

The
UNIVERSITY OF AKRON

AKRON, OHIO

JUNE, 1927

GENERAL CATALOG
AND
ANNOUNCEMENTS FOR 1927-1928



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14
The
UNIVERSITY *of* AKRON

General Catalog
and
Announcements for 1927-1928

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CALENDAR

1926		1927		1928			
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UNIVERSITY CALENDAR

1927

- JANUARY 3, MONDAY.....Class work resumed in all departments.
- JANUARY 3, 4 AND 5.....Classification in College of Engineering and Commerce for second semester (Section I).
- JANUARY 10-14.....Classification for second semester in Buchtel College of Liberal Arts, Curtis School of Home Economics, and Teachers College.
- JANUARY 17-22.....Classification for second semester in College of Engineering and Commerce (Section II).
- JANUARY 18, TUESDAY.....Celebration of Founder's Day.
- JANUARY 28 AND 29.....Final Registration and Classification of new students for second semester.
FRIDAY, 9 A. M.-4 P. M.
SATURDAY, UNTIL NOON
- JANUARY 29, SATURDAY.....Registration and classification for Evening Session for second semester.
2-5 AND 7-9 P. M.
- JANUARY 24-29.....Final Examinations.
- JANUARY 31 AND FEBRUARY 1.....Final Registration and Classification of upper classmen for second semester.
- JANUARY 31 AND FEBRUARY 1.....Freshman Week.
- JANUARY 31, MONDAY.....Evening Session begins.
- FEBRUARY 2, WEDNESDAY.....Class work for second semester begins in 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 18, THURSDAY.....Student Elections.
- MAY 20, FRIDAY.....Junior Ashton Prize Contest.
- MAY 27, FRIDAY.....Tree Day.
- MAY 30, MONDAY.....Memorial Day—a holiday.
- JUNE 6-11.....Final Examinations.
- JUNE 10, FRIDAY.....Evening Session closes.
- JUNE 12, SUNDAY.....Baccalaureate Exercises.
- JUNE 14, TUESDAY.....Commencement.
- JUNE 20, MONDAY.....Classification for Co-operative Engineering and Commerce students (Section I) for Summer Session.
- JUNE 20, MONDAY.....Registration for Summer Session in Teachers College.

UNIVERSITY OF AKRON

- JUNE 20-JULY 29.....Summer Session in Teachers College.
- JUNE 20-AUGUST 13.....Summer Session in College of Engineering and
Commerce.
- JULY 18, MONDAY.....Classification for Co-operative Engineering and
Commerce students (Section II) for Summer
Session.
- AUGUST 1, MONDAY.....Registration and classification begins for fall
semester for new resident and non-resident
students in Buchtel College of Liberal Arts,
Curtis School of Home Economics, Teachers
College and for any students desiring to en-
roll in the Evening Session and Saturday
courses.
- SEPTEMBER 3, SATURDAY.....Final Registration and Classification of new
students.
- SEPTEMBER 6-9.....Freshman Week, compulsory for all Freshmen
TUESDAY TO FRIDAY entering in September, 1927.
- SEPTEMBER 10, SATURDAY.....Registration and Classification for Evening
2-5 AND 7-9 P. M. Session.
- SEPTEMBER 17, SATURDAY.....Last day for registration for Evening Session.
8 A. M. UNTIL NOON
- SEPTEMBER 12 AND 13.....Registration and Classification for upper class-
MONDAY AND TUESDAY men in all departments (Section I in College
of Engineering and Commerce).
- SEPTEMBER 14, WEDNESDAY.....Class work begins for all day and evening
sessions in all departments.
- SEPTEMBER 29, THURSDAY.....Freshman Elections.
- NOVEMBER 14, WEDNESDAY.....Class work begins for Co-operative students
(Section II).
- NOVEMBER 24, 25, 26.....Thanksgiving Recess.
THURSDAY, FRIDAY AND
SATURDAY
- DECEMBER 16, FRIDAY.....Senior Ashton Prize Contest.
- DECEMBER 17, SATURDAY.....Christmas vacation begins for all departments.
12:00 M.

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- JANUARY 2, MONDAY..... Class work resumed in all departments.
- JANUARY 9-13 Classification for second semester, all departments except Co-operative Engineering and Commerce.
- JANUARY 18, WEDNESDAY..... Celebration of Founder's Day.
- JANUARY 28, SATURDAY..... Registration and Classification for Evening Session for second semester.
2-5 AND 7-9 P. M.
- JANUARY 27 AND 28..... Final Registration and Classification of new students for second semester.
FRIDAY, 9 A. M.-4 P. M.
SATURDAY, UNTIL NOON
- JANUARY 23-28..... Final Examinations.
- JANUARY 30 AND 31..... Freshman Program.
MONDAY AND TUESDAY
- JANUARY 30 AND 31..... Classification of Co-operative students in College of Engineering and Commerce (Section I).
MONDAY AND TUESDAY
- FEBRUARY 1, WEDNESDAY..... Second semester begins for all day and evening sessions.
- MARCH 16, FRIDAY..... Sophomore Ashton Prize Contest.
- MARCH 31, SATURDAY..... Easter Recess begins.
12:00 M.
- APRIL 9, MONDAY..... Class work resumed.
- APRIL 9, MONDAY..... Classification of Co-operative students in College of Engineering and Commerce (Section II).
- MAY 17, THURSDAY..... Student Elections.
- MAY 18, FRIDAY..... Junior Ashton Prize Contest.
- MAY 25, FRIDAY..... Tree Day.
- MAY 30, WEDNESDAY..... Memorial Day—a holiday.
- JUNE 4-9 Final Examinations.
- JUNE 8, FRIDAY..... Evening Session closes.
- JUNE 10, SUNDAY..... Baccalaureate Exercises.
- JUNE 12, TUESDAY..... Commencement.
- JUNE 18, MONDAY..... Classification for Co-operative Engineering and Commerce students (Section I) for Summer Session.
- JUNE 18, MONDAY..... Registration and Classification for Summer Session in Teachers College.
- JUNE 19, TUESDAY..... Class work begins in Summer Session.
- JULY 16, MONDAY..... Classification for Co-operative Engineering and Commerce students (Section II) for Summer Session.

