various health activities of the school and the community. The important problem of the care of the body from both the individual and the social viewpoints, is carefully investigated.

MISS DUNCKLEY

1352. FOLK GAMES AND DANCES. Two credit hours. Two periods each day.

One hour lectures are given each week on the characteristics and customs of various countries. Typical folk games and dances are given as practical work during the balance of the required time.

MISS DUNCKLEY

*POLITICAL SCIENCE

251. PROBLEMS OF CITIZENSHIP. Two credit hours.

The relation of the individual citizen to law making, law enforcement, and to the government; rights and responsibilities of citizenship; community organizations through which the individual may act in practicing citizenship; essentials in parliamentary practices, will be considered.

PROFESSOR CRECRAFT

268. AMERICAN CONSTITUTIONAL DEVELOPMENT. Two credit hours.

This course deals with the development of the Federal Constitution and will include the study of its creation and its interpretation and will conclude with a treatment of the leading constitutional issues of the present day.

PROFESSOR CRECRAFT

269. INTERNATIONAL PROBLEMS. Two credit hours.

This course deals with topics of international interest; the essentials in the foreign policies of the United States; the place of the United States in international conferences; present day international problems, including the crude rubber problem, in which the United States is interested; the amicable settlement of international disputes.

PROFESSOR CRECRAFT

PSYCHOLOGY AND EDUCATION

1102-A. GENERAL PSYCHOLOGY. Two credit hours.

The first half of this elementary course in Psychology is designed to acquaint the students with the foundation principles. A careful study is made of the nervous system, attention, sensations, perception, memory and imagination. Assigned readings for library work are given in connection with the text.

MR. CHENOT

*NOTE: These courses are offered with the idea of allowing those who complete them to count them as equivalent to related subjects given in the College of Liberal Arts, American Government, Constitutional Law, World Politics, etc.

1103. EDUCATIONAL PSYCHOLOGY. Two credit hours.

This course is designed to make application of the general psychological principles operating in individual behavior, as applied to the teaching profession.

PROFESSOR KUHNES

1108-B. PSYCHOLOGY OF THE EXCEPTIONAL CHILD. Two credit hours.

This course deals with methods of determining the mental status of the deviating child. Various types of mental measurements will be studied, demonstrations of the use and administration of tests will be given, and attention will be given to the use of tests as a basis for grading and classification of children.

PROFESSOR HAYES

1130. GENERAL HISTORY OF EDUCATION. Two credit hours.

The purpose of this course is to furnish a background for the interpretation of our present day educational problems by tracing the development of education from the ancient to the modern times. Library readings, reports and discussions, problem solving, and personal investigations are special features of the course.

MR. BRYANT

1131. HISTORY OF EDUCATION IN THE UNITED STATES. Three credit hours. Two periods each day the last three weeks.

The course includes a study of the European background of American education, and the history of the development of the public school system as it is today.

MR. HATTON

1134. TESTS AND MEASUREMENTS FOR ELEMENTARY SCHOOLS. Two credit hours.

In this course a brief study is made of school marks as compared to the marks given as a result of standard tests. The elements of statistical measurements are taken up and administration and marking various types of educational tests and the possible use of such marks will receive attention.

MR. BATES

1160. THE PLATOON SCHOOL. Two credit hours.

Particular attention will be given to the platoon plans of organization, the correlation of various school subjects, the duties of different teachers, and the variety of schedules as found in platoon schools.

MR. HATTON

1176. THE AUDITORIUM. Two credit hours.

A study of the different activities as found in the auditoriums of Platoon Schools; organization of course of study for the auditorium; and discussion of comparative values of auditorium practice, will constitute this course.

MR. DILLEHAY

1180. APPLIED EDUCATIONAL SOCIOLOGY. Two credit hours.

This course deals with the application of sociological principles to teaching and practical discussion of dealing with parents and pupils in the light of sociological conditions. Various organizations of the community are considered in their relation to educational advancement. **MR. CLOSE**

1198. THE JUNIOR HIGH SCHOOL. Two credit hours.

This course offers an intensive study of the Junior High School idea as it is developing today. Underlying theory and practical adaptation will be constantly emphasized. Constructive work in developing a model curriculum and in setting up ultimate and immediate aims for the various subjects will be required of all students. **MR. ERWINE**

1241. SCHOOL MANAGEMENT. Two credit hours.

This course is designed for elementary teachers. Class room management and general problems of school management will be discussed.

MR. FLICKINGER

PUBLIC SCHOOL MUSIC**1231. ELEMENTARY THEORY. Two credit hours.**

This course includes a study of the rudiments of music, including the staff, clefs, key signature, measure signatures, note values, Latin syllables, and their use in sight reading in the work of the primary grades. In this course the student gains the power to think tones, to sense rhythms, and to recognize and write simple melodic phrases in all keys.

MISS DACKERMAN

1232-A. PUBLIC SCHOOL MUSIC. Two credit hours.

This course is devoted to the study and demonstration of materials and methods for kindergarten and the first four years in music. Special attention is given to the presentation of the different tonal and rhythmic problems as they are taken up in the successive years. Prerequisite, Elementary Theory 1231, or the ability to sing, at sight, material suitable for the third grade.

MISS DACKERMAN

1232-B. PUBLIC SCHOOL MUSIC. Two credit hours.

This course is devoted to the teaching of music in the upper grades, from the fifth to the eighth inclusive. The work of each year is taken up in detail, and the problems which confront the grade teacher are carefully considered. Prerequisite, Elementary Theory, 1231. **MISS DACKERMAN**

1245 and 1246. MUSIC APPRECIATION. Two credit hours.

This course will be given as a laboratory course in practical lessons in music appreciation. Superintendents, principals, supervisors, and grade teachers alike will find this course practical for direct application to school room problems.

This course will cover ear training, rhythmic response, learning to listen, for the pre-kindergarten and kindergarten age. To this will be

added studies in melody, body response to rythm, directed, suggested and interpretative. Characteristic rhythm will be presented from the galloping of Mother Goose rhymes and characteristic dances, through to advanced composition.

The course will be conducted in two periods each day for first three weeks. The period at 10:45 will be particularly adapted for kindergarten and primary teachers who desire to take but one hour's credit. The 8:25 period will be made to fit more particularly the upper grades.

MISS BARR

SOCIOLOGY

213. GENERAL SOCIOLOGY. Two credit hours.

This course will include study of nature of society; nature and scope of sociology; purposes and methods; the evolution of social forms and activities, giving attention to the organization and life of the family; the development and functions of the state; the social phases of industry; the evolution of ethics and religion; the socialization of mankind; with a study of social forces and laws; and the methods of social control.

PROFESSOR OLIN

214. GENERAL SOCIOLOGY. Two credit hours.

Textbook work, and discussions will cover social origins, social processes, social forces, social control, social progress and social laws, social ideals, social pathology, poverty, crime and degeneration. Problems of social administration, including methods of investigation and research will be discussed. Prerequisite, 213-A.

PROFESSOR OLIN

SPEECH

91. INTERPRETATION, AND READING REHEARSALS. Three credit hours. Two periods each day first three weeks.

Vocal expression follows the preliminary practice in Voice and Speech training. Inflection, tone color, grouping, tempo, etc., as means of vocal expression, and as modes of expression, simplicity, responsiveness, abandon, etc., are carefully studied. Plays are rehearsed for reading purposes as exercises in dramatic delivery and reading of lines.

MISS McEBRIGHT

97. VOICE AND SPEECH. Three credit hours. Two periods each day last three weeks.

This will include physical exercises for normal carriage and gestures. Personality is carefully studied and preserved, while the appearance and address are aided in the process of development toward the normal type of cultivated manhood and womanhood.

MISS McEBRIGHT

NOTE: Students desiring private lessons may secure them of Miss McEbright.

SCHEDULE OF CLASSES

(All courses are credited in Teachers College; those starred receive credit in the College of Liberal Arts.)

7:15 to 8:15

- *History of Education in U. S., B-37.
- The Teaching of Arithmetic, B-22.
- *Story Telling, K-22.
- *Home and School Crafts, B-12.
- *Advanced Educa. Psychology, B-38.
- *American Const. Development, B-25.
- *Biology, O-25.
- Elementary Theory of Music, B-13.
- The Junior High School, B-32.

8:25 to 9:25

- Principles of Teaching, B-37.
- *Home and School Crafts, B-12.
- *Applied Educational Sociology, B-26.
- General Primary Methods, B-32.
- Music Appreciation (A), B-13.
- *Psychology of Except. Child, B-38.
- *General History of Education, B-22.
- *English 51 (last 3 weeks), B-13.
- *Comparative School Systems, B-11.
- *Foundations of Modern Europe, B-25.
- The Auditorium, B-15.
- *Biology, Laboratory.
- *Psychology of H. S. Subjects, K-22.
- Curriculum Construction in Secondary Schools, K-22.
- *Interpreta. and Read. Rehearsals, P-1.
- The Platoon School, O-25.

9:35 to 10:35

- *Trigonometry, B-22.
- Methods in Reading, B-32.
- *Tests and Measurements (Elementary Schools,) B-26.
- *Educational Psychology, K-22.
- Public School Music (Upper Grades), B-13.
- *Problems of Citizenship, B-25.
- School Management, B-15.
- *English 52, B-38.
- *Advanced Educa. Sociology, B-11.
- *Biology, Laboratory.
- *Industrial Education, B-37.
- *Objectives in Sec. Education, B-37.
- *Voice and Speech, P-1.
- *Personal Hygiene, P-12.

10:45 to 11:45

- Music Appreciation (B), B-13.
- Kindergarten Art, B-12.
- *The Teaching Staff and Its Organization, K-22.
- *Biology, Laboratory.
- *Principles of Teaching (last 3 weeks), B-13.
- *Social and Economic History of the United States, B-25.
- Literature for Upper Grades, B-15.
- Psychology of Com. Branches, B-22.
- Pupil Population of Secondary Schools, B-22.
- *Journalism, B-11.
- *Myths, Legends and Folklore, B-32.
- *General Sociology, (A), B-26.
- *English 51, B-37.
- *Interpretation and Reading Rehearsals, (first 3 weeks), P-1.
- Folk Games, Gym.
- The Teaching of History, P-12.

11:55 to 12:55

- *Trigonometry, B-22.
- Principles of Teaching in Secondary Schools, B-15.
- Literature for Primary Grades, K-22.
- Kindergarten Art, B-12.
- Public School Music (Primary Grades), B-13.
- *International Problems, B-25.
- *Tests and Measurements for Secondary Schools, B-38.
- *Folklore of Ancient Cities, B-32.
- *General Psychology, P-1.
- *General Sociology, B-26.
- Folk Games, Gym.
- *History of Education in the United States (last 3 weeks), B-37.

Assembly Schedule

Assembly exercises will be held each week on Thursday from 10 to 11 o'clock. Class periods on Thursdays will be as follows:

7:00 to 7:55	11:05 to 12:00
8:00 to 8:55	12:05 to 1:00
9:00 to 9:55	

NOTE:—B refers to Buchtel Hall; K to Knight Chemical Building; P to President's House; O to Olin Hall. The number after each subject indicates the room in which class will recite.

Class recitations in each subject will be held each week day except Saturday. Summer session begins Tuesday, June 22. Registration will be Monday, June 21.

COMMUNITY CO-OPERATION

The work in community co-operation has been undertaken for the purpose of bringing the University in all its departments into close touch with the activities of the city of Akron. The Directors of the University feel that an institution of higher learning, supported in large part by municipal taxation, should give freely to the city all possible practical aid by means of its instructors and equipment.

While the work of community co-operation is not primarily organized for the purpose of teaching, yet one of its important objects is to bring students into contact with the work of the city and to train them along various lines of practical usefulness to the community. Whenever possible, the actual problems of civic life and administration are substituted in the various courses for purely theoretical work, since the University considers this training as one of the most important branches of its activity.

DIVISIONS OF CO-OPERATIVE WORK

The work properly falls under two heads:

- I. Special organizations or Bureaus.
- II. Co-operative work by various departments of the University.

I. SPECIAL ORGANIZATIONS

THE BUREAU OF CITY TESTS

E. F. SCHAEFER, B. E. M., *Director*

In accordance with the proposal made by the Directors of the University and accepted by the Akron City Council, the University assumes entire charge of the chemical and physical testing work of the city. The Bureau of City Tests was created and took charge of this work January 1, 1914. All analytical and diagnostic work of the city was done by the Bureau until November, 1916, when a diagnostic bacteriological laboratory was created at the Board of Health office and assumed this work. The Bureau continues to do bacteriological milk and water analyses, and all other physical and chemical tests for the various city departments, together with brick testing for Summit County.

The Bureau is a part of the Knight Chemical Laboratory and co-operates with the Department of Chemistry in bringing students in advanced courses in chemistry into touch with the city work by giving them actual problems of the city for solution as a part of their regular class work.

II. CO-OPERATIVE WORK BY DEPARTMENTS OF THE UNIVERSITY

The following list covers activities of the past few years:

DEPARTMENT OF ECONOMICS AND SOCIOLOGY

Co-operative arrangement with Better Akron Federation for the study of social problems in Akron.

Leaders of clubs under direction of Y. W. C. A. and Y. M. C. A.

Training classes for social workers in co-operation with the Family Service Society.

DEPARTMENT OF PHYSICAL EDUCATION

Summer camp work for boys in Akron by Director, Assistant-Director and students.

DEPARTMENT OF ENGLISH

Field work in journalism for local newspapers.

DEPARTMENT OF BIOLOGY

Close affiliation is maintained with the City Health Department. Bacteriological and serological testing and investigations are carried on in connection with the various clinics and hospitals. A "blood squad", composed of selected students, is held in readiness for emergency transfusions. Facilities are provided for research work on the part of some of the surgeons of the city. Numerous lectures and informal talks have been given before luncheon clubs and other organizations, in Akron and in nearby towns.

COLLEGE OF ENGINEERING AND COMMERCE

Engineering students work alternate three-week periods in foundries, machine shops, rubber factories, and on construction and railroad work. Arrangements have been made to provide outside work on alternate basis for commerce students. Civil engineering students are assigned to municipal work under direction of city service departments.

Engineering instructors make numerous tests of materials and machines for local industries. Technical men in local organizations use facilities of the engineering laboratory for testing purposes.

COMMUNITY CO-OPERATION

DEPARTMENT OF CHEMISTRY

Two fellowships in the chemistry of india rubber, open to graduates of standard American colleges, have been established at the Municipal University by Akron rubber companies, for the purpose of training men for service in their laboratories.

TEACHERS COLLEGE

The Teachers College is organized under the joint management of the Akron Board of Education and the Directors of the University. The general oversight of the Teachers College is in charge of the President of the University, the Superintendent of Schools, and the Dean of the college. The work is specifically organized for the following purposes:

1. The preparation and training of teachers for the Akron Public School System.
2. The professional improvement of teachers already engaged in the Public School service.
3. The study of educational problems.

The first purpose the Teachers College is expected to achieve is the affiliation of teacher training with the various colleges of the University which gives opportunity to all teachers in training to receive academic preparation along with the professional training.

The second purpose is to increase very considerably the opportunities for continued training to teachers already in service. Late afternoon, evening and Saturday courses are offered for those who wish them.

The third purpose is to bring teacher training into closer contact with the instructional, supervisory, and administrative forces of the city. The really vital problems of education may thus be studied by all who represent these forces. In this way the vigorous progressive phases of school work in the city will be reflected in the training courses, and the study of these problems by the Teachers College will bring suggestions for methods in teaching, for new forms of training, and for various modifications of school work. All students are under the rules governing students of the University, and are entitled to all the privileges of the institution. Students are required to do practice teaching in the Akron schools for one semester.

The graduate course in Teachers College with its research work in connection with these provides careful study of problems in Akron's educational program.

The trade teacher training courses offered by the State and Federal Governments are given in Teachers College.

THE UNIVERSITY LECTURES

The Municipal University offers to the people of the city the opportunity annually of hearing, free of charge, certain talks and lectures by members of the University faculty—not in the class room, nor even in the college buildings, but rather at such times and places as may be best suited to the needs of the citizens. This plan has been adopted in response to numerous calls received for lectures on various subjects, and represents an effort on the part of the University to serve the community to the best advantage by systematizing the work thus offered.