UNIVERSITY OF AKRON

BOARD OF DIRECTORS

CLYDE F. BEERY	Term expires 1928
JOHN S. KNIGHT	Term expires 1928
P. W. LITCHFIELD	Term expires 1928
MRS. CHARLES W. AVERELL	Term expires 1930
ROBERT E. LEE	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

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JOHN W. THOMAS	<i>Chairman</i>
B. A. POLSKY	<i>Vice-Chairman</i>
C. R. OLIN	<i>Clerk</i>

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<i>Committee on Investment:</i>	BEERY, HYDE, MRS. AVERELL.
<i>Committee on Buildings and Grounds:</i>	THOMAS, LITCHFIELD, KNIGHT

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FRED E. AYER, C. E.	<i>Dean of the College of Engineering and Commerce</i>
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W. J. BANKES, A. M.	<i>Dean of Teachers College and Director of Summer Session</i>
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DONFRED H. GARDNER, A. M.	<i>Acting Dean of Men</i>
FREDERICK S. SEFTON, M. ED.	<i>Physical Director</i>
JOSEPHINE A. CUSHMAN, B. L. S.	<i>Librarian</i>
H. E. SIMMONS, M. S.	<i>Director of Evening Session</i>
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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1926-27

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*First semester.

‡Second semester.

UNIVERSITY OF AKRON

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MARY HELEN ANDERSON, *Assistant Librarian*
A. B., Goucher.
23 South Balch Street

‡HARRIETT ELIZABETH BACHTEL, *Assistant Librarian*
B. S. in Home Economics, The Municipal University of Akron.
102 Merriman Road

**BETTY BROWN, *Assistant Librarian*
162 Marvin Avenue

†MATILDE LOWERY, *Assistant Librarian*
492 Vine Street

FELLOWS IN CHEMISTRY

ARTHUR D. CUMMINGS, A. B., *Bowdoin College*
The Firestone Tire & Rubber Company

FREDERICK L. KILBOURN, B. S., *Brown University*
The Goodyear Tire & Rubber Company

FELLOWS IN EDUCATION

MILDRED BEALL MAREK, A. B., *University of Texas*

NELSON M. SNYDER, A. B., *Mount Union College*

BURGETT EVERETT YEO, B. S. in Education, *Kent State Normal College*

*On leave, January 1 to April 15, 1927.

‡Appointed, November 1, 1926.

**Resigned, October 23, 1926.

†Appointed, February 1, 1927.

PUBLIC SCHOOL OFFICERS AND TEACHERS CO-OPERATING
WITH TEACHERS COLLEGE

GEORGE E. McCORD, A. B., *Wittenberg*; A. M., *Columbia*.....
.....*Superintendent of Schools*

MRS. MARGARET BREWSTER, B. Educ.
Director of Kindergarten Courses

C. A. BRITTON*Principal, Mason Observation School*
Instructor in Education

C. E. BRYANT, A. B.*Principal of South High School*
Instructor in Education

LILLIAN CHRISTENSEN
Instructor in Public School Music

OLIVE G. CARSON*Kindergarten-Primary Instructor*
Instructor in Primary Methods

J. C. CHENOT, A. B.*Principal of Spicer School*
Instructor in Education

PRISCILLA DACKERMAN*Director of Music at West High School*
Instructor in Public School Music

R. H. ERWINE, A. M.*Assistant Superintendent of Schools*
Instructor in Education

JOHN W. FLOOD, B. S.*Principal of West High School*
Instructor in Education

NELLIE L. GLOVER*Supervisor of Music*
Instructor in Public School Music

MRS. AGATHA S. HOWES*Director of Kindergarten Courses*

HORACE M. JELLISON, B. E.*Instructor in Vocational Education*
Instructor in Education

A. D. LADD, Ph. B.*Principal of Garfield High School*
Instructor in Education

CRITIC TEACHERS

LOIS BABB, PH. B.	<i>High School English</i>
HAROLD BECKER	<i>Elementary Physical Education</i>
JANE BOTZUM, A. B.	<i>High School Latin</i>
RUTH J. BRADLEY, B. E.	<i>High School English</i>
BLANCHE B. BRADY, PH. B.	<i>High School Biology</i>
HARRIET CALLOW	<i>Kindergarten-Primary</i>
FERN CARTER	<i>High School Home Economics</i>
MYRTLE CAVES, B. S.	<i>High School Home Economics</i>
FLORENCE CHESNUTT	<i>Kindergarten-Primary</i>
RUTH CROWE, A. B.	<i>High School French</i>
NELLIE D. FISHER, M. S.	<i>High School Biology</i>
HELEN FRENCH, B. A.	<i>High School French</i>
CLARA GOSS	<i>Elementary Physical Education</i>
BERTHA GUGLER	<i>First and Second Grades</i>
H. M. HORST, PH. B.	<i>High School History</i>
KATHERINE KING	<i>Kindergarten-Primary</i>
A. D. LADD, PH. B.	<i>High School History</i>
VESTA LEIGHT	<i>Elementary Art</i>
GENEVA MCCOY, A. B.	<i>High School Spanish</i>
HELEN MARSON	<i>Elementary Physical Education</i>
J. V. NAUGLE, M. A.	<i>High School Mathematics</i>
MARIAN PALMER, A. B.	<i>Fourth, Fifth and Sixth Grades</i>
HARRIET PARKER, B. S. P. E.	<i>Elementary Physical Education</i>
GLADYS PARSHALL, A. B.	<i>High School History</i>
INEZ PARSHALL, A. B.	<i>High School English</i>
BLANCHE PEASE, M. E.	<i>First, Second and Third Grades</i>
HELEN POE	<i>High School Physical Education</i>
VELMA POMEROY, B. E.	<i>Elementary Physical Education</i>
RUBY RENTSCHLER, PH. B.	<i>High School Home Economics</i>
OLIVE ROBERTS	<i>High School Physical Education</i>
MRS. EVELYN SILLS	<i>Music</i>
LEONA SMITH, B. E.	<i>Kindergarten-Primary</i>
KATHRYN TIMMIS	<i>Harris School</i>
NORMA WILLIAMS, B. LIT.	<i>High School English</i>
FERN WINTER	<i>Second Grade</i>