The conditions for giving the lectures are as follows:

1. The lectures are to be given at dates to be mutually agreed upon with the Chairman of the Lecture Committee.
2. The Chairman of the Lecture Committee must be notified by the organization at least two weeks before the time of giving the lecture.
3. The organization requesting the lectures shall provide a suitable place for holding them and no admission fee shall be charged.

All requests for these lectures should be addressed to Dr. J. C. Rockwell, Chairman, University Lecture Committee, University of Akron.

REGISTER OF STUDENTS

1925-1926

BUCHTEL COLLEGE OF LIBERAL ARTS

GRADUATE STUDENTS

Ackley, Ruth Virginia	Akron
A. B., Municipal University of Akron	
Brown, Mary Frances	Akron
B. S., Wilberforce University	
Calvert, William Clarke	Houma, La.
B. S., Denison University	
Connor, James E.	Akron
B. S., Massachusetts Institute of Technology	
Darrah, Donald Carlton	Akron
B. S., Municipal University of Akron	
Fish, Lola	Akron
B. S., Municipal University of Akron	
Herndon, Maude	Akron
B. L. S., Western Reserve University	
Koons, William B.	Akron
A. B., North Western College	
Mitchell, Peter H.	Reinbeck, Iowa
B. S., Coe College	
Pagel, La Vern F.	Willard
B. S., Capital University	
Pitkin, Grace Alexander	Akron
A. B., College for Women, Western Reserve University	
Reichenstein, Selma B.	Akron
A. B., Municipal University of Akron	
Stimmel, Sarah E.	Akron
B. S., Ohio State University	
Teeple, Kathryn Susan	Akron
B. S. in Home Economics, Municipal University of Akron	

Total 14—Men 6; Women 8

SENIOR CLASS

	Course	
Averell, Mrs. Charles W.	A. B.	Akron
Barnholth, Thelma	A. B.	Akron
Bear, Irene	A. B.	Akron
Beck, Gretchen	A. B.	Akron
*Bennett, Roy E.	A. B.	Barberton
Boettler, Roy	B. S.	Greentown
Bond, Jess H.	B. S.	Akron
Brown, Enslin Charles	A. B.	Akron
Brubaker, John Franklin	A. B.	Akron
Burge, Dorothy Alice	A. B.	Akron
Cahill, Louis J.	B. S.	Akron
Campbell, John Harold	A. B.	Rittman
Carnahan, Audra	A. B.	Akron
Cowan, Lester	A. B.	Akron
Cramer, Howard Irving	B. S.	Cuyahoga Falls
Cranz, Laura Elizabeth	A. B.	Everett
Durant, David Keith	A. B.	Akron
Eastman, Frances Alfreda	A. B.	Akron
Eastman, Frederic John	A. B.	Akron
Figenschel, Murray A.	A. B.	Akron
Hansen, Christian Lawrence	A. B.	Akron
Hardy, Ruby Elizabeth	B. S.	R. D., Akron
Kepler, Jack Johnston	A. B.	Akron
Kreiselman, Benjamin B.	A. B.	Akron
Krill, Carl Emil	B. S.	Akron
Larabee, Byron Hanly	B. S.	Akron
Laumann, Paul H.	A. B.	Akron
Lawler, Doris	A. B.	Akron
Lebold, Vivian	A. B.	Akron
Lincoln, Mildred Hazen	A. B.	Akron
Littman, Joseph B.	B. S.	Akron
MacKinnon, John G.	B. S.	Akron
Mahoney, Harry Leonard	A. B.	Akron
Merlitti, Luigi		Akron
Minter, Irene	A. B.	Akron
Moodie, Hilda A.	A. B.	Akron
Moore, Fred	A. B.	Akron
Morgenroth, Myron James	A. B.	Akron
Nelson, Irvin	A. B.	Akron
Olmsted, Eleanor	A. B.	Akron
Osborne, Frances Marion	A. B.	Akron
Pitkin, Thomas Monroe	A. B.	Tallmadge
Razor, Ralph Eugene	B. S.	Akron
Ream, Mrs. Madeleine	A. B.	Akron
Saal, Elizabeth	A. B.	Akron
Sanderson, Paul Nicholas	A. B.	Akron
Shaffer, Raymond Willard	A. B.	Akron
Shea, Eunice Josephine	A. B.	Akron
Snyder, James Ernest	B. S.	Akron
Solomon, Joseph	A. B.	Akron
Spanton, Margaret Anne	A. B.	Akron
Tenney, Audra	A. B.	Akron
Walker, Elizabeth A.	A. B.	Akron
Weiler, Joseph I.	B. S.	Barberton
Wells, Helen NaDene	A. B.	Akron
Whigam, Madge Mary	A. B.	Akron

Total 56—Men 32, Women 24

*In Combined Arts-Law Course with the University of Alabama.

JUNIOR CLASS

	Course	
Abersold, Gertrude	B. S.	Akron
Ault, M. Honor	A. B.	Akron
Austin, Lorraine Lucille	A. B.	Akron
Barbian, Homer Livingston	A. B.	Sharon, Pa.
Barrett, Lois Bernardine	A. B.	Akron
Bitter, Raymond Edward	B. S.	Akron
Bordner, William Paul	A. B.	Akron
Boss, George	A. B.	Akron
Boyer, Carl Ellsworth	A. B.	Akron
Brewster, Marian Marthena	A. B.	Akron
Brown, Marian	A. B.	Akron
Bunting, John H.	A. B.	Cuyahoga Falls
Burns, Dennis J.	A. B.	Akron
Burns, A. Evelyn	B. S.	Cuyahoga Falls
Clarke, Edward John Orville	A. B.	Akron
Colclough, Grace	A. B.	Akron
Coup, Charles F.	B. S.	Akron
Crankshaw, Jesse Lewis	B. S.	Akron
Crawford, Alden Kingsley	A. B.	Akron
Davis, Donald	A. B.	Akron
Davis, Frederick W.	B. S.	Akron
Demming, Perry Thurston	A. B.	Akron
Denning, Eugene Benjamin	A. B.	Akron
DeSure, Edward	A. B.	Akron
Dey, Alice Grace	A. B.	Akron
Epstein, Naomi	A. B.	Akron
Esgate, Jean Virginia	A. B.	Akron
Evkovich, William	B. S.	Akron
Fitzpatrick, Thomas	A. B.	Akron
Fletcher, Paul E.	A. B.	Akron
Fraser, Edith	A. B.	Akron
French, Louis Adrian	A. B.	Akron
Gresham, Norman Curtis	A. B.	Akron
Grim, Henry Earl	A. B.	Stryker
Hackett, Paul	A. B.	Akron
Harrington, Russell Paul	B. S.	Akron
Harris, Robert Foote	A. B.	Akron
Hinton, James Melbourne	A. B.	Akron
Hoffman, Mildred	A. B.	Akron
Horst, Harriet Eleanor	A. B.	Akron
Hunsche, Charles William, Jr.	A. B.	Akron
Jackson, Carola Maxine	A. B.	Cuyahoga Falls
Johnson, Lillbern B.	A. B.	Akron
Karam, Harvey F.	B. S.	Akron
Klabre, Ethel S.	A. B.	Akron
Kondritzer, Albert	B. S.	Akron
Koons, Ruth Edna	A. B.	Greensburg
Leonard, Donald Edward	B. S.	Akron
Leonard, Sherill E.	A. B.	Akron
Lewin, Charles	B. S.	Kenmore
Lewin, John Andrew	B. S.	Kenmore
Lind, Norville Merrell	A. B.	Akron
Litsinger, Thelma Phyllis	B. S.	Akron
Lowry, Mary Frances	A. B.	Crooksville
Lutz, Wilford Irwin	A. B.	Akron
McCahon, Mary E.	A. B.	Lorain
McLaney, Janie Loudell	A. B.	Akron

McLean, Royal Cecil	B. S.	Akron
McPeake, Ruth K.	A. B.	Akron
Meier, Helen Jane	A. B.	Akron
Miller, James O.	A. B.	Akron
Minnick, Marguerite L.	A. B.	Cuyahoga Falls
Myers, Forrest D.	A. B.	Akron
Nicodemus, Alberta	A. B.	R. D., Akron
Otis, Marie L.	A. B.	Akron
Pfaus, Rhoda Josephine	A. B.	Akron
Pittenger, William J.	B. S.	Akron
Pollard, Maude	A. B.	Akron
Porterfield, Oneita	A. B.	Akron
Reed, Margaret	A. B.	Akron
Ross, Clyde Emery	A. B.	Barberton
Roth, Allen S.	B. S.	Akron
Schumacher, Sherman O.	A. B.	R. D., East Akron
Sheinin, Louis	B. S.	Akron
Sheldon, Frank	A. B.	Akron
Shreve, Dorothy	A. B.	Akron
Smead, Elmer E.	A. B.	Akron
Snyder, Russell Field	B. S.	Akron
Sproul, Wayne T.	B. S.	Akron
Stanford, Dortha	A. B.	Akron
Stepfield, Esther Lucille	B. S.	Doylestown
Stevens, Thomas L.	A. B.	Akron
Stewart, W. Earl	B. S.	Akron
Supowit, Ruth	A. B.	Akron
Terrass, Milford E.	B. S.	Akron
Theobald, Adrian Daniel	A. B.	Akron
Union, Julius	A. B.	Akron
Wagstaff, Donald Andrew	B. S.	Akron
Wehr, Parke Alden	A. B.	Akron
Wells, Winifred K.	A. B.	Akron
Wheeler, James Boyd	A. B.	Akron
Williams, Arthur F.	A. B.	Columbus
Workman, Florence Arleen	A. B.	Akron

Total 93—Men 58; Women 35

SOPHOMORE CLASS

Course

Alden, George Wright	A. B.	Akron
Alexander, Reginald Myers	A. B.	Akron
Allman, Lillian Mildred	A. B.	Akron
Alpeter, James	A. B.	Akron
Amer, Josephine Rose	A. B.	Akron
Armstrong, Elizabeth	A. B.	Akron
Aspell, Marion Lincoln	A. B.	Akron
Auten, Ralph W.	A. B.	Akron
Averell, Julia	A. B.	Akron
Baldwin, Benjamin H.	A. B.	Akron
Bauman, Gerald Berdell	A. B.	Akron
Beck, Mary Kathryn	A. B.	Akron
Bendell, Stella Helene	A. B.	Akron
Berry, Louis	A. B.	Akron
Bishop, Donald G.	A. B.	Akron
Black, Robert Elmer	B. S.	Akron
Bowman, Laura Leone	A. B.	Akron

Brodts, Carl W.	B. S.	Akron
Brown, Augustus Webster H.	A. B.	Akron
Bryant, Samuel Hanks	A. B.	Akron
Burge, Gladys Ann	A. B.	Akron
Carey, Lucille V.	B. S.	Akron
Carney, Donald T.	A. B.	Akron
Cassidy, Harold James	A. B.	Akron
Conner, Marian Helen	A. B.	Akron
Corbett, Evelyn Doris	A. B.	Akron
Corice, Elma Leona	A. B.	Akron
Crawford, Newell	A. B.	Akron
Curry, Herbert L.	A. B.	Akron
Diehm, Whitney Ernst	B. S.	Akron
Bobkin, Arthur	B. S.	Akron
Doran, Adeline Mary	A. B.	Akron
Dyson, Wheatley Phyllis	A. B.	Akron
Eaken, William	B. S.	Akron
Ellsworth, Raymond V.	A. B.	Akron
Fignscher, Carl	A. B.	Akron
Finney, Norman C.	A. B.	Akron
Gilleland, Earl Roger	B. S.	Akron
Hamlen, Dorothy, A.	A. B.	Akron
Hare, Weston A.	B. S.	Akron
Harris, Helen Lucile	A. B.	Akron
Hays, E. Blaine	B. S.	Carlisle, Pa.
Heinzerling, Lynn Louis	A. B.	Akron
Holub, Miriam Audrey	A. B.	Akron
Hudson, Marguerite A.	A. B.	Springfield Township
Hull, Alice Margaret	A. B.	Akron
Jacobs, Paul E.	A. B.	Akron
Jenkins, Charles E.	A. B.	Akron
Johnson, Joseph	B. S.	Akron
Julien, Marian Austin	A. B.	Kent
Kauffman, Clifford W.	B. S.	Akron
Kirn, Walter Norris	A. B.	Akron
Kline, Arthur A.	B. S.	Akron
Leonard, Dean Russell	A. B.	Akron
Libis, Robert	B. S.	Akron
Likens, Basil	B. S.	Akron
Little, Marian Arlene	A. B.	Akron
Lynn, Virginia Jessie	A. B.	Akron
McCorkle, Margaret	A. B.	Cuyahoga Falls
McCown, Mary Ella	A. B.	Akron
Manelik, Mary Harriet	A. B.	Akron
Marquis, Ada M.	A. B.	Akron
Mason, Clement	A. B.	Akron
Mell, N. Dorothy	A. B.	Akron
Metzger, Eleanor Mary	A. B.	Greentown
Milar, Elizabeth Croninger	A. B.	Akron
Miller, Leslie S.	A. B.	Akron
Minium, Charles E.	B. S.	Barberton
Mitchell, Thelma	A. B.	Akron
Morganstern, Louis	B. S.	Akron
Mosher, Esther Naomi	A. B.	Akron
Nicholas, Robert Clarence	B. S.	Akron
Olin, Norma Ruth	A. B.	Akron
Parker, Harold Dean	A. B.	Akron
Pfaff, Alice Katherine	A. B.	Akron
Pittenger, James	B. S.	Akron
Plappert, Edward	B. S.	Akron
Plant, Leland H.	A. B.	Akron

Plotkin, Louise	A. B.	Akron
Purdy, Pauline Harriet	A. B.	Akron
Randall, Lucetta Rebecca	A. B.	Akron
Rech, Anna Marie	A. B.	Akron
Romweber, Richard	A. B.	Akron
Ruttman, Walter	A. B.	Akron
Safreed, Clair Olan	A. B.	Akron
Schiller, Mareta Grace	A. B.	Akron
Shondel, Stanley John	A. B.	Clinton
Smith, Norman	A. B.	Akron
Spessard, Carl Dick	A. B.	Akron
Stafford, Francis William	A. B.	Akron
Stillman, Georgia Gertrude	A. B.	Akron
Swanson, Helen E.	A. B.	Akron
Taylor, Jerome	A. B.	Akron
Thomas, Daniel	B. S.	Barberton
Thomas, John Paul	A. B.	Akron
Thurman, Floyd	A. B.	Rockport, Ind.
Tsalaff, Nicholas M.	B. S.	Akron
Wainer, Eugene	B. S.	Akron
Wagner, Joseph E.	B. S.	Marshallville
Walker, Muriel Hughes	A. B.	Akron
Webb, Myra May	A. B.	Akron
Wetsel, Elizabeth	A. B.	Akron
Wilhelm, Grace J.	A. B.	Akron
Williams, Ralph Charles	A. B.	Akron
Winans, Charles Francis	B. S.	Akron
Wines, Richard John	A. B.	Akron
Witzberger, Clarence Michael	A. B.	Akron
Worthington, Margaret D.	A. B.	Akron
Wyle, John J.	A. B.	Akron
Yerrick, Helen L.	A. B.	Akron
Zepp, Florence Elizabeth	A. B.	Massillon
Zimmerman, Glenn	B. S.	Barberton

Total 112—Men 64; Women 48

FRESHMAN CLASS

Alpeter, Katherine Marie	Akron	Cocklin, Donald L.	Akron
Amer, Francis J.	Akron	Cockrell, Helen Elizabeth	Akron
Apel, Sara	Akron	Cope, Arthur Leroy	Akron
Bachtel, Clayton	Akron	Conner, Edwin Kenniston	Akron
Bachtel, Forrest Leroy	R. D., Akron	Conroy, Vincent Joseph	Akron
Baker, Lawrence Maywood	Akron	Corman, Irvin Stanley	Akron
Ballard, Pebble J.	Forest Park, Ga.	Corns, Richard	Akron
Baltz, Robert Ernest	Kenmore	Cornmesser, Donald Earl	Akron
Bandy, Charles	Akron	Coulter, Panola	Akron
Beck, Pauline Louise	Akron	Crawford, Helen	Akron
Beckett, William Donald	Akron	Croysdale, Arthur	Akron
Behling, Grace A.	Akron	Currie, John Dean	Akron
Benner, Hannah Josephine	Akron	Davidson, William	Akron
Bishop, Lillian Lavina	Akron	Davies, Hayden Maxwell	Akron
Bliss, Raymond	Akron	Deck, Frances Margaret	Akron
Brown, Raymond Ramsey	Akron	Dettling, Frank E.	Akron
Brueggeman, Elmer C.	Akron	DeYoung, Catherine Myra	Akron
Callahan, Thomas Francis	Akron	Dietrich, Philip Joseph	Akron
Caplan, Lozeer	Akron	Dottarar, Harold Dillon	Akron
Cheney, George W.	Akron	Dysle, Barbara	Akron
Cochran, Harold	Akron	Eichelberger, Odin P., Jr.	Akron

Ellis, George Sheldon.....	Akron
Emmons, Pauline.....	Akron
Erra, Arthur Louis.....	Akron
Faber, Edward James.....	Canton
Felber, John C.....	Akron
Feldstein, Louis William.....	Akron
Ferguson, David H.....	Akron
Finney, Addis E.....	Akron
Firestone, Arden Edson.....	Akron
Fitzharris, Cletus James.....	Akron
Flower, Walter Deane.....	Akron
Fornecker, Frank.....	Akron
Foutts, James C.....	Akron
Fox, Edwin Harry.....	Akron
Franklin, Josephine.....	Akron
Freedman, Isadore E.....	Akron
Fuller, Belle.....	Akron
Galloway, Marie Janet.....	Akron
Gasskill, Harold Edward.....	Akron
German, Albert.....	Akron
Getz, Martha Louise.....	Kent
Gilbert, Allen Binder.....	Akron
Gilhooly, James Edward.....	Akron
Gilleland, Joseph Ellsworth.....	Akron
Glessner, Donald P.....	Akron
Goldfarb, Max.....	Akron
Goodenberger, Harry Thomas.....	Akron
Gravesmill, Margaret Anna.....	Akron
Haddad, Abraham A.....	Akron
Hahn, Catharine Louise.....	Akron
Halter, Florence Emma.....	Akron
Hamlin, Margaret Jane.....	Akron
Hammersley, Ralph, Jr.....	New York
Hattline, Chester.....	Akron
Hays, Mary Elizabeth.....	Akron
Hayes, Merlin Lewis.....	Akron
Helwig, Corinne C.....	Akron
Henry, Frew Draper.....	Akron
Herman, Edward Foster.....	Akron
Hollingsworth, Frances Mary.....	Akron
Hohn, George Harry.....	Akron
Hughes, C. Paul.....	Akron
Howes, Harold.....	Akron
James, Veryl Gladys.....	Kenmore
Jenkins, Merle Raymond.....	Akron
Johnson, Ruth E.....	Akron
Johnstone, Kermit.....	Akron
Jordan, Augustus Leopold.....	Akron
Karam, Ernest.....	Canton
Keirn, Arthur Ralph.....	Akron
Kellogg, George Edward.....	Akron
Kirn, Julia Anne.....	Akron
Killinger, Perth.....	Cuyahoga Falls
Klipstein, Edward Emil.....	Akron
Kodish, Samuel J.....	Akron
Koegel, Louise.....	Akron
Kottke, Herman E.....	Akron
Krill, Albert J.....	Akron
Krohngold, Cyril.....	Akron
Krutky, Theodore.....	Akron
Kushkin, Milton Mitchell.....	Akron
LaFollette, George.....	Akron
Lansinger, Inga Thelma.....	Akron
Levintin, Bernard.....	Palestine
Levy, J. Richard.....	Akron
Little, Daniel John.....	Akron
Longacre, Endicott.....	Akron
Lynch, Robert Franklin.....	Akron
Lyons, Charles Edward.....	Akron
McCaughey, Herrold T.....	Akron
McCord, Helen Christine.....	Akron
McFarland, J. Franklin.....	Akron
McGrath, Frances Aline.....	Akron
McNamee, Raymond Wilson.....	Akron
Mahoney, John.....	Akron
Maloney, Robert J.....	Akron
Meade, Dorothy Francine.....	Akron
Messmore, Albert C.....	Kenmore
Metzger, Frances.....	Greentown
Miller, Dorothea Faye.....	Akron
Mitchell, Merlie Mae.....	Akron
Mong, Evelyn Marguerite.....	Akron
Morris, Ara Aileen.....	Akron
Moskovitz, Jack.....	Akron
Moye, Norman G.....	Akron
Myers, Eleanor Ann.....	Akron
Myers, Ingram Calvin.....	Akron
Neutzenholzer, Margaret.....	Akron
Newton, Betty J.....	Akron
Oplinger, George William.....	Akron
O'Prey, Howard Michael.....	Akron
Paul, Edward Alfred.....	Akron
Peet, Marian R.....	Akron
Perry, Mary Ellen.....	Akron
Pesarick, Jack F.....	Akron
Player, Willie Beatrice.....	Akron
Pliskin, Reubin.....	Akron
Pliskin, Samuel.....	Akron
Pogamy, Anna Marie.....	Akron
Quine, Harry Stanford, Jr.....	Akron
Read, Ralph Delfus.....	Akron
Reed, Edith.....	Barberton
Reining, Henry, Jr.....	Akron
Renfrow, James Franklin.....	Akron
Rice, Russell Turner.....	Akron
Richards, Randolph F.....	Akron
Riise, Margarita.....	Doylestown
Roberts, G. Hassel.....	Akron
Robertson, Horace Bruce.....	Milan, Tenn.
Robertson, Lowell Emmit.....	Akron
Romweber, Robert.....	Akron
Routsen, LeRoy.....	Akron
Royer, George Lewis.....	Akron
Ruch, Lewis.....	Akron
Russell, Herman Bartels.....	Akron
Schwartz, Theodore Gerald.....	Akron
Shea, J. Whitney.....	Canada
Shibley, Grant O.....	Akron
Showalter, Guy.....	Akron

Shriber, Kenneth	Akron	Twyman, Hattie	Akron
Shulansky, Joseph	Akron	Vance, John Warren	Akron
Shuman, Elliott Heron	Akron	Van Tassell, Dorothy	Akron
Siegrist, Ward Francis	Akron	Vaughan, Meredith	Akron
Smith, Ada Elizabeth	Akron	Wassmer, Elsie Alice	Akron
Smith, Mike	Akron	Welsch, Mildred Isabelle	Akron
Sneed, John B.	Akron	Wetzel, Ralph Earl	Akron
Snyder, Ralph	Akron	Whitfield, Irene	Akron
Snyder, Rose	Akron	Wilcox, Richard Parker	Mogadore
Stover, Josephine	Akron	Williams, James Aubrey	Akron
Stump, Elizabeth B.	Akron	Williams, Irene	Akron
Sypher, Kathryn Janet	Akron	Wilson, Daisy Doris	Akron
Thompson, Mildred Bessie		Wilson, Robert	Akron
	Cuyahoga Falls	Winer, Joseph	Kenmore
Thompson, Walter L.	Akron	Winter, Margery Jane	Akron
Todd, Enoch Ray	Winslow, Ind.	Wolfe, David	Akron
Trainer, Mary Grace	Akron	Wolf, Dick Stanford	Akron
Traul, Donald M.	Akron	Zettle, Ethel Harriet	Akron
Tripp, Charles L.	Barberton		

Total 197—Men 133; Women 64

IRREGULAR STUDENTS

Brown, Mrs. Mary	Akron	McRee, William Milton	Albany, Ala.
Brown, Roy E.	Barberton	Major, Floyd	Akron
Dixon, Frederick Wallace	Akron	Martin, Westley	Akron
Fleming, Carl	Akron	Mitchell, John Leonard	Akron
Fox, Amelia	Akron	Nice, Karl Willis	Kenmore
Gadel, Joseph C.	Akron	O'Carroll, Elizabeth Grace	Akron
Gaube, Walter R.	Cleveland	Patton, Mrs. Katherine	Akron
Goodell, Mrs. Dorothea	Akron	Quillen, John James	Akron
Grigsby, Lewis Albert	Akron	Rice, Waldron A.	Akron
Haber, Mrs. Dollie	Akron	Schell, Therese A.	Akron
Herzog, Adam Jr.	R. D. Akron	Sheets, James Lewis	Pliny, W. Va.
Hungerford, Minta A.	Akron	Talley, Dwight Marshall	Akron
Kennedy, Kenneth J.	Akron	Tisdale, Chester A.	Akron
Leggett, Mortimer	Kent	Witwer, Frederick Charles	Akron
Lineberger, Ralph E.	Akron	Williams, Marion Althea	Akron
McArthur, Moral R.	Akron	Witzeman, B. Evangeline	Akron
McCafferty, Jeannette Rita	Barberton		

Total 33—Men 22; Women 11

SPECIAL STUDENTS

Bond, Robert K.	Akron	Rolik, Andrew	Akron
Botzman, Mary Dolores	Akron	Schmidt, Bruno H.	Akron
Caudill, Mildred	Akron	Engstrom, Mrs. Jeannette	Akron
Dyke, Minor Bowler	Akron	Freidhof, Louis J.	Akron
Harwick, Curtis J.	Akron	Hanson, Percy	New Richmond, Wis.
Klein, Mrs. Elizabeth	Akron	Herron, Lynn J.	Akron
Lais, Mary Ruth	Akron	Kepler, Donald A.	Akron
Niczky, Mrs. Helen	Akron	Pergrin, Jessie Gail	Akron

Total 16—Men 9; Women 7

COLLEGE OF ENGINEERING AND COMMERCE

DEPARTMENT OF ENGINEERING

- C. E.—Civil Engineering
 E. E.—Electrical Engineering
 I. E.—Industrial Engineering
 M. E.—Mechanical Engineering

SENIOR CLASS

	Course	
Albertson, Donald S.	M. E.	Cuyahoga Falls
Battles, Clare W.	M. E.	Akron
Britsch, Harold	I. E.	Akron
Brown, Ralph John	M. E.	Akron
Hampp, Paul Greenwood	I. E.	Kenmore
Hartz, Philip Leo	I. E.	Akron
Hoch, Harold Charles	C. E.	Akron
Javins, Wm. McKinley	C. E.	Akron
Limbach, Oscar C.	C. E.	Akron
MacDonald, Levi Alexander	C. E.	Point au Car, N. B., Canada
Petrie, Raymond William	C. E.	Akron
Qualters, Richard Leo	I. E.	Athol, Mass.
Sauter, Thomas H.	C. E.	Williamsport, Pa.
Scharenberg, Leonard L.	C. E.	Everett
Snyder, Richard F.	C. E.	Williamsport, Pa.
Waggoner, Charles	E. E.	Akron
Wagner, John F.	C. E.	Marshallville
Whiteman, Henry	M. E.	Akron

Total, 18 Men

JUNIOR CLASS

	Course	
Allen, Dave B.	M. E.	Akron
Arter, John B.	C. E.	Piedmont
Barbura, John	E. E.	Akron
Benson, Courtney Edward	C. E.	Royleston, Mass.
Burgan, Kenneth E.	E. E.	Cuyahoga Falls
Damon, Donald	C. E.	Gerry, New York
Driesbach, Oliver Charles	C. E.	Akron
Funk, James W.	C. E.	Akron
Greenwald, Ralph Russell	E. E.	Akron
Guillod, William C.	C. E.	Akron
Luff, W. Wayne	C. E.	Kent
Miller, Edmund Bruce	C. E.	Akron
Newhall Clifton M.	C. E.	Akron
Rockwell, Theodore F.	M. E.	Akron
Schafer, Joseph Edward	E. E.	Akron
Schmucker, Leland Leroy	C. E.	Stryker
Shaffer, Lee Jay	E. E.	Akron
Starr, Troy S.	E. E.	Gerry, New York
Tryon, Ralph C.	E. E.	Akron
Wingerter, Ralph A.	C. E.	Akron
Worthen, Samuel Keith	E. E.	Barberton

Total, 21 Men

PRE-JUNIOR CLASS

	Course	
Baker, Paul Kenneth	E. E.	Akron
Bender, John E.	M. E.	Canton
Blout, Kenneth M.	E. E.	Akron
Clark, George G.	E. E.	Akron
Dierdorf, William Elwood	C. E.	Akron
Fisher, Leland V.	M. E.	Akron
Gantt, Ed.	E. E.	Andalusia, Ala.
Gurin, Edward	E. E.	Akron
Hadfield, Robert W. M.	M. E.	Akron
Hanson, Earl	E. E.	Akron
Harter, Ray	C. E.	Akron
Hooley, Kenneth Raymond	E. E.	Wooster
Hoopes, Fred W.	E. E.	Akron
McCluer, Henry O.	M. E.	Akron
McCracken, Robert	E. E.	Cuyahoga Falls
Miller, Vernon Carl	C. E.	Orrville
Mills, Donald William	C. E.	Akron
Moseley, Harry Heber	C. E.	Orrville
Rang, Lester	E. E.	Akron
Shook, Melvin L.	E. E.	Akron
Taylor, Lloyd A.	C. E.	Akron
Viall, Carl S.	C. E.	Akron
Williams, Frank M.	C. E.	Akron
Young, Albertus Jesse	M. E.	Akron

Total, 24 Men

SOPHOMORE CLASS

	Course	
Averell, Max Wilson	E. E.	Akron
Bachtel, Alfred S.	M. E.	Akron
Ballinger, Victor H.	E. E.	Akron
Barnholth, Claude	E. E.	Akron
Best, Edwin	E. E.	Akron
Bierman, Philip W.	E. E.	Akron
Buffington, George Edward	E. E.	Akron
Burkholder, Glenn Elwood	E. E.	Smithville
Carter, Corwin H.	E. E.	Everett
Cooney, John M.	C. E.	Akron
Corvington, Jules	E. E.	France
Dietz, Frederick	C. E.	Akron
Dow, Stewart	M. E.	Akron
Eckroad, Frank E.	E. E.	Akron
Farruggia, Joseph	C. E.	Akron
Faur, Emil	E. E.	Akron
Fouse, Eugene	C. E.	Akron
Frazer, Robert Lee	M. E.	Fitzgerald, Ga.
Gilbert, Ben	C. E.	Akron
Gilbert, Harry	C. E.	Akron
Hargraves, Wesley B.	M. E.	Akron
Heinke, Carlton	C. E.	Coshocton
Hilbish, Harold	M. E.	Akron
Hodson, Clinton	C. E.	Akron
Hostetler, Victor Henry	C. E.	Amherst

REGISTER

Huff, Wm. Boyd	C. E.	Akron
Jemison, Andrew	C. E.	Akron
Kopf, Willard E.	C. E.	Akron
Koteles, Louis	E. E.	Cleveland
Lister, Nelson E.	M. E.	Canton
Marriott, Leonard	M. E.	Akron
Meech, Ralph E.	M. E.	Akron
Miletti, Louis Fred	E. E.	Akron
Neff, Louis T.	M. E.	Akron
Payne, Wallace S.	M. E.	Peninsula
Serfass, Charles R.	M. E.	Akron
Singer, Maurice	E. E.	Akron
Sisler, Glenroy Harlin	E. E.	Akron
Smith, Chester Elliott	E. E.	Somerset, Ky.
Smith, Theodore E.	M. E.	Akron
Statuta, Joseph M.	E. E.	Cleveland
Suloff, Paul D.	E. E.	Akron
Swain, Harold J.	E. E.	Barberton
Thomas-Moore, Alfred	E. E.	Akron
Tomb, Hamilton H.	C. E.	Clinton
Witherow, Wayne W.	C. E.	Akron
Willett, Robert Bruce	M. E.	Akron
Zimmerman, H. Ervin	C. E.	Akron