STUDENT ASSISTANTS

IN BIOLOGY Ethelyn Barber	IN MILITARY SCIENCE AND TACTICS Earl Gilleland Chester Hartline (1925-26)
IN BUREAU OF CITY TESTS James W. Ard (1925-26) Carl Boyer Carl W. Brodt	IN PHYSICS Stanley Shondel
IN BUSINESS ADMINISTRATION Ruth M. Dorn	IN POLITICAL SCIENCE Josephine Amer Adrian Theobald
IN ENGLISH Lois B. Barrett (also 1925- 26) Maurine Chapin Naomi Epstein Margaret Hedlund Ruth Johnson Jane Reece Mareta Schiller Marguerite Minnick Forrest Myers (1925-26)	IN MODERN LANGUAGES Marguerite Hudson Harrison Marting Ruth Peet Ruth Supowit
IN JOURNALISM Jerome Taylor Sherrill Leonard Cyril Krohngold Norma Olin	IN TEACHERS COLLEGE Pearl Briggs Helen Cockrell Genevieve Cooper Thelma Lambert Iona Maxwell Elnora Moore Dora Sapp Frances Swan
IN HISTORY Ruth K. McPeake Helen J. Meier	IN MULTIGRAPHING DEPARTMENT Sherrill Leonard
IN THE LIBRARY Julia Averell Clayton Bachtel Raymond E. Bitter Merlin L. Hayes Ethel S. Klahre A. Madeline Lattimore Dora Sapp Elliott Shuman	IN ASSEMBLY Donald Bishop Philip W. Bierman
	TO ACTING DEAN OF MEN Dorothy Roeger

COMMITTEES OF THE GENERAL FACULTY
1926-27

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,
EGBERT, JONES, HOUSEHOLDER, SCHMIDT, LIPSCOMBE, ROGERS,
HAWTHORN, ROBERTS, MITCHELL, FOUTS.

College of Engineering and Commerce: C. BULGER, McJOYNT AND
DEPARTMENT HEADS IN COLLEGE OF ENGINEERING AND COM-
MERCE.

Curtis School of Home Economics: C. BULGER, STIMMEL, BUMPAS.

Teachers College: C. BULGER, BANKES, HAYES, KUHNES.

Evening Session: SIMMONS, BANKES, PEASE, CRECRAFT, HAYES,
McEBRIGHT, TAILLIART, KRAATZ, HALLENBECK, FREEDLANDER,
LEIGH, MARSH, DAVIS, HOUSEHOLDER, KUHNES.

PUBLIC SPEAKING

McEBRIGHT, CRECRAFT, THOMPSON, MARSH, DURST.

SOCIAL

THOMPSON, TYDINGS, REED, HALLENBECK, GILMOUR, HARRY SMITH,
MITCHELL, REGER.

HOLIDAY OBSERVANCE

REED, DeLEONE, BARNHARDT, DUNCKLEY, GREGORIE, AND CLASS
ADVISORS.

ATHLETICS

AYER, BABCOCK, C. R. OLIN, SEFTON, BRODERICK.

STUDENT AFFAIRS

(*Council, Elections, Advisors, etc.*)

SIMMONS, THOMPSON, HAYES, GRIFFIN, JOHN BULGER.

LIBRARY

PEASE, FINDLEY, CUSHMAN, KRAATZ, LEIGH, HOOVER.

SCHOLARSHIP AND HONORS

ROCKWELL, STIMMEL, KUHNES, HAWTHORN, JONES, GOODELL.

EXTENSION LECTURES

DAVIS, SIMMONS, HAYES, DURST, WALTHER.

UNIVERSITY ASSEMBLY

PAUL SMITH, HOLMES, FOUTS, ROBERTS.

PSYCHOLOGICAL TESTS

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

FACULTY REPRESENTATIVES FOR UNIVERSITY ACTIVITIES

FRESHMAN CLASS	SIMMONS
SOPHOMORE CLASS	HOUSEHOLDER
JUNIOR CLASS	PLOWMAN
SENIOR CLASS	SPANTON
WOMEN'S CLUB ROOMS	MISS REED
WOMEN'S LEAGUE	MISS ROGERS
MUSIC	DELEONE
UNIVERSITY PUBLICATIONS	VANCE

THE UNIVERSITY OF AKRON

The University of Akron was created as a municipal institution 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.

In October, 1926, by action of the Board of Directors, the name of the university was changed to The University of Akron.

The 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, in commerce and finance, and in secretarial science.

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 the entire course in the Teachers College.

THE SUMMER SESSION

A Summer Session of six weeks in the Teachers College furnishes instruction to teachers and other persons who seek opportunities for training. Courses are also offered to meet the needs of collegiate students.

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 and a portion of the basement of Carl F. Kolbe Hall.

The Library contains about 25,000 cataloged volumes, about 12,000 pamphlets and about 5,000 mounted pictures in addition to several hundred volumes of miscellaneous books and public documents as yet uncataloged; also a considerable number of paper bound serials and pamphlets as yet uncounted. 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.

The resources of Bierce Library are open to citizens, and the students of the University are privileged also to use the Akron Public Library.

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 departments 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 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, the North Central Association of Colleges and Secondary Schools, and the American Council on Education. 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 honorary 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 requirements 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.

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, middle, or lower third of his class.

TIME OF REGISTRATION AND CLASSIFICATION DAY SESSION

Buchtel College, School of Home Economics and Teachers College:

Registration and classification of Freshman students in the College of Liberal Arts, Teachers College, and the School of Home Economics will begin on August 1 and will be continuous until Saturday, September 3, at 12 o'clock, noon. The student must present himself in person for conference with the Chairman of the Entrance Committee and, if his high school record is satisfactory, he may make out his program of studies.

Those desiring to enter the college of Engineering and Commerce should have their High School certificates sent in before July 1.

FRESHMAN WEEK

All freshmen are required to report at the University for Freshman Week, beginning September 6.

Tuesday, September 6, to Friday, September 9, inclusive, will be devoted entirely to Freshmen. Attendance is required at all sessions. The hours are from 8:00 a. m. to 4:00 p. m.

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

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. 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 resident and non-resident) may register for engineering courses June 18 or September 3. Those registering in June will take eight weeks' continuous work in the University after which they will be placed on a job on the co-operative basis. Those who register in September will remain in college continuously throughout the first semester, after which they will continue on a co-operative basis.

New students in Commerce and the Secretarial Course will register at the same time as new students in the College of Liberal Arts, and with the Chairman of the Entrance Committee.

EVENING SESSION

Registration for the Evening Session will begin on August 1 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 of the University, September 12 and 13 for the first semester and January 31 for the second semester.

Evening Session, September 10 for the first semester, and January 28 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 credit 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 :

English3 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)

French1 to 4 units
 German1 to 4 units
 Greek1 or 2 units
 Latin1 to 4 units
 Spanish1 or 2 units

Mathematics ($2\frac{1}{2}$ to 4 units)

Algebra1 to 2 units
 Geometry, Plane 1 unit
 Geometry, Solid $\frac{1}{2}$ unit
 Trigonometry $\frac{1}{2}$ unit

Science (not more than 4 units in all)

Botany $\frac{1}{2}$ or 1 unit
 Chemistry 1 unit
 General Science 1 unit
 Physics 1 unit
 Physiography $\frac{1}{2}$ or 1 unit
 Physiology $\frac{1}{2}$ unit
 Zoology $\frac{1}{2}$ or 1 unit

Vocational Subjects (not more than 3 units in all)

Agriculture $\frac{1}{2}$ or 1 unit
 Commercial Subjects1 to 3 units
 Domestic Science1 to 3 units
 Manual Arts1 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.

Two days, Monday and Tuesday of the first week of the semester, are devoted to a Freshman orientation program. All entering Freshmen are required to attend all sessions.

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.

A cafeteria luncheon is served in Curtis Cottage at noon and evening (except Saturday) during the college 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 and women should be addressed to Dean Donfred H. Gardner.

FEEES AND EXPENSES

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

SUMMARY STATEMENT

- (A) *Tuition* is free to citizens of Akron.
Tuition charges for those not citizens of Akron are shown on page 34.
 - (B) *A Maintenance Fee* is paid by all students. The amount of the fee depends upon the number of credit hours taken. See page 34.
 - (C) *Laboratory Fees and Breakage Deposits* are charged in some courses, to cover the materials used. See page 35.
 - (D) *Student Activities Fee* is charged students taking eight credit hours or more. It includes student athletic ticket. See page 34.
 - (E) *Graduation Fee*, in connection with Bachelor's degree and Master's degree. See page 34.
 - (F) *Other Small Fees*. See page 35.
 - (G) *Refunds*. See page 36.
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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 21 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. An unmarried person over 21 years of age who has resided in the city of Akron continuously for one year or more immediately prior to registering in the University for any semester, and who has chosen Akron as the place of his domicile.
3. 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.

TUITION FEES

Payable only by students who are not citizens of Akron.

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
Summer Session:	Free

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.	

MAINTENANCE FEE

Payable by all students in all schools and evening session.

Summer Session, per semester hour.....	\$ 4.00
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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

STUDENT ACTIVITIES FEE

Payable by all students taking 8 credit hours or more.

First semester (including a student athletic ticket for the entire school year).....	\$ 8.75
Second semester, to students in school the preceding semester	3.75
Second semester, to new entrants (including student ath- letic ticket)	6.25

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 3, 4, 19, 20, per semester, each.....	4.00
Biology 1, 2, per semester.....	2.50
Biology 11, 23, 24, per semester hour, each.....	1.00
Cement Laboratory C. E. 24, per semester.....	2.00
Chemistry 1, 2, per semester, each.....	3.00
Chemistry, all other courses, each.....	4.00
Chemistry 1, 2, Eng'g and Com. 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 E. E. 7, 8, 13, 14, 22, 62 per semester, each	3.00
Engineering Laboratory C. E. 1, M. E. 1, E. E. 1, per semester, each	3.00
Foods, per semester	7.00
Foods, per semester (evening session).....	3.75
Housewives Class, per semester.....	4.00
Mechanical Laboratory, M. E. 24, M. E. 61, per semester, each	3.00
Metallurgy 18, per semester.....	4.00
Physics 1, 2, 3, per semester, each.....	2.50
Physics 4, 5, 6, 7, and 10, per semester, each.....	4.00
Physics 51, 52, 53, 54, 55, 61, 62, per semester, each.....	2.00
Railroads C. E. 20.....	1.00
Research problems (Teachers College), per semester.....	5.00
†R. O. T. C. deposit for uniform (advance course)	10.00
Steam Power Plants, M. E. 46	2.00
Surveying C. E. 4, per semester	2.00
Table and Meal Service, per semester	6.00
Thesis, Teachers College	10.00
Tests and Measurements 6, 103, per semester, each	2.00

MISCELLANEOUS FEES

A fee of \$1 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 will be made for any change in his program which is not made at the instance of the University authorities.

*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.

A fee of \$1 per subject with a maximum of \$5 will be charged for entrance examinations taken on days other than those specified, and a fee of \$5 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 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.

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

<i>Time of Withdrawal</i>	<i>Amount Retained by University</i>
Before entering classes	\$2.50 of evening session fees or \$5 of day session fees.
During 1st or 2nd weeks,	20% of semester charge
During 3rd or 4th weeks,	40% of semester charge
During 5th or 6th weeks,	60% of semester charge
During 7th or 8th weeks,	80% of semester charge
After 8th week	Full amount paid.

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 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 and \$20 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 University of Akron. 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 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 which wins it three times. This cup was donated in 1925 by Mrs. Irving C. Tomlinson of Boston, Mass. The winner of the cup for 1924-25 was North High School; for 1925-26, Central High.

THE JOHN R. BUCHEL CUP

The John R. Buchel 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 University of Akron, the cup to become the permanent property of the school which wins it three times. This cup was awarded for 1925-26 to East High School.

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 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 and a third cup has been donated by Mrs. Loomis. 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 permanently 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 permanently by South High School.

The Third Loomis Cup:

- 1925-26 won by Central High School.

BUCHTEL 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.

SCHOLARSHIP LOAN FUNDS

The Akron College Club maintains a loan fund known as the Elizabeth A. Thompson Scholarship Fund, amounting to \$300 a year. Loans are made to deserving women students of the University.

The Akron Panhellenic Association offers a scholarship of \$150 a year to deserving women students.