Total, 48 Men

FRESHMAN CLASS

	Course	
Atkinson, Edgar R.	E. E.	Akron
Baughman, Grant	E. E.	Akron
Benedict, Merland	C. E.	Medina
Benseler, William	E. E.	Akron
Bewlay, Harry M.	E. E.	Akron
Birnbaumer, George A.	E. E.	Akron
Bishop, Glenn	E. E.	Rock Creek
Broxon, Robert	M. E.	Akron
Chriepok, John	C. E.	Akron
Christman, Kermit	E. E.	Cuyahoga Falls
Cole, Frederic L.	C. E.	Akron
Cook, Richard N.	E. E.	Greenfield
Crites, Albert	C. E.	Dover
Culver, Glen B.	C. E.	Akron
Curnow, Harry T.	C. E.	Akron
Darst, Byron	C. E.	Akron
Dice, William M.	M. E.	Akron
Durant, Arthur H.	E. E.	Akron
Flener, Paul E.	E. E.	Akron
Fought, Stanley	C. E.	Painesville
Frampton, Theodore	E. E.	Akron
Freund, Karl	M. E.	Akron
Glass, Walter Ivan	E. E.	Flinton, Pa.
Hanna, Elmer	E. E.	Akron
Hansrote, Roy W.	M. E.	Akron
Haverstick, Edwin L.	C. E.	Elida
Haynes, Alden J.	M. E.	Barberton
Herr, Wilson F.	C. E.	Akron
Hite, Glenn O.	E. E.	Akron
Hoffman, Wilbur	E. E.	Akron

Krause, Floyd C.	M. E.	Akron
Kendrick, Harold W.	E. E.	Akron
Ladd, Dwight H.	E. E.	Akron
Ladrach, Roy	C. E.	New Philadelphia, Pa.
Lower, Walter A.	M. E.	Columbus
McManis, Robert Lee	M. E.	Ft. Wayne, Ind.
Major, Robert Lee	M. E.	Akron
Mancine, Joseph	M. E.	Akron
Manson, Finley J.	M. E.	Akron
Martin, Harold	C. E.	Akron
Martin, Walter	M. E.	Tallmadge
Miller, Lawrence E.	C. E.	Akron
Miller, William E.	E. E.	Akron
Moon, David	E. E.	Lineville, Ala.
Morris, Franklin H.	C. E.	Kenmore
Nasrallah, Arthur R.	E. E.	Akron
Neale, Edward A.	M. E.	Macedonia
Nikles, John F.	C. E.	Akron
Nunn, Charles L.	M. E.	Akron
Oldham, Albert	E. E.	Akron
Parrish, Walter	E. E.	Coshocton
Pfromm, Geo. L.	E. E.	Akron
Pracejus, Herbert F.	M. E.	Solon
Resseger, Paul B.	C. E.	Akron
Reynolds, Wade W.	C. E.	Elyria
Robishaw, Wallace B.	C. E.	Bedford
Scheible, J. Donald	M. E.	Auburndale, Fla.
Sheedlo, Wilfred L.	E. E.	Escanaba, Mich.
Sheperd, Darrell R.	M. E.	Portland, Ind.
Simons, Jason	M. E.	Akron
Snyder, Millard	M. E.	Akron
Sovocool, Robert J.	C. E.	Akron
Speer, Kendall	E. E.	Lowber, Pa.
Stalder, Chris	C. E.	Akron
Stanley, Vernon	M. E.	Barberton
Strole, Archie	E. E.	Akron
Suitt, Sam. R., Jr.	M. E.	Durham, N. C.
Symms, Samuel	C. E.	Peterstown, W. Va.
Tinley, Charles D.	E. E.	Edinboro, Pa.
Tolan, Harold J.	C. E.	Akron
Waite, Gordon E.	C. E.	Akron
Wehner, Marcus J.	M. E.	Akron
Williams, Paul	C. E.	Akron
Wilson, O. Wendall	E. E.	Kenmore
Wolfe, Raymond	M. E.	Akron
Woodrow, Ernest J.	C. E.	Washington, D. C.
Woodward, Wm. Brooks	E. E.	Kenmore

Total, 77 Men

IRREGULAR STUDENTS

	Course	
Dyke, Minor B.	E. E.	West Bangor, N. Y.
McCord, G. E.	C. E.	Akron
McMichael, Bryce D.	M. E.	Meadville, Pa.

Total, 3 Men

SPECIAL STUDENTS

	Course	
Arthur, Boyd	M. E.	Akron
Bucher, Kenneth Buell	E. E.	Youngstown
Cole, Lincoln L.	C. E.	Akron
Delagrang, Carl R.	E. E.	Barberton
Hartman, Edward R.	E. E.	Barberton
Hine, Leland W.	M. E.	Tallmadge
Hodder, William	M. E.	Akron
Matz, Claude A.	M. E.	Akron
Medvedeff, Nicholas S.	E. E.	Akron
Muranyi, John	M. E.	Kenmore
Myers, Russell	M. E.	Akron
Nye, Norman H.	M. E.	Akron
Talisman, Volco	C. E.	Russia
Vernon, Harry	E. E.	Akron

Total, 14 Men

COMMERCE DEPARTMENT

SENIOR CLASS

Cunningham, Cecil.....	Sutton, W. Va.	Ryan, Earl R.	Cuyahoga Falls
Cutler, James	Akron	Schoch, Joe	Akron
Dasch, Richard E.	Akron	Shinn, Herbert	Passaic, N. J.
Denison, Kenneth S.	Akron	Smith, Ralph K.	Akron
Fickes, Robert	Akron	Stewart, Thomas F.	Rockland, Me.
Hagenbaugh, Robert F.	Akron	Triplett, Earl	Akron
Lansinger, Howard	Akron	Wilkinson, Raymond	Akron
Miller, Harold L.	Cuyahoga Falls		

Total, 15 Men

JUNIOR CLASS

Dorn, Ruth M.	Akron	Russell, Mildred	Akron
Fontaine, Russell B.	Akron	Mote, Herbert	Arcanum

Total, 4—Men 2; Women 2

PRE-JUNIOR CLASS

Benn, Paul E.	Akron	Roeger, Dorothy	Akron
Bock, Fred	Akron	Seib, William	Akron
Costello, Kathryn	Akron	Semler, Helen	Akron
Elder, Guy Pearson	Millersburg	Spaght, Harold	Cuyahoga Falls
Engstrom, Esther M.	Akron	Thorp, Carl	Ravenna
Lodge, William	Cuyahoga Falls	Zahnizer, Russell M.	Akron
Rehak, Mildred	Akron		

Total, 13—Men 8; Women 5

SOPHOMORE CLASS

Alexander, Charles	Akron	Forbes, Samuel	Akron
Coe, Maurice W.	Catawba	Fulton, Charles E.	Akron
Cohen, Harry	Akron	Godlesky, Vincent, W.	Athol, Mass.
Cox, W. Herschel.....	Cuyahoga Falls	Hale, Margaret.....	Cuyahoga Falls
Crummel, Glen N.	Cuyahoga Falls	Hammond, Merle Leroy.....	
Decker, R. M.	Ostrander		Sharon Center

Helmick, Leonard M.....	Barberton	Ritchie, Wm. LeVaughn.....	Akron
Hendrix, Hubert L.....	Indianapolis, Ind.	Rose, Wm.	Akron
Knoske, Virginia.....	Cuyahoga Falls	Russell, Clarence Willard.....	Akron
Lasher, George F.	Akron	Schwab, Albert G.....	Patton, Pa.
Laughlin, Elzie G.....	Akron	Sturmi, Francis.....	Akron
Levin, Edward.....	Akron	Sturmi, Robert E.	Akron
Lodge, Edward E.....	Cuyahoga Falls	Sullivan, John P.....	Akron
McCollum, W. D.....	Akron	Templeton, Charles R.....	Akron
McFarland, George Max.....	Akron	Van Hyning, Robert C.....	Akron
Murphy, Arthur J.....	Gladstone, Mich.	Van Kirk, Budd.....	Akron
Nelson, Harold C.	Akron	Vinez, Karl F.	Akron
Olden, Morris.....	Akron	Wiseman, George E.....	Akron
Place, Frederick Andrew.....	Akron	Zuelsdorf, Ellwood M.....	Akron

Total 37—Men 34; Women 3

FRESHMAN CLASS

Ard, James W.	Aaronsburg, Pa.	Macklin, Kenneth C.....	Akron
Bandel, Samuel J.....	Akron	Mellor, Donald.....	Akron
Braley, Maxine.....	Akron	Morr, Ralph B.....	Wadsworth
Bridges, Orville H.....	Akron	Morris, Donald.....	Akron
Brigger, Earl W.....	Akron	Morris, Wesley O.....	Kenmore
Brown, Donald W.....	Kenmore	Mottinger, Claude.....	Cuyahoga Falls
Brown, Ervin James.....	Akron	Neil, James Charles.....	Youngstown
Bryant, States.....	Dyersburg, Tenn.	Olson, Walter.....	Akron
Chapin, Maurine.....	Akron	Parry, William.....	Akron
Christensen, Edna.....	Akron	Paulus, Francis Joseph.....	Akron
Cox, Orval Edward.....	Escanaba, Mich.	Phillips, Lonas D.....	Akron
Cree, Charles F.....	Akron	Read, Fayette E., Jr.....	Akron
Crum, Allen.....	Akron	Riley, John R.....	Cuyahoga Falls
Davis, John Emerson.....	Akron	Rodgers, Howard Ernest.....	Akron
Davis, Russell H.....	Akron	Rogers, David C.....	Bucyrus
Dietrick, Camillus P.....	Patton, Pa.	Roth, Griselda.....	Akron
Fain, Ellis W.....	Everett	Sahm, Claude B.....	Akron
Flynn, Michael.....	Akron	Sauvain, Fern F.....	Apple Creek
Garrett, Robert L.....	Kent	Schell, Burton W.....	Akron
Gilbride, Edward.....	Akron	Schlemmer, Robert M.....	Akron
Haaf, Edward C.....	Copley	Shumer, Oscar M.....	Akron
Harding, Clarence.....	Kenmore	Sirdefield, Violet E.....	Akron
Harper, Pauline.....	Akron	Stephenson, Francis L.....	Akron
Herrick, Earl.....	Akron	Stewart, Wayne M.....	Akron
Hitchcock, Kenneth H.....	Gerry, N. Y.	Sullivan, George W.....	Akron
Holcomb, Ernest E.....	Wadsworth	Templeton, Paul.....	Akron
Jackson, Adrien H.....	Akron	Terrell, Robert E.....	Foley, Ala.
Junkins, Emmet R.....	New Philadelphia	Tidyman, Jack D.....	Akron
Karabas, Charles.....	Akron	Wagstaff, Kenneth A.....	Akron
Kerr, Ray Willis.....	Akron	Worthen, Margaret E.....	Barberton
Lininger, D. C.....	Celina	Wuchter, Edwin.....	Akron
Little, William O.....	Akron	Zahniser, Robert E.....	Akron

Total 64—Men 56; Women 8

IRREGULAR STUDENTS

Burt, H. C.....	Akron	Schultz, Esther H.....	Akron
Hilderbrand, John L.....	Akron	Smith, John C.....	Akron
Leeper, Isadore.....	Akron	Taylor, Lawrence H.....	Akron
Reed, Roland.....	Akron	Winter, Ruble D.....	Akron

Total 8—Men 7; Women 1

REGISTER

SPECIAL STUDENTS

Birch, Harry A. _____ Akron	Hlas, John _____ Barberton
Debevec, John Jr. _____ Barberton	McGhee, J. C. _____ Dozin, Ala.
Delaney, Vincent R. _____ New York, N. Y.	Wise, Jack T. _____ Akron
	Total, 6 Men

CURTIS SCHOOL OF HOME ECONOMICS

SENIOR CLASS

Caves, Myrtle W. _____ Akron	Hubbard, Audree _____ Akron
Dannemiller, Helen E. _____ Akron	Hunsicker, Edna _____ Akron
Everhart, Helen _____ Akron	Minner, Leah _____ Akron
Glass, Wilma Pauline _____ Akron	Peck, Dorothy Gladys _____ Kent
Hencke, Louise Hall _____ Willoughby	Snook, Mary Irene _____ Cuyahoga Falls
	Total, 10 Women

JUNIOR CLASS

Baughman, Mildred _____ Akron	Hindman, Mabel _____ Akron
Converse, Grace Maria _____ Kenmore	Hunsicker, Sarah Alberta _____ Akron
Hedlund, Margaret _____ Akron	Swan, Frances _____ Akron
	Total, 6 Women

SOPHOMORE CLASS

Burr, Irma May _____ Akron	Harms, Mary _____ Akron
Cross, Winifred Lona _____ Akron	McNaughton, Jeannette _____ Akron
Dodge, Winifred _____ Fairlawn	Martin, Nelda Elizabeth _____ Akron
Frank, Helen _____ Fairlawn	
	Total, 7 Women

FRESHMAN CLASS

Baughman, Doris _____ Akron	Morse, Grace Marie _____ Akron
Ellsworth, Lila Irene _____ Hudson	Read, Janet _____ Akron
Hay, Janet Elizabeth _____ Akron	Scobie, Emma _____ West Richfield
Hoover, Elnora Marjorie _____ Akron	Weaver, Josephine _____ Akron
	Total, 8 Women

IRREGULAR STUDENTS

Crites, Marcia Eugenia _____ Akron	Hollinger, Ruth Minerva _____ Akron
	Total, 2 Women

SPECIAL STUDENTS

Deuber, Ivah _____ Akron	Kimball, Mrs. Ruth _____ Akron
Dunford, Lucile _____ Akron	
	Total, 3 Women

**TEACHERS COLLEGE
GRADUATE STUDENTS**

Bakay, Arpad	Akron
A. B., Heidelberg	
Bradford, Bertha B.	Delaware
A. B., Ohio Wesleyan	
Carey, Fern	Akron
A. B., Municipal University of Akron	
Couch, W. Robert	Akron
C. E., Municipal University of Akron	
Dunford, Esther	Akron
A. B., Municipal University of Akron	
Gregg, Margaret	Akron
A. B., Municipal University of Akron	
Hassenfue, Marjory	Akron
B. S., Municipal University of Akron	
Heckman, Esther Emery	Akron
A. B., Allegheny	
Knoske, Mildred	Cuyahoga Falls
A. B., Municipal University of Akron	
Keeler, Bertsyl O.	Akron
A. B., Municipal University of Akron	
McGraw, Ruby M.	Akron
A. B., Ohio Wesleyan University	
Sapp, Celia	Akron
A. B., Municipal University of Akron	
Schmidt, Luella S.	Akron
A. B., Municipal University of Akron	
Smith, Lula	Akron
A. B., Municipal University of Akron	
Smith, Virginia Jane	Akron
A. B., Heidelberg	

Total 15—Women 12; Men 3

SENIOR CLASS

Barnhardt, Jane S.	Akron	Morar, Margaret	Akron
Barrett, Dorothy	Akron	Palmer, Ruth	Akron
Bender, Mrs. H. I.	Akron	Pomeroy, Velma Mae.	Akron
Brubaker, Irene	Akron	Quigley, Gwendolyn	Akron
Crankshaw, Esther	Akron	Raison, Malissa	Akron
Cunningham, Lillian	Akron	Scott, John B.	Akron
Ellis, Anna	Akron	Smith, Dorothy Triplett.	Akron
Fulton, Margaret	Akron	Smith, Jean P.	Akron
Henry, Pauline	Akron	White, Richard E.	Akron
Jurgens, Leona	Akron	Wilkinson, Sara Burke.	Akron
Kuhnes, Daisy M.	Akron	Wolcott, Margaret	Akron
Miller, Helen Mae.	Akron	Young, Randall B.	Akron

Total 24—Women 20; Men 4

JUNIOR CLASS

Adams, Virginia Louise.....	Akron	Molyneux, Alice	Akron
Bailey, Catherine	Akron	Moore, Elnora	Akron
Beckwith, Katharine V.....	Akron	Powers, Emma Doolittle.....	
Blackburn, Helen	Akron		Cuyahoga Falls
Briggs, Pearl	Akron	Ralph, Horace Leo.....	Akron
Carson, Gertrude	Akron	Reece, Jane	Akron
Chenot, Helen Evelyn.....	Akron	Reynolds, Mabel Loretz.....	Akron
Conway, Ruth	Akron	Roberts, Pauline	Akron
Cooper, Lois Genevieve	Akron	Ross, Alice	Akron
Daily, Roy Thomas	Greentown	Rothschild, Frances O.....	Akron
Davidson, Dorothy M.....	Akron	Sarbey, Anne	Akron
Detting, Dorothy	Akron	Seiler, Francis B.	Akron
Hafner, Ethel	Akron	Short, Cheryl	Akron
Kregenow, Ernest	Akron	Stoley, Lenora Mary.....	Akron
Lybarger, Grace	Akron	Tapper, Rose	Akron
Marks, Eunice Oga	Akron	Wagner, Ethel	Akron
Master, Lucile Edith.....	Akron	Wargo, Frank	Akron
Medvin, Jeannette G.....	Akron	Wetzel, George	Akron
Milford, Grace Arline	Akron	Wilson, Margaret I.....	Akron
Miller, Frieda	Akron	Wolfe, Lillian	Akron