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, 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 to encourage high scholarship among the students of the Liberal Arts College. The requirements are as follows:

1. Only such courses as are taken in the Liberal Arts College or such courses as are regularly accredited in that college may be counted for standing in the fraternity.
 2. A minimum of 112 hours for three and one-half years for those completing the regular four-year course, or of 80 hours for two and one-half years for students who have spent one year at another institution, are required.
 3. Only scholarship hours are counted—not hours made for good attendance.
 4. All seniors who have maintained an average grade of not less than 90% during their three and one-half years are eligible for membership, provided that at least two and one-half years have been taken in Buchtel College of Liberal Arts.
 5. Beginning at mid-year, 1927, all juniors who have completed two and one-half years of work in Buchtel College of Liberal Arts with an average grade not less than 92% shall be eligible for membership.
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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. Candidates must earn an average grade of 85% during the three years in Teachers College, and 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.

DELTA SIGMA PHI

Delta Sigma Phi is an honorary fraternity whose object is to promote scholarship, to create new interest in Curtis School of Home Economics, and to promote higher ideals in living among the women graduating from the University of Akron. Students who have completed their sophomore year with an average grade of 85% are eligible.

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.

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 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 each student 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.

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.

Effective September, 1927, for graduation in June, 1928, the number of quality points required for graduation shall amount to not less than 1.1 times the number of credit hours offered for graduation as shown by the record in the Registrar's office.

Quality points shall be given on the following scale :

For each credit hour of A, 3 quality points.

For each credit hour of B, 2 quality points.

For each credit hour of C, 1 quality point.

For each credit hour of D, 0 quality points.

RULES REGARDING FAILURE

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 become a probationary student.

Any first year student failing to receive credit for at least eleven semester hours with a grade other than F at the end of the first semester, shall become a probationary student at the end of the second semester unless he receives credit for at least eleven semester hours with a grade other than F for that semester.

Any student who has been in attendance at the University of Akron, or at any other college or university for one year or more who fails, at the end of any semester, to receive credit for eleven semester hours with a grade other than F shall become a probationary student.

A probationary student shall be required to take a definite program of studies, from eight to sixteen hours, the exact number of hours depending upon his rating in his psychological test he took on entering the University. He must pass in all the work taken or be dropped from the University. He continues to be a probationary student until he passes all his work in a semester with the grade of C or higher.

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 BIRDSSELL	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

The required foreign language 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.

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.

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	

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	

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 3 and 4 (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. *Sociology*. Twenty-four hours.
- IX. *Economics and Sociology*. A minimum of 24 hours.
- X. *History*. A minimum of 30 hours.
- XI. *English*. A minimum of 30 hours.

MAJORS LEADING TO THE B. S. DEGREE

- XII. *Chemistry*. A minimum of 40 hours.
 - XIII. *Mathematics*. A minimum of 32 hours.
 - XIV. *Physics*. A minimum of 30 hours.
 - XV. *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.	Philosophy Major—24 hrs.	Political Science Major—32 hrs.	Economics (or Econ. and Soc.) Major—24 hrs.	Sociology Major—24 hrs.	History Major—30 hrs.	English Major—30 hrs.
1. Lit. 25 and 26, 45 and 46, or any two of the following: 30, 31, 32, 36.....	6	6	6	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	6 ¹
3. History.....	6	6	6	6	6	6	6	6	6	6	6	6	6	6
4. Psychology 1-2.....	6	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. Economics.....														
8. †Modern Language.....	6 ³	6 ³	6 ³	6 ³	6 ³	6 ³	6 ³	6 ³	6 ³	6 ³	6 ³	6 ³	6 ³	6 ³
9. †Foreign Language.....	††	††	††	††	††	††	††	††	††	††	††	††	††	††
10. Public Speaking.....	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11. *Biology.....	8	8	8	8	*	*	*	*	*	*	*	*	*	*
12. *Chemistry.....	8	8	8	8	*	*	*	*	*	*	*	*	*	*
13. *Physics 1 and 2.....	8	8	8	8	*	*	*	*	*	*	*	*	*	*
14. Soph. Math.....	6		6											
15. Classical Masterpieces.....														6
16. Statistics.....										3				

**Political Science, Economics, or Sociology—6 hrs.

†In addition to foreign language for freshman requirements.

‡The minimum requirement 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 second year German or second year French.

³Must be Economic History of the United States.

COURSES FOR 1927-1928

BIOLOGY

PROFESSOR PLOWMAN, ASSISTANT PROFESSOR KRAATZ, MR. FOX,
DR. HOTTENSTEIN

Major: Thirty-two credit hours. The following courses should be included: 1-2, 3-4, 7-8, 9-10, 17, 19-20. For minor requirements see general statement on majors and minors. All who wish to major in this department should carry Biology 1-2 as the first-year science. Pre-Medical students see Pre-Medical Course, under Combination Courses. For laboratory fees, see introductory pages.

1-2. 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 each 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 AND ASSISTANTS

3. VERTEBRATE ANATOMY. First semester. Four credit hours.

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. Prerequisite, 1-2.

ASSISTANT PROFESSOR KRAATZ

4. EMBRYOLOGY OF VERTEBRATES. Second semester. Four credit hours.

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. Prerequisite, 1-2.

ASSISTANT PROFESSOR KRAATZ

5. ORGANIC EVOLUTION. First semester. Three credit hours.

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. Prerequisite, 1-2.

PROFESSOR PLOWMAN

6. HEREDITY. Second semester. Three credit hours.

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. Prerequisite, 1-2.

PROFESSOR PLOWMAN

7-8. HUMAN PHYSIOLOGY. First and second semesters. Four credit hours each semester.

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. The course is designed especially for college men *other than* pre-medical students, and is open to men only. Prerequisite, 1-2.

This course is given in alternate years, and will not be offered in 1927-1928.

PROFESSOR PLOWMAN

9-10. HUMAN PHYSIOLOGY. First and second semesters. Four credit hours each semester.

This course is similar to 7-8, but it is designed especially for college women, and it is open to women only. Students in Curtis School of Home Economics are required to take this course, and it is also adapted to the needs of prospective teachers. Prerequisite, 1-2.

This course alternates with 7-8, and will be offered in 1927-1928.

PROFESSOR PLOWMAN

11. BIOLOGICAL LABORATORY METHODS. First semester. Credit, up to three hours.

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. Prerequisite, 1-2. Not offered in 1927-1928.

PROFESSOR PLOWMAN

12. 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 is open to all college students, without any biological prerequisites.

PROFESSOR PLOWMAN

13-14. 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 Human Physiology 7-8.

PROFESSOR PLOWMAN

15-16. HUMAN BIOLOGY. First and second semesters. Two credit hours each semester.

This course is similar to 13-14, 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 Human Physiology 9-10.

PROFESSOR PLOWMAN

17. 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 1-2 is the minimum prerequisite, and the more biology the student has taken, the more interesting and profitable this course will be. Not offered in 1927-1928. Required of all Biology major students.

PROFESSOR PLOWMAN

18. 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. It 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

19-20. BACTERIOLOGY. First and second semesters. Four credit hours each semester.

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 1-2 is a prerequisite, and some knowledge of chemistry is 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

22. SANITATION AND PUBLIC HEALTH. Second semester. Three credit hours.

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. Prerequisite, 1-2. MR. FOX

23-24. 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

30. 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, DR. COOK, MR. ANDERSON, MR. BISHOP

Major: Forty hours of Chemistry. These courses or equivalent must be included: 3, 4, 5-6, 7-8, 9-10, 13-14.

Minors: Literature, 6 hrs.; Sophomore Mathematics, 6 hrs.; Philosophy, 6 hrs.; Political Science, 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

Credit hrs. each semester

General Chemistry 3 and 4 7
 Mathematics 4
 Modern Language 3 or 4
 Physical and Military Training.. 2

SOPHOMORE YEAR

Credit hrs. each semester

Quantitative Analysis 4
 Biology 4
 Mathematics 3
 Modern Language 3
 Physical and Military Training.. 2
 Rhetoric 3

JUNIOR YEAR

Credit hrs. each semester

Organic Chemistry 3
 Physics 4
 Electives

SENIOR YEAR

Credit hrs. each semester

Organic Chemistry 3
 Physical Chemistry 3
 Electives

PRE-MEDICAL MAJOR COURSE

Students who are planning to take up the study of medicine are advised to complete at least three years, preferably all four years, of the following course, before entering the medical school.

FRESHMAN YEAR

Credit hrs. each semester

General Biology	4
General Inorganic Chemistry	7
French or German	3 or 4
R. O. T. C. and Gym.	2
	<hr/>
	16 or 17

SOPHOMORE YEAR

Credit hrs. each semester

Human Biology	2
Quantitative Analysis	4
General Physics	4
French or German	3
Rhetoric or Mathematics	3 or 4
R. O. T. C. and Gym.	2
	<hr/>
	18 or 19

JUNIOR YEAR

Credit hrs. each semester

Vert. Anatomy & Embryology....	4
Organic Chemistry	3
Light (First semester)	4
Mathematics or Rhetoric	4 or 3
Electives	
	<hr/>
	15 or 16

SENIOR YEAR

Credit hrs. each semester

Biology or Chemistry	3 or 4
Electives, to make a total of 128 semester hours.	

General electives must include six semester hours in each of the following: Psychology, Economics, Sociology, Literature, and History or Political Science.

1-2. GENERAL INORGANIC CHEMISTRY. First and second semesters. Four credit hours each semester.

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. Two recitations and six hours of laboratory work each week.

DR. COOK

3. GENERAL INORGANIC CHEMISTRY. First semester. Seven credit hours.

This course is designed for those majoring in Chemistry. Four recitations and nine hours of laboratory work a week.

PROFESSOR SIMMONS

4. QUALITATIVE ANALYSIS. Second semester. Seven credit hours.

This is a study of the separation and identification of the common cations and anions. Four recitations and nine hours of laboratory work a week.

PROFESSOR SIMMONS

5-6. 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, 4.

DR. COOK

7-8. **ELEMENTARY ORGANIC CHEMISTRY.** First and second semesters. Three credit hours each semester.

This course covers the elements of organic chemistry, including aliphatic, aromatic and heterocyclic compounds. Laboratory work includes preparation and purification of typical compounds together with a study of their properties. It satisfies pre-medical requirements in organic chemistry. Pre-Dental and Home Economics students may also enroll. Required of all students majoring in Chemistry. Prerequisite, 2. Two recitations and three hours of laboratory work each week.

ASSISTANT PROFESSOR SCHMIDT

9-10. **ADVANCED ORGANIC CHEMISTRY.** First and second semesters. Three credit hours each semester.

In this course the more recent discoveries and theories of organic chemistry are discussed. Study of the text is supplemented by required reference reading in the Library. Laboratory work includes ultimate analysis, identification of organic compounds, and preparation of various compounds on a larger scale than in elementary organic chemistry. Required of all students majoring in chemistry. Prerequisite, 8. Two recitations and three hours of laboratory work each week.

ASSISTANT PROFESSOR SCHMIDT

*11-12. **INDUSTRIAL ANALYSIS.** First and second semesters. Three credit hours each semester.

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. Nine hours of laboratory work. Prerequisite, 6.

DR. COOK

*13-14. **PHYSICAL CHEMISTRY.** First and second semesters. Three credit hours each semester.

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. Two recitations and three hours of laboratory work each week. Prerequisite, 9-10 and Physics 1-2.

ASSISTANT PROFESSOR SCHMIDT

*15-16. **CHEMISTRY OF RUBBER TECHNOLOGY.** First and second semesters. Three credit hours each semester.

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. One recitation and six hours of laboratory work each week. Prerequisite, 8.

PROFESSOR SIMMONS

*Open only to juniors and seniors.

31. FUELS.

32. METALLURGY OF IRON AND STEEL.

Courses 31 and 32 are given only for students in co-operative engineering courses. For descriptions see under Chemistry in the College of Engineering and Commerce.

ECONOMICS AND SOCIOLOGY

PROFESSOR DAVIS, ASSOCIATE PROFESSOR HAWTHORN

Major: Three majors are offered: one in Economics, one in Sociology, and one in Economics and Sociology. The minimum for each is 24 hours. For required minors see statement on introductory pages of Liberal Arts section.

The course in Statistics in the College of Engineering and Commerce, and the courses in Money and Banking and Investments offered in the Evening Session, may be taken for credit in Economics. The course in Social Psychology given in the Teachers College may be credited towards a major in Sociology.

ECONOMICS

1. 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

2. 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

*3. 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, 1-2.

PROFESSOR DAVIS

*4. INVESTMENT. Second semester. Three credit hours.