Total 39—Women 33; Men 6

SOPHOMORE CLASS

Barber, Dorothea	Akron	Lind, Pauline	Akron
Barber, Ethelyn May	Akron	Lipps, Walter Conrad.....	Akron
Barber, Fern Emma.....	Akron	Long, Robert	Akron
Baus, Mary	Akron	McCormick, Enid Dean.....	Akron
Blumenstein, Rose	Akron	McLaney, Sara Mae.....	Akron
Boylan, Lucile	Akron	Martin, Mildred	Akron
Brady, Mae Lucile	Akron	Maxwell, Iona Fay.....	Akron
Brensinger, Fern	Akron	Mendelson, Jeanette	Akron
Chambers, Auten R.	Akron	Nye, Helen	Akron
Connell, Ruth	Akron	Parr, Viola Lunetta.....	Akron
Crankshaw, Ruth Ella.....	Akron	Pembrook, Beatrice Mary..Mt. Vernon	
Crano, Rose	Akron	Price, Ruth	Akron
Davis, Edward N.....	Akron	Pritchard, Esterbell	Akron
Detting, Elizabeth	Akron	Raley, Ruth	Akron
Donovan, Sadie	Akron	Redinger, Catherine	Akron
Edwards, Mayme	Akron	Replogle, Ward	Archbold
Fairbanks, Helen A.....	Akron	Richards, Elizabeth M.	Akron
Falor, Alice	Akron	Richert, Paul	Akron
Freedman, Ann	Akron	Rimer, Philip	Kenmore
Gray, Isabel	Pekin, Ill.	Robison, Charles Ewing.....	Akron
Hackett, Elizabeth	Akron	Royce, Marcia E.	Akron
Harris, Helen Lucile	Kenmore	Schlitt, Freda E.	Akron
Hein, Hildegard.....New Ulm, Minn.		Schrank, Edna Marie	Akron
Herman, Marguerite	Akron	Shaffer, Marie Beulah	Akron
Hill, Florence	Akron	Suhadolink, L. E.	Akron
Holman, Neva	Akron	Sullivan, W. C.....	Akron
Huffman, Walter Lowell	Stryker	Thatcher, Katherine	Akron
Huston, Chalmers	Akron	VanBerg, Helen C.....	Akron
Hutchison, Wallace I.....	Akron	Vredenburg, Verena E.....	Akron
Jones, Theodore S.....	Akron	Warner, Helen	Akron
Kaiser, Elizabeth	Akron	Windisch, Eva Pauline.....Clinton	
Lambert, Thelma	Akron	Wine, Rose	Akron
Lantz, Kathryn	Akron	Wright, Earl	Akron
Lieberman, Bessie	Akron	York, Norman Bert.....	Akron

Total 68—Women 52; Men 16

FRESHMAN CLASS

Anderson, Linnea	Akron	Harding, Elizabeth Jane.....	Akron
Aubin, Cora Wilkin.....	Akron	Hardy, Esther	R. 7 Akron
Bean, Gladys	Akron	Harford, Margaret	Akron
Billow, Bernadine Mae.....	Akron	Harris, Freda Mae.....	Akron
Borgen, Marjorie	Akron	Hartman, Zenas L.....	Youngstown
Brock, Ruth Elizabeth.....	Akron	Hopkins, Carl Lawrence	Akron
Bushnell, Barbara	Akron	Hoskinson, Earl Ralph	Alexandria
Butterworth, Mary	Kenmore	Housel, Mildred	Akron
Carnahan, Leelah	Akron	Hower, M. Dorothy	Akron
Christenson, Inez	Akron	Huffman, Russell Raymond.....	Stryker
Corbin, Nelle	Indiana	Jussell, George Judson.....	Akron
Davis, Olive E.	Kenmore	Kearns, Patience	Akron
Denison, John	Akron	Kinnan, Esther	Akron
Dyer, Clarence	Akron	Krengel, Harry Mac	Akron
Fitzgerald, H. Catherine.....	W. Va.	Lattimore, Alyce Madeline.....	Akron
Gordie, Lela R.	Akron	Lebold, Ellen Lenore	Akron
Gross, Roy	Greentown	Lewis, Gwendolyn	Akron
Grubb, Edwin	Akron	Lorenz, Mae Hilda.....	Canton
Hall, Gwendolyn R.....	Akron	McShaffrey, Mary E.....	Akron
Hannah, Alice Frances	Akron	Mann, Ardath Mildred.....	Akron
Marks, Marie Marian.....	Akron	Rosenberg, Rose	Akron
Mason, Ada	W. Va.	Sapp, Dora	Akron
Mills, Marian	Barberton	Savoy, Clifford Emanuel.....	Akron
Mitchella, Ruth Ione.....	Akron	Sayre, Mildred	Akron
Morgan, Elizabeth	Akron	Schoemaker, Dorothea E.....	Akron
Myers, Edward C.	Akron	Shine, Helen	Olean, N. Y.
Olmsted, Grace	Akron	Skeese, Frank Hoover.....	Akron
Parsons, Frances E.....	Akron	Sloop, Harold	Akron
Parsons, J. Walter	Akron	Somerfelt, Myrtle	Akron
Pierson, Louise	Akron	Sullivan, Helen Janet.....	Akron
Reining, Elizabeth	Akron	Tisch, Loretta	Akron
Reiter, Alma M.....	Akron	Volk, Marie Agnes.....	Akron
Reynolds, Mildred	Akron	Wallace, Blaine Walter	Akron
Ristich, Doris	Kenmore	Waller, Hallie E.....	Akron
Ritch, Lucille Alice.....	Akron	Wells, Arland	Akron
Robertson, Vera	Akron	Williams, Vivian Mary.....	Akron
Rosenon, Jeanette Rita.....	Lynn, Mass.	Wright, Helen E.....	Akron

Total 74—Women 58; Men 16

IRREGULAR STUDENTS

Bunnell, John H.....	Akron	Ricker, Lawrence D.....	Akron
Clemenson, Edwin M.....	Akron	Roush, F. Marian.....	Akron
Cole, Winnifred	Akron	Searl, William D.....	Cuyahoga Falls
Hull, Mrs. Lois.....	Akron	Smith, Edward Leland.....	Akron
Koons, Mrs. Mabel.....	Cuyahoga Falls	Struthers, Harriette	Akron
Kilgo, Oscar B.....	Akron	Woodward, Mrs. Lucile.....	Akron
Maske, James Lester.....	Akron	Zesiger, Herbert B.....	Cuyahoga Falls
Montgomery, Edwin A.....	Akron		

Total 15—Women 6; Men 9

SPECIAL STUDENTS

Bliley, F. Charles.....	Akron	Giroux, Henry Alfred.....	Akron
Burgner, Floyd	Akron	Workman, Rhea	Akron
Daugherty, Isaiah	Akron		

Total 5—Women 1; Men 4

SUMMARY OF STUDENTS IN DAY CLASSES
BUCHTEL COLLEGE OF LIBERAL ARTS

	Men	Women	Total
Graduate Students _____	6	8	14
Seniors _____	32	24	56
Juniors _____	58	35	93
Sophomores _____	64	48	112
Freshmen _____	133	64	197
Irregulars _____	22	11	33
Specials _____	9	7	16
	<hr/> 324	<hr/> 197	<hr/> 521

COLLEGE OF ENGINEERING AND COMMERCE

	Men	Women	Total
Seniors _____	33	—	33
Juniors _____	23	2	25
Pre-Juniors _____	32	5	37
Sophomores _____	82	3	85
Freshmen _____	133	8	141
Irregulars _____	10	1	11
Specials _____	21	—	21
	<hr/> 334	<hr/> 19	<hr/> 353

CURTIS SCHOOL OF HOME ECONOMICS

	Women	Total
Seniors _____	10	10
Juniors _____	6	6
Sophomores _____	7	7
Freshmen _____	8	8
Irregulars _____	2	2
Specials _____	3	3
	<hr/> 36	<hr/> 36

TEACHERS COLLEGE

	Men	Women	Total
Graduate Students _____	3	12	15
Seniors _____	4	20	24
Juniors _____	6	33	39
Sophomores _____	16	52	68
Freshmen _____	16	58	74
Irregulars _____	9	6	15
Specials _____	4	1	5
	<hr/> 58	<hr/> 182	<hr/> 240

EVENING SESSION

Abendshine, Irene
 Ackley, Stanley
 Aitkenhead, J.
 Albers, Alta
 Albright, Edna
 Alexander, Carl
 Alexander, Maude Mae
 Alexander, Myers Reginald
 Alexander, Rosanna Blanche
 Amos, Jennie
 Anderson, Bertha Mae
 Anderson, Charles K.
 Anderson, Gordon W.
 Armstrong, Mary
 Arnold, Roscoe L.
 Ashley, Emerson Dean
 Atleson, Mollie
 Auten, Ethlyn
 Avramore, Bessie

 Bailey, Kermit
 Bakay, Arpad
 Baldwin, Dorothy May
 Baldwin, Cecile Mills
 Ballard, Bess I.
 Ballard, Florence M.
 Ballere, Richard
 Bandy, Herman Ross
 Barber, Mabel Susannah
 Barnes, Mabel A.
 Barnhardt, Jane S.
 Bartholomew, L. Raynold
 Bartlett, Leona
 Barton, Fay Thomas
 Batchelor, Grace Iola
 Bates, Ernest D.
 Bean, H. J.
 Beck, Alice Elizabeth
 Beck, Emma
 Beck, Mary Kathryn
 Becker, Harold D.
 Beechinor, Raymond J.
 Behoteguy, Mary Jean
 Bell, Catharine B.
 Bell, Gerald Robert
 Bernard, Evelyn
 Berns, Karl H.
 Berry, James A.
 Berry, Louis A.
 Bessemer, Louis
 Bey, Albert P.
 Bishop, Walter M.
 Bisson, A. F.
 Bitner, Helen B.
 Bittaker, George
 Bixby, William S.
 Black, Margaret
 Blackburn, Norris Dwight
 Blake, Hazel M.
 Blankley, Robert
 Blanquart, Gilbert V.
 Blazer, Violet
 Bloom, Hanna E.
 Bockstahler, Cora
 Boggs, Hula Paul
 Bolich, Catharine E.
 Bolton, Frank Nelson
 Bolton, Margaret Katherine
 Bond, Robert K.
 Bonsib, Vera
 Bordner, Ada E.
 Boss, Mabel
 Botimer, Earl Clement
 Bowen, Achsah M.
 Bowers, Claude
 Bower, Orpha
 Bowers, Willard Harry

 Boyer, L. G.
 Boylan, Dorothy M.
 Bradford, Bertha B.
 Bradley, Ruth Julia
 Branyan, Arthur Donavon
 Brasaemle, Frank
 Braverman, Dora Holub
 Breiding, Leonard John
 Brenner, Lillian
 Brewster, Albert J., Jr.
 Brewster, M. Marthena
 Bricker, Frances
 Britton, Carl F.
 Brittain, Lucy
 Broach, Emma
 Brockett, Warren
 Brooks, Robert J.
 Brown, Adaline G.
 Brown, Charles E.
 Brown, Elizabeth
 Brown, Francis Daniel
 Brown, Glenn L.
 Brown, Katherine
 Brouhos, Michael
 Bruederlein, Rilla
 Bruggemier, Geo.
 Bryant, Margaret A.
 Buckingham, Hesper M.
 Buckson, Andrew J.
 Bumgarner, Earl R.
 Bunker, Kenneth C.
 Bunnell, John H.
 Bunts, Helen A.
 Bunts, Nellie Mary
 Burgess, Otis E.
 Burkart, Nellie K.
 Burnham, Harrison Lee
 Butcher, C. E.
 Butler, Martha C.
 Button, Grace Aurelia

 Cable, Rena Nancy
 Caldwell, Emma Viola
 Caldwell, Eugene F.
 Caldwell, Winfield D.
 Callow, Harriet T.
 Calnon, Catherine
 Calnon, Irene
 Campbell, Edna Pearl
 Campbell Jean
 Cannon, Emma B.
 Canole, Owen
 Capps, Amy Alta
 Cardarelli, Jennie
 Carlson, John
 Carr, Herbert A.
 Carson, Helen Virginia
 Carson, Olive Guest
 Cassaday, Roger L.
 Casselberry, Jewel C.
 Cassidy, Fred G.
 Caudill, Hattie
 Caves, Myrtle
 Cervenka, Edith
 Chacey, Helen
 Chamberlain, Georgia E.
 Chamberlain, Ruth
 Chambers, Arthur
 Chapman, Myron E.
 Child, Harold R.
 Chisnell, Glenn H.
 Chittenden, Thomas A.
 Clapper, D. W.
 Clapper, Mildred
 Clark, Merle A.
 Clark, Norris P.
 Clemenson, Edwin M.

 Cleveland, B. L.
 Cleveland, Robert Denny
 Cogswell, Lydia E.
 Cohen, Harry
 Cole, Allen C.
 Cole, Edith Irene
 Cole, Grace Dewey
 Cole, Julia
 Coleman, Helen L.
 Coleman, James W.
 Collins, James E.
 Collins, W. B.
 Conklin, Mattie V.
 Constable, Mildred E.
 Cookro, Grace
 Cooley, Helen G.
 Coplen, Elizabeth
 Corbett, Edward F.
 Corbett, Elizabeth
 Corl, Helen
 Corman, Fannie
 Corman, Isadore
 Couch, Robert
 Cramer, Edna
 Cranz, Bruce E.
 Cratty, Stella E.
 Crawford, Lillian E.
 Croft, Nellie E.
 Cross, Ora
 Cross, Roy H.
 Crummel, Lula
 Culp, Vernon
 Culter, Thomas E.
 Curry, Herbert La Vere
 Curry, Mildred
 Curry, W. V.

 Dailey, Ethie H.
 Danforth, Florence M.
 Darkow, Harold
 Darling, Catherine Parr
 Darrab, Helen J.
 Dasch, Richard E.
 Daugherty, Isaiah
 Davies, Carrie L.
 Davies, Helen May
 Davis, Allan M.
 Davis, Anna E.
 Davis, Bernice
 Davis, Clara Grace
 Davis, Gertrude
 Davis, Margaret Ann
 Dawson, Ruth Florence
 Dean, Anna H.
 Decker, Donald R.
 Decker, Margaret
 DeGeorge, Benjamin
 DeLine, Helen
 DeLozier, Clifford
 Denison, Mildred
 Denison, John M.
 Derer, Gustav
 Derrig, Dorothea
 Derry, Walter H.
 Desett, Ernest A.
 DeSure, Lena
 Dettling, Genevieve
 Dewar, Eliza Jane
 Dewell, Joseph S.
 Dieckman, Florence
 Dillehay, A. J.
 Diller, Goldie M.
 Dineen, Mabel
 Dison, F. C.
 Dissinder, Roscoe
 Dittimore, James A.
 Dixon, M. B.

Dodge, Howard M.
 Donaldson, Clara R.
 Dorman, May L.
 Dorn, Ruth M.
 Douglas, Anna K.
 Douglas, Harvey Clayton
 Dreher, Glen
 Drummond, Folsom E.
 Duffy, Elizabeth M.
 Dunbar, Edith S.
 Dunbar, John Wesley
 Dunlap, Karl K.
 Dwinell, Carroll Irving
 Dyer, Clarence

Earley, Vuron T.
 Easterday, Hazel V.
 Easton, Frank Carroll
 Eckert, Clara A.
 Ecrement, Lloyd LeRoy
 Edgar, G. Harold
 Edwards, G. Mayme
 Effinger, Martha
 Ehrhardt, Florence
 Eichner, Walter M.
 Elker, LeRoy J.
 Elliott, Eimlie
 Ellsworth, Chas. K.
 Elwarner, Chester W.
 Emde, Laura Hines
 Emde, John Martin
 Emmons, Vera Jane
 Engstrom, Esther M.
 Eppstein, Henrietta
 Erspringer, Marguerite
 Ervin, Berchal
 Ervin, Lillian Gertrude
 Etling, Freda Lenore
 Etling, Nellie L.
 Etling, Ruth
 Everett, Florence J.
 Everson, Cora E.