This course deals with the nature, principles, classification and technique of investment; real estate loans; national state and municipal bonds; investment analysis; railroad, public utility, industrial and financial institution securities. Prerequisite, 1-2. PROFESSOR DAVIS

*Open only to juniors and seniors.

- *5. CORPORATION ORGANIZATION AND FINANCE. First 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, 1-2. PROFESSOR DAVIS

- *6. ECONOMIC THEORY. Second 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, 1-2. PROFESSOR DAVIS

- *7. 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, 1-2. Not offered in 1927-1928. PROFESSOR DAVIS

- *8. 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, 1-2. Not offered in 1927-1928. PROFESSOR DAVIS

- *10. ECONOMIC PROBLEMS. Second semester. Three credit hours.

This course, for advanced students only, gives an opportunity for the study of several vital economic problems not adequately touched upon in other courses: such topics as the business cycle, monetary stabilization, foreign debts, taxation, installment selling, the tariff, farm credits, railroad consolidation, reserve bank policy, organized speculation, and current economic legislation. Not offered in 1927-1928. PROFESSOR DAVIS

*Open only to juniors and seniors.

SOCIOLOGY

1. INTRODUCTORY SOCIOLOGY. First semester. Three credit hours.

This is a foundation course in the basic concepts and methods of sociology and includes: systematic surveys of the various fields of sociology; origin, structure, evolution, and control of human society; applications of sociology to typical social problems.

ASSOCIATE PROFESSOR HAWTHORN

2. SOCIAL PATHOLOGY. Second semester. Three credit hours.

Topics considered in this course are: diseases and maladaptations of society; individual and family maladjustments; crime, poverty, divorce, delinquency, etc.; causes, conditions, diagnosis, and treatment of criminals, defectives, paupers, perverts, and school failures. Prerequisite, 1.

ASSOCIATE PROFESSOR HAWTHORN

3. COMPARATIVE URBAN AND RURAL SOCIOLOGY. First semester. Three credit hours.

Population problems of urban and rural societies will be considered, as well as forces and factors in the development of urban and rural life, urban and rural surveys, comparative study of living standards, community life, social structure, and socialization of city and country. Prerequisite, 1.

ASSOCIATE PROFESSOR HAWTHORN

4. SOCIAL PROCESSES, SOCIAL ADJUSTMENTS, AND SOCIAL CONTROL. Second semester. Three credit hours.

This course includes a study of: immigration, assimilation, social osmosis, formation of classes and castes, class struggle, domination, ossification, socialization, etc.; adjustment of individuals and groups to society; sociological tests and measurements; adaptation of home, church, school to modern society; principles and devices of social control. Prerequisite, 1.

ASSOCIATE PROFESSOR HAWTHORN

5. SOCIOLOGY OF PERSONALITY AND LEADERSHIP. First semester. Two credit hours.

Sociological factors in the formation of personality; struggle for psychic survival and "self-hood" in modern society; prestige; bases and methods of leadership; conservation of genius and talent; problem of "defeated" and maladjusted personalities, will be considered in this course.

ASSOCIATE PROFESSOR HAWTHORN

6. SOCIAL ORIGINS. Second semester. Two credit hours.

This course considers the origin and development of such institutions as the family, religion, art, communication, charity, marriage, etc.; forces, principles, and factors involved in social evolution; heredity and population; natural and artificial selection; theories of social progress.

ASSOCIATE PROFESSOR HAWTHORN

*7-8. SOCIAL WELFARE AND RESEARCH. First and second semesters. One to six credit hours for the year.

Topics considered in this course are: Technique and methods of social welfare and research work; methods used by family case workers, probation officers, scout leaders, "Y" secretaries, settlement house directors, etc.; conferences, group discussions with specialized field practice in city; special research projects. Students specializing in social welfare work will have the opportunity to do supervised field work under the direction of the Family Service Society. Prerequisites, consent of instructor and 1, 2, 3, 4.

ASSOCIATE PROFESSOR HAWTHORN

*9. THESIS. First and second semesters. Two credit hours.

An original study in some special field of sociology, designed to develop creative scholarship, or the preparation of a scientific monograph on some current social problem will be written by each student under direction of the instructor. Open only to seniors majoring in sociology.

ASSOCIATE PROFESSOR HAWTHORN

ENGLISH

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

Major: Rhetoric 1-2, 6 hrs.; Advanced Composition 5-6, 4 hrs.; courses in English literature and language, 20 hrs., which must include 27-28, 29-30 or 31-32, and 39-40 or 41-42. A total of 30 hours.

RHETORIC

1. 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. Attention is devoted particularly to sentence and paragraph structure, and to the writing of short expository compositions.

MISS MITCHELL, MISS FREEDLANDER, MR. ROBERTS

2. RHETORIC. Second semester. Also given the first semester. Three credit hours.

This course is a continuation of 1. Attention is given especially to the analysis of description, argument, and narration, and to the writing of longer papers within these types of composition. Prerequisite, 1. MISS MITCHELL, MISS FREEDLANDER, MR. ROBERTS

3. 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 2. MISS MITCHELL

*Open only to juniors and seniors.

5. **ADVANCED COMPOSITION: SHORT STORY WRITING.** First semester. Two credit hours.

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. Prerequisite, 1-2. PROFESSOR PEASE

6. **ADVANCED COMPOSITION: ESSAY WRITING.** Second semester. Two credit hours.

Expositional and descriptive themes will be developed on lines of individual choice. Modern essayists will be studied for illustration of methods and style. Prerequisite, 1-2. PROFESSOR PEASE

9. **DEBATE.** First semester. Two credit hours.

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. Prerequisite, 1-2. MR. WEBER

LANGUAGE AND LITERATURE

Required Work: In addition to Rhetoric 1-2, students in all courses must take at least six hours in this department as a required minor. This requirement may be met by electing 25-26, 45-46, or any two of the following: 30, 31, 32.

Order of Work: Courses 27-28 are prerequisite to the more advanced courses and must be taken in the sophomore year by students desiring to major in English. English History 9-10 should also be taken in the sophomore year.

- 25-26. **INTRODUCTION TO LITERATURE: TYPES OF PROSE AND POETRY.** First and second semesters. Three credit hours each semester.