Fackler, Mary
 Fairbanks, Edna E.
 Fairbanks, Helen A.
 Fairbanks, Russell R.
 Fasnacht Mary C.
 Feather Elizabeth
 Felber Anna M.
 Felger, William C.
 Felmly, Esther M.
 Felsted, L. F.
 Ferguson, Wellington D.
 Fetzner, Goldie
 Fiegly, Alice
 Fiers, Norma Pearl
 Filley, Lois E.
 Finney, Florence G.
 Fisher, Irl L.
 Fisher, Nellie D.
 Fitch, Winifred
 Fitzgerald, David A.
 Fitzpatrick, Julia A.
 Fladen, Henry H.
 Flaherty, J. S.
 Flanick, Graham
 Flanigan, Virginia
 Flint, Eldora H.
 Flower, Arthur H.
 Fogle, Ruth S.
 Foote, Clifford L.
 Fornecker, Frank O.
 Fornwalt, Roy G.
 Forsythe, John
 Fouse, Russell L.
 Fox, DeEtte
 Fox, Walter M.
 Frase, Alice

Frase, Mabel
 Frazier, Dorothy
 Freas, Nina Mary
 Frederick, G. H.
 Freeder, Arthur
 Freidhof, Louis J.
 French, Josephine
 Freundeman, A. J.
 Fricker, Agnes M.
 Froebe, John A.
 Frost, Alma V.
 Frost, Maria E.
 Frye, Irene
 Fuller, Belle
 Funk, Pearl Leona

Gallatin, W. C.
 Garrety, Daisy E.
 Garver, LeRoy V.
 Garver, Williard K.
 Gates, Harold J.
 Gates, Rupert S.
 Gee, James A.
 Gehri, Lillian Esther
 George, Blanche
 Gerber, Albert J.
 German, W. A.
 Gibeant, Grace
 Gibson, Margaret F.
 Gilbride, Rose
 Gilchrist, Ida Jane
 Gill, Ray Harold
 Giroux, Henry A.
 Giroux, Mayo
 Glancy, John Paul
 Glaser, Mary Julia
 Glasgow, Minnie
 Glass, Violet E.
 Glasser, Harry
 Goehring, Frank S.
 Gohr, William D.
 Goldman, Rose
 Gordon, Claire Ethel
 Gordon, Julia
 Gordon, M. Harold
 Gougler, Park
 Graham, Luella
 Graham, Wilda Tedrick
 Grant, Claudia V.
 Grant, Frank Daniel
 Graves, Olive Irene
 Griffiths, Mae Irene
 Grimm, Geo. B.
 Grimm, Mary Lea
 Grove, Helen M.
 Gudikunst, Earl G.
 Guinter, John J.
 Gujin, J. Nicholas

Haas, Harriette E.
 Haas, Lena Mary
 Haber, Dollie
 Hafner, Ethel
 Hall, Beulah
 Hall, Cadle Emmet
 Hall, C. W.
 Hall, Marjorie
 Hallinan, Dorothy Grace
 Hampp, Paul G.
 Hamrick, Fred W.
 Hancock, Helen R.
 Hanimar, Mary F.
 Hand, Evelyn
 Hanks, Jessie M.
 Hanson, Helen
 Hanson, Miriam
 Hardgrove, A. E.
 Harding, Alvin B.
 Harding, Geo. L.

Hardy, Leslie P.
 Harper, Halcyon Olin
 Harper, Robert H.
 Harrington, Robert Howard
 Harris, Mary Louise
 Harris, Robert Osborne
 Harris, Thomas LeRoy
 Hart, Mary B.
 Hauck, Laura N.
 Hawkins, Harriet
 Hays, E. Blaine
 Hecky, Elsie M.
 Heid, Marie
 Heimbrook, Charles Albert
 Heinzman, John J.
 Heisel, Eldred B.
 Heller, Melvin M.
 Heminger, Arthur L.
 Heminger, Beryl
 Hendershot, Belle B.
 Hennigan, Catharine
 Henry, Helen Kathrine
 Hensel, Edith
 Herman, Harold C.
 Herman, Marguerite
 Herrold, Thos. W.
 Herz, Marguerite
 Heskett, Paul S.
 Hess, Paul E.
 Hetrick, Arthur Charles
 Hibbard, James Loman
 Higgins, Anna V.
 Hilbish, Charles Edgar
 Hill, Clarence
 Hill, Florence E.
 Hill, Julia H.
 Hillman, Carolyn Louise
 Hillock, Amy
 Hillock, J. E.
 Hinkle, E. G.
 Hinsdale, Josephine
 Hirtleman, Adeline
 Hodges, Herman Lewis
 Hodges, Nathan E.
 Hodson, Grace M.
 Hoehne, Hildegard
 Hoffman, George
 Hoffman, Gladys Annalee
 Hoffman, Jean
 Hoffman, Leila Elliott
 Hoffman, Lela Esther
 Hoffman, Lorin J.
 Hoffman, M. L.
 Hofstetler, D. R.
 Hohman, Anna E.
 Hohman, John William
 Holcomb, Ruby May
 Hollaway, LeRoy P.
 Honeywell, A. L.
 Hood, Ida M.
 Hooker, Lorenzo H.
 Hoover, Frances
 Horning, Leone M.
 Horst, Harriet E.
 Hoskins, Rose K.
 Hosler, Mary
 Houchin, Chas. M.
 Householder, Bess
 Houser, Ross A.
 Hovey, Edmond L.
 Howler, Walter E.
 Hubbard, Audree
 Hubbard, Leo James
 Huchko, John Albert
 Huff, Merle M.
 Hull, Alice M.
 Hull, Lois Clark
 Hummel, E. H.
 Hungerford, Minta Alice
 Hunsche, Chas. W.

- Hunsicker, Carl L.
 Hunt, Sarah
 Hurley, Robert R.
 Hurd, Sarah J.
 Hurst, Robert E.
 Huston, J. Gordon
 Ickes, O. Parmer
 Imes, Earl E.
 Ink, Dorothy Leah
 Ion, Grace E.
 Irish, Vera L.
 Jackson, Helen Jean
 Jackson, Hetty F.
 Jackson, Marion
 James, Winnifred G.
 Jameson, Alice
 Jenkins, Berkley E.
 Jennings, Dorothy
 Jewell, Elsie H.
 Johnson, Anna N.
 Johnson, Charles T.
 Johnson, Clarence W.
 Johnson, Clifford S.
 Johnson, Elizabeth V.
 Johnson, Ida May
 Johnson, Lester
 Johnson, Raymond, R.
 Johnson, Walter L.
 Johnson, Winnifred M.
 Johnston, Frank D.
 Jones, Robert B.
 Jones, Rupert
 Jones, Theodore
 Justice, Bernice F.
 Jussell, Judson
 Kahn, Anne R.
 Kaiser, John A.
 Kalina, Elizabeth Agnes
 Kanagy, Celia M.
 Kauffman, Bess E.
 Kauffman, Clifford
 Kauffman, Lenore
 Kaufman, David W.
 Kaufman, Ralph
 Kaufman, Ezra E.
 Keck, Isa
 Keck, Olive
 Keefe, Avery S.
 Keeler, B. O.
 Keifer, Ruth L.
 Keirn, Paul L.
 Keirn, Winifred
 Keith, Collyn
 Kempel, Caroline B.
 Kendall, Edith
 Kern, Irvin E.
 Kibler, Ira C.
 Kick, Margaret M.
 Kilian, C. T.
 Kime, Stella
 King, Charles
 King, Katherine
 Kirkindall, Dorothy
 Kirtley, Lorin E.
 Kleckner, Marion B.
 Klein, Anna M.
 Kline, Cecil R.
 Kline, Dorothy E.
 Kline, Mary E.
 Knapp, Audrey I.
 Kniffin, Hazen
 Kobetits, Joseph R.
 Koltnow, Rose
 Koontz, Esther
 Koontz, Mary E.
 Kopf, William H.
 Kraatz, Julia J.
 Krager, Lillian G.
 Kraus, Alice B.
 Kraus, Mary
 Kreitz, Ellen
 Krueger, C. I.
 Kubach, Florence M.
 Kuenzli, Dorothy S.
 Kuhnes, Daisy M.
 Kuhnes, E. L.
 Kuntson, Beth F.
 Kuntz, U. E.
 Kyser, LaVern F.
 Laibe, M. W.
 Lantz, Kathryn
 Larson, Antoinette
 Larson, Jennie
 Latshaw, Paul F.
 Lawler, Ellen Frances
 Leas, Wilma A.
 Lecky, Alta M.
 Leeper, Isadore
 Leeper, Laura A.
 Leight, Vesta May
 Leonard, Donald E.
 Leonard, Edward E.
 Letts, Donald S.
 Levin, Edward
 Lewis, Graham H.
 Liedholm, Gustaf
 Lincoln, Mildred H.
 Lind, Norville M.
 Linn, Bertha G.
 Linstrand, Mildred
 Lizawetsky, Bessie
 Logan, Elsa
 Lonergon, William E.
 Lorie, Joseph John
 Love, Ivan R.
 Lowe, Eldreda B.
 Lowell, Marcia J.
 Lower, Daisy F.
 Lowery, Matilde
 Ludwig, Mae E.
 Lumpe, Audrey Mae
 Lund, Jean
 Lympany, Charles R.
 Lyons, Charles Edward
 Lyons, Emma H.
 MacEwen, Joseph A.
 MacIntosh, Harry E.
 MacKinnon, John G.
 Maier, Bertha L.
 Manrod, William E.
 Manziona, Ruth
 Mapes, W. M.
 Mardorff, Sarah Ellen
 Marlin, Edith Jane
 Marrow, Anna L.
 Marsh, Marian J.
 Marshall, Donald F.
 Marshall, Franklin P.
 Martin, Julia
 Martin, Ned
 Martin, Rose E.
 Mase, Archie
 Mason, Anita L.
 Mason, Ruth
 Mathauer, Edmund G.
 Matley, Robert B.
 Matson, Howard V.
 Mauser, David
 Maxham, Laura V.
 McAcy, Helen K.
 McArtor, Alice N.
 McBride, Betty K.
 McCally, Ruth M.
 McCance, Jessie
 McCarthy, Mary
 McChesney, J. M.
 McClenathen, Robert
 McClure, Thomas
 McCobb, Herbert H.
 McCormick, Mary E.
 McCoy, Foster L.
 McDermott, Baker H.
 McDermott, Charles
 McDonough, Pearl
 McDougal, John T.
 McDowell, Anna E.
 McDowell, Kelton W.
 McFadden, Marion B.
 McFarlin, Edna
 McGill, Donald
 McGraw, Ruby M.
 McGuire, Grace A.
 McKelvey, Augusta B.
 McKeown, Helen L.
 McLaughlin, George W.
 McLean, Sam D.
 McMahan, Katherine
 McNeil, Ruth
 McQuie, Fannie
 Mearig, J. F.
 Mears, Charles
 Meech, Clyde M.
 Meier, Ruth
 Meltzer, Louis
 Mercer, Helen D.
 Merritt, Altha G.
 Merryweather, Clyde
 Merton, Elmer J.
 Metz, Mildred
 Metzger, C. Harold
 Metzger, Mary
 Meye, Gertrude
 Michaels, Edgar W.
 Michaels, Marie
 Michael, Veda
 Millar, Marguerite
 Miller, B. Sidney
 Miller, Claude R.
 Miller, Edmund Bruce
 Miller, Ferne A.
 Miller, Frank B.
 Miller, Helen M.
 Miller, Leon P.
 Miller, Marie E.
 Miller, Ralph W.
 Mills, Kathleen
 Mills, Marian
 Milonas, Harry G.
 Minium, Charles E.
 Mitchan, Louise M.
 Mitchelson, Clayton E.
 Mitchell, Merlie Mae
 Mohler, Allen R.
 Moies, Eleanor E.
 Molyneux, Alice
 Mong, Rebecca J.
 Montgomery, Chas. E.
 Montgomery, Edwin A.
 Moon, David W.
 Mooney, Sara M.
 Moore, Alice
 Moore, Bess
 Moore, Claude A.
 Moore, Ethel A.
 Moore, Florence D.
 Moore, Maude Eunice
 Moore, Ruth
 Morar, Margaret
 Morgan, Herbert W.
 Morgenroth, Jeannette
 Morris, Vera I.
 Morrison, Janet
 Morton, Seraph
 Mosholder, Rose
 Mulligan, Jack
 Munn, William C.

- Munnell, Clara
 Murgul, Milo
 Murgul, Paul
 Murphy, Loren A.
 Murphy, Paul M.
 Myers, Donald Herman
 Myers, Esther I.
 Myers, Mary E.
 Myers, Ralph J.
 Myers, Ruth M.
 Mytholar, Raymond W.
 Naido, Joseph J.
 Nathanson, Mary Belle
 Naumer, Lora Irene
 Neiswanger, Ruth E.
 Newell, Villa C.
 Newhouse, Rufus F.
 Nicholas, Edward
 Nichols, Dora P.
 Nichols, Martha
 Noakes, Levi C.
 Noel, Adelaide
 Noel, Frances C.
 Noel, Marion
 Northy, Gertrude M.
 Obermeier, Teresa
 O'Day, Lenore
 Ogier, Lois M.
 Ogier, John A.
 Olin, Grace G.
 Olmsted, Bernice
 Omansky, Sara
 Orr, Marcus O.
 Orr, Muriel W.
 Osterman, Frank J.
 Pack, Isabel K.
 Pack, Mabel
 Packard, Russell L.
 Palmer, Ruth J.
 Parker, Anna F.
 Parker, Harriet J.
 Parker, Marilla
 Parks, Charles W.
 Parsons, Frances E.
 Paul, Herbert G.
 Pearce, W. J.
 Pease, Blanche Mae
 Pees, Mahala J.
 Pelfrey, William O.
 Pelton, Eloda
 Pemberton, Letha Z.
 Pence, Fanny E.
 Penrose, Weltha A.
 Perry, Elzie L.
 Peterson, Eva M.
 Pfaff, Rhea
 Pfantz, John B.
 Pfarr, Francis M.
 Phelps, Jessie
 Piatt, Guilford
 Pierce, Estella G.
 Piper, Bertha M.
 Pittenger, Martha J.
 Plane, Mary M.
 Plant, Leland H.
 Pleasants, Elizabeth K.
 Points, Florence
 Pomeroy, Norman
 Pope, Louise
 Porter, Dorothea K.
 Porter, Florence C.
 Porter, Orland Albert
 Ports, Ruth
 Post, Nellie B.
 Potshner, Stella L.
 Potter, Irene D.
 Potts, Monica D.
 Poulter, Harold M.
 Powell, Burton W.
 Powell, Claude
 Powell, Dorothy
 Powles, Clair L.
 Pratt, Mabel I.
 Pressler, William F.
 Pribble, Carl W.
 Pribble, John A.
 Price, Nellie E.
 Price, Ralph E.
 Proctor, Janet M.
 Pryor, Carl A.
 Pullekins, Anthony
 Purdy, Lottie M.
 Pusateri, Mary A.
 Pyers, Ben F.
 Pyers, Bessie
 Pyle, Forrest J.
 Quaintance, Elsie I.
 Quillen, John James
 Rabe, Glenna Maude
 Rachita, Alexander
 Ralph, Horace L.
 Randall, Lucetta
 Rasor, Gladys Elizabeth
 Rasor, Ralph E.
 Raub, Susie
 Read, Barclay K.
 Reading, Donald E.
 Ream, William J.
 Reaven, Shirley
 Redinger, Catherine J.
 Reed, Mary B.
 Reed, Olive D.
 Reed, Ray L.
 Reeves, Lula B.
 Reid, Edith M.
 Reilly, Emeline
 Reiter, Harold F.
 Reusing, Russell A.
 Reyman, Charles Jr.
 Reyman, Joseph A.
 Rich, Carl Albert
 Richt, Goebel D.
 Rigby, James Harold
 Ritch, Lucille C.
 Ritzman, A. R.
 Ritzman, Ernest E.
 Roberts, Mildred
 Roberts, Pauline
 Robinson, Margaret
 Rockwell, Bennett M.
 Rodden, Catherine N.
 Rodges, Margaret
 Roeger, Glen W.
 Roetzel, Ruth L.
 Rogers, David C.
 Rogers, Garland J.
 Rogers, Mildred S.
 Roming, Lucreta B.
 Roose, Robert L.
 Rosenthal, Benjamin
 Ross, Alice
 Roth, Cordelia
 Roush, Fay M.
 Ruch, Ray W.
 Ruedi, John C.
 Rumbaugh, Lillie F.
 Rumsy, Rebecca
 Ruth, Karl P.
 Sacks, Bessie Lillian
 Sahn, Claude B.
 Salber, Olive M.
 Samson, Louis
 Sanderson, J. Ruth
 Sanderson, Margaret
 Santrock, Nora
 Sapp, Bertha
 Sapp, Celia
 Sarbey, Anne S.
 Sargent, Howard A.
 Sarlson, Mary
 Schaefer, Grace E.
 Schaefer, Lucy I.
 Schaenzlin, Ruth E.
 Schaffer, Geraldine Agnes
 Schieb, Charles E.
 Schlager, Katherine
 Schlitt, Freda E.
 Schmidt, Luella S.
 Schneider, Henry
 Scholes, Hazel Irene
 Schopke, Eleanore A.
 Schroeder, Rosa W.
 Schrop, Edwin I.
 Schulman, Lillian
 Schwalb, Jeanette
 Schwab, Walter J.
 Schwem, Mabel H.
 Schwendeman, Agnes
 Schwinn, Beulah H.
 Schwinn, E. A.
 Scollord, Margaret
 Scott, John B.
 Scott, Winfield
 Seib, William A.
 Selby, Florence P.
 Sellers, Hazel
 Settlers, Orval E.
 Settle, Edwin C.
 Seymour, Ruth W.
 Shaeffer, Clifton R.
 Shafer, Elsa K.
 Shafer, Emiline Mae
 Shafer, Ralph N.
 Shaffer, Myron T.
 Shank, Dorothy D.
 Shank, Helen
 Shannon, Lula S.
 Sharpe, Nelle C.
 Shaw, Henry K.
 Shaw, Perry
 Shea, J. Whitney
 Sherbondy, Arthur L.
 Shidaker, Hazel
 Shields, Edith F.
 Shiffette, Nan G.
 Shook, Iva
 Shook, M. A.
 Shorder, Donna E.
 Showalter, Frank G.
 Showalter, Margaret G.
 Shreiner, Ruth
 Shull, Shirley W.
 Shuman, Mary
 Siders, Lula F.
 Sillito, Lucile
 Sills, Evelyn
 Simmons, Dorothy
 Simpson, Anna
 Simpson, Harry G.
 Simpson, Mary L.
 Simpson, M. E.
 Sinclair, Charles B.
 Singer, Beatrice
 Skaer, Blanche A.
 Skeels, C. O.
 Smalley, James C.
 Smiley, Dorothy
 Smith, Carleton F.
 Smith, Charles A.
 Smith, Cora Davis
 Smith, Dorothy
 Smith, Florence M.
 Smith, Harold F.
 Smith, Harrison
 Smith, Harry A.
 Smith, J. K.

Smith, Jessie G.
 Smith, Jennie M.
 Smith, Katherine E.
 Smith, Lula I.
 Smith, M. Wave
 Smith, William A.
 Smoyer, Harold
 Smoyer, Nellie L.
 Smoyer, Pearl M.
 Sncarlne, Albert J.
 Snyder, Beatrice R.
 Snyder, Clark M.
 Snyder, Ella
 Snyder, Mildred M.
 Snyder, Nellie M.
 Snyder, Paul J.
 Snyder, Russell F.
 Sotherland, Edith B.
 Spafford, Beryl
 Spaid, Paul L.
 Spangler, Albert J.
 Spanton, Margaret Anne
 Sparhawk, Evelyn L.
 Speicher, Joseph Louis
 Spengler, Harold H.
 Spidel, John J.
 Spos, Margaret
 Spriggel, Margaret L.
 Spuller, Josephine Minnie
 Staacke, Charles W.
 Staacke, Grace Harriet
 Stahl, Carl E.
 Stair, B. F.
 Stakley, Daniel D.
 Stall, Blanche S.
 Stanger, Rose M.
 Stanson, S. D.
 Staples, Harry
 Starr, Ethel M.
 Stebner, Emmens E.
 Steckhan, Charlotte E.
 Steckhan, R. Bertha
 Steel, Frank E.
 Steigner, Ora M.
 Stein, Elizabeth C.
 Steiner, Homer J.
 Stephens, J. Griggs
 Stevens, Oliver L.
 Stewart, Jas. L.
 Stingel, Minnie R.
 Stoley, Lenora
 Stone, Clare L.
 Stone, Goldie Mae
 Stoner, Frank O.
 Storts, Adaline Maria
 Stotler, Ernest Ray
 Streby, Lowell B.
 Strickler, John R.
 Strobel, Lloyd E.
 Struthers, Aileen
 Stubbs, Byron R.
 Stump, Kathryn L.
 Suhadolink, Lawrence
 Sullivan, Anna L.
 Sullivan, Ellen F.
 Sullivan, Elyn
 Sullivan, Katherine
 Sullivan, Nora E.
 Sumner, M. A.
 Suschik, E. G.
 Sutherland, Ida B.
 Sutton, C. A.
 Sutton, M. Claude
 Swainhart, Vida
 Swaney, Violet
 Swartz, J. H.

Sweeney, Eugene F.
 Sweet, Naomi
 Sweitzer, Samuel
 Switzer, Charles C.
 Switzer, Happy M.

Tatch, Bernard
 Test, J. A.
 Theakston, Angie
 Thee, W. Ellsworth
 Thesing, Ann M.
 Thomas, Maynard
 Thomas, Mildred
 Thompson, Dorothy
 Thompson, Herschel D.
 Thompson, Walter L.
 Thourot, Mary Grace
 Tidball, Bernice E.
 Timmis, Kathryn
 Timmons, Ethel
 Tolan, R. M.
 Toland, Ethel
 Toth, Charles
 Trainer, Mary Grace
 Trainor, Laura P.
 Traverso, Josephine
 Trenner, Anna R.
 Trew, Bessie Duff
 Trimble, Gilbert K.
 Triplett, Earl D.
 Trotman, Bruce G.
 Tsaloff, N. M.
 Tubaugh, Dorothy
 Tubaugh, Marie
 Tucker, Maurice J.
 Tunnell, LeRoy
 Turnbull, Thomas R.
 Turner, Lewis Clark
 Tuttle, Frank K.
 Tyree, Aubrey

Ulrick, Al J.
 Upstill, Helen

Valsing, Anna N.
 VanHorn, Pluma R.
 VanOver, Harry E.
 Veon, Mamie
 Vermilya, James H.
 Vida, Esther S.
 Viehdorfer, Maude E.
 Vincent, Clarence H.
 Vinez, Karl F.
 Vollmer, Helen

Wachter, Rose
 Wagner, Anna M.
 Walcott, Fannie
 Waldsmith, Dorothy Q.
 Wallace, George
 Walsh, Josephine
 Waltz, Ruth G.
 Warner, Florentina
 Warren, Richard F.
 Watson, Lawrence B.
 Watt, George A.
 Waxman, Louis
 Weaver, Elizabeth M.
 Weaver, Homer H.
 Weekes, Olive
 Weiler, Joseph F.
 Weiss, Ella
 Wells, Horace F.
 Wells, Joan
 Wells, Ruth M.
 Welty, Frances

Wendell, Hazel B.
 Werling, Clarence M.
 Werner, Claire
 Werstler, Leonard LeRoy
 Werstler, Mildred
 West, Cora F.
 Weston, Evelyn G.
 Wetzel, Geo. E.
 Weyland, E. E.
 Wheeler, Esther
 While, Thomas G.
 Whitbeck, Hortense
 White, John C.
 White, Marye E.
 Wiener, Lenore
 Wilcox, Alyce S.
 Wilkinson, Ruth
 Willard, Martha
 Williams, Carl O.
 Williams, Cora E.
 Williams, Luella F.
 Williams, Margaret
 Williams, Norma F.
 Williams, Reed
 Williams, Thomas A.
 Wilson, Elizabeth B.
 Wilson, Ethel L.
 Wilson, Florence
 Wilson, Grace A.
 Wilson, Margaret I.
 Wilson, Ross A.
 Winter, Fern
 Wise, Mabel
 Wiseman, Evelyn
 Wiseman, Mae
 Witner, Joseph D.
 Witthoett, Dorothy S.
 Witzberger, Clarence
 Witzeman, B. Evangeline
 Wolcott, Margaret M.
 Woelagel, John C.
 Wolf, Elmer F.
 Wolfe, Wesley H.
 Wood, Bertha A.
 Wood, Thomas B.
 Woods, Alice C.
 Woodward, Alva W.
 Woodward, Lena
 Woodward, Lucile
 Wozzley, Florence L.
 Worrall, Mary E.
 Worron, Richard
 Worth, Grace Marie
 Wortley, Marjorie
 Wright, Louise J.
 Wright, Margaret
 Wyant, Margaret Fay

Yahl, Margaret W.
 Yahner, Clare C.
 Yerrick, Helen L.
 Yoder, Nelle F.
 Yonally, Catherine E.
 Young, Cora Clare
 Young, Ethel M.
 Young, James W.
 Young, Margaret M.

Zaiser, Lloyd W.
 Zeis, Mary
 Zickefoose, Cecil H.
 Zimmerman, John Henry
 Zinkan, Mildred M.
 Zook, Burton
 Zook, David B.
 Zook, Samuel E.

Total 1156—Men 527; Women 629
 (153 registered in day sessions)

SUMMER SCHOOL 1925

- Albright, Edna Werley
Anderson, Bertha Mae
Arbogast, Doris Margaret
Ashburn, Glenn
Auten, Emery C.
- Barbian, Homer
Barnhardt, Jane S.
Barnholth, Thelma
Barrett, Dorothy Louise
Barton, Adelaide Maude
Batchelor, Grace S.
Bauschard, Ethel
Berndt, Leah Genevieve
Bialostoki, Saul
Blackburn, Helen
Boesche, Margaret
Boss, Mabel
Bradley, Ruth Julia
Braverman, Dora
Briggs, Vivian
Brown, George
Brown, Grace
Brown, Ruth Calvin
Buchtel, Leila Riblett
Bunnell, John
Burke, Florence Virginia
Burrell, Esther Shirley
- Cable, Rena Nancy
Campbell, Jean
Campbell, Martha
Carleton, Clayton
Carson, Gertrude
Caves, Myrtle
Chalfant, Gladys
Chambers, Auten
Chenot, Helen
Clapper, Daniel
Clapper, Mildred
Clark, Sara
Cline, Marguerite
Cockrell, Helen
Coleman, Hubert
Conger, Elizabeth
Conley, Frank
Constiner, Miriam
Cook, Adrial
Corbett, William
Cowles, Frances
Cramer, Edna
Crano, Rose Martha
- Daily, Ethie
Danforth, Florence
Daniel, Nancy
Dannemiller, Helen
Davidson, Dorothy
Day, Gertrude
Derer, Gustav
Derrig, Dorothea
Dice, Dorothea
Dieckman, Florence
Dillehay, J. Albert
Diller, Goldie
Doyle, Harriet
Duffield, Wilma
- Earle, Grace
Ecrement, Lloyd
Egbert, Viola June
Ehrhardt, Florence
Ellis, Anna
Emde, John
Ervin, Berchal
- Farlin, Elizabeth
Felber, Anna
Fogle, Ruth
Fraser, Alice
Fraser, Mabel
Froebe, John
Frye, Irene
- Garn, Imogene
Glanville, Olive
Graham, Bruce
Grant, Claudia
Grant, Cornelia
Griffith, Helen
Grow, Buel
Gundlach, Caroline
- Hafner, Ethel
Hallenbeck, Martha
Hammond, Bessie
Hamon, Gordon
Hancock, Helen
Hansen, Christian
Harper, Dora
Harper, Halcyon
Hart, Mary
Harwick, Curtis
Hassenflue, Dorothy
Hassenflue, Marjory
Hassenflue, Mary Jane
Hatch, Abbie
Hatch, Vera
Havre, Sylvia
Hayes, Merlin
Haymaker, Nellie
Heckart, Mary
Henry, Pauline
Hert, Fanny
Heskett, Harrison
Heskett, Katharine
Hess, Mildred
Hewlett, Lucille
Hill, Elisabeth
Hill, Florence
Hill, Italia
Hillock, Amy
Hirleman, Grace
Hodges, Nathan
Hoffman, George
Hoffman, Lela
Hollinger, Ruth
Holloway, Jeanette
Hoover, Aimee
Hoover, Beatrice
Horning, Leone
Hosler, Mary
Hostetler, Kathleen
Hoyt, Pearl Ethel
Hunsberger, George
- Imbric, Edna
Inks, Reva Elenor
Ion, Grace
- Jackson, Carola
Jaynes, LaVerne
Jennings, Dorothy
Johnston, Esther
Julien, Marian
- Kaiser, Elizabeth
Keach, John
Keenan, Rhoda
Keirn, Winifred
Kilburn, Ruth
Klahre, Ethel
- Kleckner, Marian
Kline, Mary Ellen
Knott, Pearl Evelyn
Kreiter, Samuel
Kuhnes, Daisy Melvin
- Lambert, Florence
Lang, Geraldine
Langerman, Anna
Lansinger, Howard
Lansinger, Inga
Laumann, Paul
Lehmiller, Karl
Leonhard, Gladys
Liberman, Bessie
Liedholm, Gustaf
Lind, Pauline
Linton, Margaret
Littman, Harry
London, Clair
Loomis, Lon Ford
Lybarger, Grace
Lyman, Richard
Lytle, Belle
- MacKinnon, Annie L.
MacKinnon, John
McAcy, Helen
McArthur, Moral
McCobb, Herbert
McCormick, Mary
McDonald, Rose Ellen
McDonough, Pearl
McDowell, Anna
McDowell, George
McFarlin, Edna
McMiller, Adeline
McVicker, Zola
Manelik, Harriet
Marks, Eunice
Martin, Jene
Martin, Julia
Mason, Kenneth
Matson, Howard
Mattingly, Ruth
Mead, Irene
Mercer, Helen
Merlitti, Luigi
Meyer, August
Miller, Frank
Miller, Freeda
Miller, Harriet
Miller, Helen
Miller, Margaret
Miller, Marie
Miller, Nellie
Miller, Sidney
Molyneux, Alice
Mong, Harold
Moore, Alice
Moore, Susan
Morar, Margaret
Morgenroth, Myron
Morris, Vera
Morrow, Anna
Motmiller, Neva
Mourer, Kathryn
Myers, Mary
- Newman, A. P.
Noble, Nelle
- Ogier, Lois
Olmsted, Bernice
Olmsted, Eleanor
Orin, Pauline
Otto, Russell G.

Packard, Russell
 Parker, Marilla
 Pflueger, George
 Pierce, Estella
 Potzchner, Stella
 Powers, Emma
 Pyers, Bessie

Ream, Madeleine
 Redinger, Catherine
 Reece, Jane
 Reed, Ruth
 Reemsnyder, Eva
 Riedinger, Mabel
 Ritch, Angela
 Roberts, Mildred
 Roll, Helen
 Roose, Robert
 Ross, Alice
 Ross, Mary
 Rothschild, Frances
 Roush, Marian
 Russell, Lillian
 Russell, Otto

Saal, Mary Elizabeth
 Santrock, Nora
 Sapp, Bertha
 Sapp, Celia
 Schaenzlin, Ruth
 Schmidt, Bruno
 Schmidt, Luella
 Schnee, Mary
 Scollard, Margaret
 Searles, Libbie
 Selby, Florence
 Sellers, O. E.
 Shade, Elta
 Shaeffer, Clifton
 Shafer, Elsa

Shafer, Ralph
 Sharp, Elsie
 Sheets, James
 Sherman, Harriet
 Shinn, Herbert
 Shively, Martha
 Shugert, Helen
 Shugert, Kathryn
 Sillito, Lucile
 Simmons, Dorothy
 Simons, Elizabeth
 Simpson, William
 Singer, Beatrice
 Smeets, Adah
 Smith, Edward
 Smith, Jean
 Smith, Ralph
 Smith, William
 Snearline, Albert
 Snyder, Clark
 Snyder, Ernest
 Snyder, Marie
 Snyder, Nellie
 Somers, Gertrude
 Spanton, Margaret
 Sparhawk, Evelyn
 Spessard, Carl
 Stall, Margaret
 Starr, Ethel
 Steese, Dorothy
 Stein, Elizabeth
 Stetler, Lucille
 Stockert, Ida Clay
 Suschik, E. G.

Thomas, Alma
 Thomas, Esmond
 Thompson, Dorothy
 Tidball, Bernice
 Tobin, Katherine

Trainor, Laura
 Trew, Bessie
 Trottmann, B. G.
 Tubaug, Marie
 Turner, Queen Marie

Ulmer, Franklin Davis

Valsing, Anna
 VanHorn, Pluma
 Vollmer, Helen

Wachter, Rose
 Wade, Franklin
 Waldsmith, Dorothy Quinlin
 Wargo, Frank
 Welch, Mattie
 Wentz, Edward
 Wertz, Margaret
 Whalen, Louise
 White, Richard
 White, Ruth
 Williams, Laura
 Wilson, Ethel
 Wilson, Margaret
 Wilson, Ralph
 Wilt, Olive
 Windisch, Eva
 Whitthoeft, Dorothy
 Wolcott, Margaret
 Wood, Thomas
 Wright, Mary
 Wyant, Margaret

Yonally, Estella

Zeis, Mary
 Zimmerman, Paul
 Zook, David

Total 325—Men 88; Women 237
 (76 registered in other sessions)

SUMMARY OF ALL STUDENTS IN THE UNIVERSITY

	Men	Women	Total
Graduate Students _____	9	20	29
Seniors _____	69	54	123
Juniors _____	87	76	163
Pre-Juniors _____	32	5	37
Sophomores _____	162	110	272
Freshmen _____	282	138	420
Irregulars _____	41	20	61
Specials _____	33	11	44
<hr/>			
Total in Day Classes _____	715	434	1149
Total Evening Session _____			1156
Total Summer Session, 1925 _____			325
<hr/>			
			1481
Less duplicates _____			229
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			1252
Enrolled in Extension Classes _____ (held off the campus)			37
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Total net enrollment _____			2438
Total net enrollment, reduced to full-time student basis, evaluating five part-time students as equi- valent to one full-time student _____			1407

DEGREES CONFERRED JUNE 16, 1925

BACHELOR OF ARTS

Ruth Virginia Ackley	Akron
George Russell Auten	Akron
Charles Sumner Benedict	Westbury, L. I.
Estelle Elizabeth Blake	Akron
Ada Ellen Bordner	Akron
Ruth Blanche Brown	Akron
Harold Lothman Buehl	Akron
Clara Lucille Fern Carey	Akron
Agnes Rose Childs	Akron
Harding Simon Christ	Akron
Ralph F. Dickerhoof	Akron
Gilbert William Dille	Akron
Esther B. Dunford	Akron
Theodore Phillip Eberhard	Akron
Margaret Florence Fanning	Akron
Mary Elizabeth Farlin	Akron
Robert Fynn	Akron
Marion Galehouse	Akron
Margaret Helen Gregg	Akron
Evelyn Josephine Hoss	Akron
Hayes Ray Jenkins	Akron
Bertsyl O. Keeler	Lynchburg
Walter Farnham Krotzer	Dunmore, Pa.
Gladys Elizabeth Leonhard	Akron
Merwin Barnett Lilliedale	Akron
Regina Agnes McShaffrey	Akron
James William Matz	Akron
Nellie Miller	Uniontown
Harold Stanley Mong	Akron
Fred Moskovitz	Akron
Helen Esther Nieman	Akron
Dennis William Palmquist	Akron
Winifred Mary Paul	Akron
Nola Martha Pfeifle	Akron
Ruth Ports	Akron
Selma Barber Reichenstein	Akron
Robert Hall Rimer	Kenmore
Mildred H. Roberts	Akron
Celia Sapp	Akron
Luella S. Schmidt	Akron
Amelia K. Smith	Clinton
Lula Henrietta Smith	Akron
Clair Everett Stilwell	Akron
Carl Marshall Stump	Akron
*Harry Hall Thomas	New York
Newport Hughes Walker	East Akron
Ruth Gertrude Waltz	Akron
Alton Revoe Wells	Akron
Ruth Warne White	Akron
Theodore Martin Williams	Akron
Rebecca Howard Wilson	Akron

*In Combination Arts-Law Course with Ohio State University. 51

BACHELOR OF SCIENCE

Deming Elmon Baker	Akron
Frank Harrison Carman	Barberton
Lola Fish	Akron
Harold Maynard Groom	Conway, Iowa
Marjory Hassenflue	Akron
Morris Kalmon	New London, Conn.
Adib Karam	Canton
States Donald McCoy	Akron
John F. Purdy	Akron
Joshua C. Shaffer	Leipsic
Homer Zelle Thorn	Akron

MASTER OF ARTS

Edith Grace Cray	Akron
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COLLEGE OF ENGINEERING AND COMMERCE

CIVIL ENGINEER

William D. Clendenin	Kenmore
William John Glass	Akron
Eugene Joseph Salber	Akron
James A. Thierry, Jr.	Akron
Ralph M. Van Brimmer	Delaware

ELECTRICAL ENGINEER

Ralph Fenimore Cooper	Akron
Ross E. Wilson	Akron

MECHANICAL ENGINEER

Lester Martin Cole	Akron
Ferris Theodore Harrington	Akron
Dwight L. Moody	Akron

BACHELOR OF SCIENCE IN MANUFACTURING PRODUCTION

Pearl R. Vanica	Akron
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BACHELOR OF SCIENCE IN COMMERCE AND ADMINISTRATION

Dorothy H. Cadden	Akron
Harold Charles Colley	Akron
William Frederick Firick	Akron
Walter Henry Hayden	Akron
John Edward Hutchison	Akron
Earl Chester Pfeifle	Akron
Byron William Stilwell	Akron

CURTIS SCHOOL OF HOME ECONOMICS

BACHELOR OF SCIENCE IN HOME ECONOMICS

Harriett Elizabeth Bachtel	Akron
Elizabeth Gerhard Baldwin	Erie, Pa.
Mary Belden	Akron
Genevieve Caroline Dettling	Akron
Vivienne Jeannette Dettling	Akron
Helen Agnes Hanson	Akron
Jessie Anna Rhoades	East Akron
Kathryn S. Teeple	Akron
Mary Elizabeth Zerbe	Akron

TEACHERS COLLEGE
BACHELOR OF EDUCATION

Hazel Ruth Austin	Akron
M. Alene Blackburn	Akron
Adrial Vernon Cook	Akron
Ralph Lee Corl	Uniontown
Helen May Davies	Cuyahoga Falls
Gustav Derer	Akron
Dorothea M. Derrig	Akron
Charles Luther Dimmette	Akron
Eulalia Frampton	Akron
Clara M. Frank	Barberton
Robert Fynn	Akron
Grace M. Gille	Akron
Irene Mae Griffiths	Akron
Lois Jeanette Hayes	Akron
Bertha H. Heiss	Medina
Harriet Spalding Hipkins	Akron
Lela Esther Hoffman	Akron
Edna Mae Jones	Akron
Ethel Lenore Krager	Akron
Rose Mary Kraus	Akron
John Frederick Mearig	Akron
Frank B. Miller	Akron
Ruth Elizabeth Neiswanger	Akron
Mareta H. Newbauer	Akron
Gahnelle Shaffer Randall	Akron
Ann Kathryn Raynow	Akron
Eunice Henrietta Reed	Pomeroy
Robert Hall Rimer	Kenmore
Ruth I. Scherbarth	Akron
Leona E. Smith	Akron
Catharine Snyder	Akron
Radna L. Staver	Akron
Elizabeth Clark Stein	Akron
Alberta Elizabeth Waltz	Wadsworth
Lois Arline Waltz	Akron
Paul Herbert Wentink	Akron
Margaret E. Zink	Akron

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MASTER OF ARTS IN EDUCATION

Charles Perle Bowdle	Akron
Ruth Blanche Brown	Akron
Alice Lacy Green	Akron
Kathleen Marie Masterson	Akron
Beulah Teeple Shale	Akron
John L. Suloff	Akron
Alice Griffin Tucker	Akron
Gladys Waldkirch	Akron

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MASTER OF SCIENCE IN EDUCATION

Eloise York Braley	Akron
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MASTER OF EDUCATION

Winona Hemphill	Barberton
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1925 ASSEMBLY SPEAKERS

January 9	Mr. H. S. Firestone, "How to Get Ahead".
January 23	Mr. L. E. Armstrong, representing the Bureau of Commercial Economics, at Washington, D. C.
February 13	Major General Rhodes, "The Spa Parley".
February 27	Dean Frank C. Lockwood, University of Arizona, on "Student Life at Oxford".
March 6	Professor H. V. Egbert, "The Solar System".
March 20	Miss Elizabeth Bredin representing the Student Friendship Fund.
April 17	Mayor D. C. Rybolt, "The Centennial".
April 24	Mr. Edwin D. Brouse, Attorney, "Akron in the Early Days".
June 16	Dr. George F. Zook, Assistant to the U. S. Commissioner of Education, "The University and the People".
October 2	Mayor D. C. Rybolt, "The Students' Responsibility at the University of Akron".
October 9	President C. F. Thwing, President Emeritus, Western Reserve University, "Ideals".
October 16	Conrad Van Hyning '22, "Hawaii".
October 30	Col. Thomas E. Merrill, Fort Hayes, Columbus. Col. Charles M. Piper, Reserve Officers Corps of Akron.
November 5	Joseph Thomas, Old Ironsides Corps. Judge Boylan, "Good Citizenship."
November 12	Rev. W. H. Huber, "Brotherhood".
November 19	Prof. George L. Hayes, "First Things First".
November 26	Mr. Paton Edwards, a chalk talk.
December 11	Major S. B. Philpots, United States Army.
December 18	President Parke R. Kolbe, Brooklyn Polytechnic Institute.

PRIZES AND HONORS

ASHTON PRIZES

Senior Ashton Prize Contest, March 13, 1925. First prize was awarded to Lester Martin Cole; second prize to Adib Karam.

Sophomore Ashton Prize Contest, May 8, 1925. First prize was awarded to Martha Schueneman; second prize to John Thomas.

Junior Ashton Prize Contest, June 5, 1925. First prize was awarded to Paul Sanderson; second prize to Frederic J. Eastman.

THE SENIOR ALUMNI PRIZE

The Senior Alumni Prize was awarded to Margaret Florence Fanning.

THE TOMLINSON PRIZES

No competition.

THE ELIZABETH A. THOMPSON CUP

The winner of the cup for 1924-25 was North High School.

THE JOHN R. BUCHTEL CUP

This cup was not awarded in 1924-25.

THE LOOMIS CUP

The Loomis Cup was won by West High School in 1915-1916, by South High School in 1916-1917, 1917-1918 and 1918-1919, which made it the permanent possession of the South High School. The winner of the second cup for 1919-1920 was West High School, for 1920-1921 South High School, for 1921-1922 West High School, for 1922-1923 South High School, for 1923-1924 North High School, and for 1924-1925 South High School which made it the permanent possession of the South High School.

PHI SIGMA ALPHA

The students chosen for membership in Phi Sigma Alpha Fraternity from the senior class of 1925 were Margaret Florence Fanning, Lula Henrietta Smith, Alton Revoe Wells, Helen Esther Nieman, Mildred H. Roberts, Frank Harrison Carman, Ralph F. Dickerhoof, Esther B. Dunford, Evelyn Josephine Hoss, Robert Hall Rimer.

SIGMA PI EPSILON

The students elected to membership in Sigma Pi Epsilon Fraternity from the class of 1925 were Mareta Newbauer, Radna Staver, Dorothea Derrig, Harriet Hipkins, Lois J. Hayes.

THE UNIVERSITY OF AKRON ALUMNI ASSOCIATION

OFFICERS OF THE GENERAL ASSOCIATION

President.....Alfred Herberich, '11 2nd Vice Pres.....John W. Thomas, '04
1st Vice Pres.....Dr. T. S. Jackson, '09 Treasurer.....Wm. Knowlton, '21
Alumni Secretary—Edith Grace Cray, '23

EXECUTIVE COMMITTEE

C. R. Olin, '85; H. E. Simmons, '08; Edith Grace Cray, '23; Alfred Herberich, '11

ALUMNI BOARD OF TRUSTEES

<p>Term Expires, June, 1926</p> <p>H. E. Simmons '08</p> <p>F. G. Alexander '14</p> <p>Mrs. Don Wallace '18</p> <p>John S. Kennedy '18</p>	<p>Miss Clara Brouse '06</p> <p>Leroy Barnette '14</p> <p>Rolland D. Fox '21</p> <p style="text-align: center;">Term Expires, June, 1928</p> <p>A. A. Kohler '93</p> <p>Hal Knight '06</p> <p>Lucian King '08</p> <p>Harold Sours '16</p>
<p>Term Expires, June, 1927</p> <p>Mrs. Grace Cronan '00</p>	

ASSOCIATION BRANCHES

Chicago—President, Mrs. Clair B. Owen, '14, 426 Ellis Ave.
Secretary, Lyman Weber, '14, 12206 Princeton Ave.

Cleveland—President, Howard Rohan, '10, 3175 W. 165th St.
Secretary, Miss Anna Cowan, '10, 13412 Fifth Ave.

Columbus—President, Dana F. Reynolds, '05, 514 Rowlands Bldg.
Secretary, Miss Edith T. Cummins, ex-'24, 137 Norwich Ave.

Kent—President, Mrs. Martin L. Davey, ex-'09, 453 W. Main St.
Secretary, Mrs. G. Frank Elgin, '99, 217 Depeyster St.

New England—Chairman, Harry Karnaghan, ex-'09, care of Seiberling Rubber Co., 185 Albany St., Cambridge, Mass.
Assistant, Mrs. Harriet Dodge Quealy, '11, Salmon Falls, N. H.

New York—President, Lawrence Teulings, '23, care Goodyear Tire & Rubber Co., Newark, N. J.
Secretary, Miss Nell Hanks, ex-'13, 200 W. 57th St.

Michigan—Chairman, W. P. Putnam, '93, care of The Detroit Testing Lab., 554 Bagley St., Detroit.
Assistant, Miss Alice Tucker, '24, 3934 Field Ave., Detroit.

Pittsburgh—President, E. L. Chesrown, '83, 1403 St. Clair St.
Secretary, Mrs. J. H. James, '98, 5868 Douglas Ave.

Southern California—President, Dr. Willet L. Hardin, '93, Mt. Washington, Los Angeles, Cal.
Secretary, Mrs. Alice B. Fulghum, ex-'91, 3433 Sabina St., Los Angeles, Cal.

Washington, D. C.—President, Walker Buel, ex-'11, 611 Albee Bldg.
Secretary, Miss Lucretia Hemington, '06, 1900 Lamont St., N. W.

ALUMNI ASSOCIATION

The Alumni Association is the official organization of alumni to advance the interests of the University through its graduates and former students, all of whom are members of the Association. Only those who have paid dues are eligible to vote or hold office.

The officers are president, two vice-presidents, treasurer, and secretary. The Association is governed by a Board of Alumni Trustees composed of twelve alumni and the Association officers elected by the Association. Subject to the approval of the Alumni Trustees, power to act for the Association is vested in an executive committee, composed of the General Association officers, the treasurer of the University, and one member of the Alumni Trustees.

Annual dues are \$2 and include subscription to the Akron Alumnus. Life membership costs \$30, payable in three annual installments or in a lump sum, and includes life subscription to the magazine. Checks for dues should be made payable to the University of Akron Alumni Association.

The University has graduated 1014 students, of whom 915 are now living.

THE ALUMNI OFFICE

The Alumni Office, headquarters of the Alumni Association on the campus, is in charge of the Alumni Secretary and is located in President's House. Here are kept all records of the Association, files, biographical and historical data. The Secretary edits the Akron Alumnus, official publication of the Association, and the Alumni Register; has charge of Homecoming and Migration Days and assists in the celebration of Founder's Day. All alumni events at Commencement, the organization of alumni clubs, and alumni publicity work, are taken care of in the Alumni Office.

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