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. Prerequisite, 1-2. MISS MITCHELL, MISS FREEDLANDER

- 27-28. **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. This course, not 25-26, should be elected by students who are majoring in English or who plan to take other courses in literature. Prerequisite, 1-2. PROFESSOR PEASE

- *29. **CHAUCER.** First semester. Three credit hours.

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. Prerequisite, 27-28. Not offered in 1927-1928. PROFESSOR PEASE

*Open only to juniors and seniors.

30. HISTORY OF THE ENGLISH LANGUAGE. Second semester. Three credit hours.

Prerequisite, 1-2. Not offered in 1927-1928. PROFESSOR PEASE

31. SHAKSPERE. First semester. Three credit hours.

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. Prerequisite, 1-2. DEAN SPANTON

32. WORD STUDY. Second semester. Three credit hours.

After a few introductory lectures on language, the work centers in the study of words—their origin, development, significance, and habits. Prerequisite, 1-2. DEAN SPANTON

*33-34. NINETEENTH CENTURY LITERATURE. First and second semesters. Two credit hours each semester.

This course includes a study of the most important works of the leading British poets (except Tennyson and Browning) and essayists of the nineteenth century. Prerequisite, 27-28. DEAN SPANTON

*35. TENNYSON AND BROWNING. First semester. Two credit hours.

Prerequisite, 27-28. Not offered in 1927-1928. DEAN SPANTON

36. THE ENGLISH BIBLE AS LITERATURE. First semester. Two credit hours.

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. Prerequisite, 1-2. Not offered in 1927-1928. DEAN SPANTON

*39-40. ENGLISH FICTION: DEVELOPMENT OF THE NOVEL. First and second semesters. Three credit hours each semester.

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. Prerequisite, 27-28. PROFESSOR PEASE

*41-42. ENGLISH DRAMA. First and second semesters. Two credit hours each semester.

The development of English drama from its origins in the medieval church to the contemporaries of Shakspeare is undertaken for the first semester's work; for the second semester the course follows the chief works and tendencies of seventeenth and eighteenth century drama in England, and the relation they bear to conditions of literature and society of the time. Prerequisite, 27-28 or 25-26. Not offered in 1927-1928. PROFESSOR PEASE

*Open only to juniors and seniors.

***44. THE MODERN DRAMA.** Second semester. Three credit hours.

This course is a study of the principal dramatic writers from the nineteenth century to the present time. Lectures, readings, and papers. Prerequisite, 27-28.

MISS MITCHELL

45-46. AMERICAN LITERATURE. First and second semesters. Three credit hours each semester.

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. Prerequisite, 1-2.

PROFESSOR PEASE

47. VERSIFICATION. First semester. Three credit hours.

The course includes a study of style and effect in the verse of major English poets and an analysis of modern verse technique, with exercises in the writing of original verse mainly for the purpose of practicing the different forms. Admission to the class is on the basis of the quality of work in former writing courses, or on evidence of verse already written.

PROFESSOR PEASE

48. RECENT POETRY. Second semester. Three credit hours.

This course covers the movements and the best examples of British and American poetry for approximately the last half century. Significant changes in late nineteenth century poetry are studied, and an attempt is made to follow their influence on succeeding verse. Prerequisite, 1-2.

PROFESSOR PEASE

49. 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 an English major. Prerequisite, 1-2.

PROFESSOR ROCKWELL

50. LATIN MASTERPIECES THROUGH ENGLISH TRANSLATIONS. Second semester. Three credit hours.

This course, like 49, of which it is a continuation, is a required minor for an English major. Prerequisite, 49.

PROFESSOR ROCKWELL

60. USE OF THE LIBRARY. Second semester. Two credit hours.

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. Prerequisite, 1-2.

MISS CUSHMAN

*Open only to juniors and seniors.

81-84. ENGLISH COMPOSITION. (For Engineering Students.)

85-88. ENGLISH LITERATURE. (For Engineering Students.)

Courses 81-88 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 1-2, must be taken the first year. Besides courses necessary to fulfill requirements, journalism courses should be taken as follows: sophomore year, Reporting and News Writing 15-16; junior year, Editing 17-18; senior year, History of Journalism 19, and Feature Writing 20.

15-16. REPORTING AND NEWS WRITING. First and second semesters. Three credit hours each semester.

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. A textbook is used in the course. Prerequisite, 1-2. MR. VANCE

*17-18. EDITING. First and second semesters. Two credit hours each semester.

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. Prerequisite, 15-16, or its equivalent. MR. VANCE

19. HISTORY OF JOURNALISM. First semester. Two credit hours. Early and modern newspapers, and some of the leading journalists of America, are studied through lectures, assigned reading, and assigned reports. Prerequisite, 1-2. MR. VANCE

20. FEATURE WRITING. Second semester. Two credit hours. 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 textbook study. Prerequisite, 1-2. MR. VANCE

21. EDITORIAL WRITING. First semester. Two credit hours. 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 textbook on Editorial Writing will be used and considerable outside reading will be required. Prerequisite, 1-2. Not offered in 1927-1928. 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.

1. ELEMENTARY SPEECH. 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

2. ELEMENTARY SPEECH. Second semester. Three credit hours.

This course is a continuation of 1. Particular attention is given to the study of literary analysis, gesture, evolution of expression, development of imagination, and sympathetic insight into literature. Prerequisite, 1.

MISS McEBRIGHT

- 3-4. ADVANCED SPEECH. First and second semesters. Three credit hours each semester.

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. Prerequisite, 1.

MISS McEBRIGHT

- 7-8. DRAMATIC STUDY. First and second semesters. One credit hour each semester.

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. Prerequisite, 1.

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. Not offered in 1927-1928.

PROFESSOR ROCKWELL

3. SELECTIONS FROM PLATO. First semester. Three credit hours.

Special study is made of Socrates' position in philosophy and of the foundation he laid for modern thought. Prerequisite, 1-2. Not offered in 1927-1928.

PROFESSOR ROCKWELL

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

Homer's language, style, and times are investigated. Prerequisite, 3. Not offered in 1927-1928.

PROFESSOR ROCKWELL

49. 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 5 and 6 will count toward either major offered in this department.

5-6. GREEK SCULPTURE. First and second semesters. Three 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.

PROFESSOR ROCKWELL

7. 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. Not offered in 1927-1928.

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.

1. 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

2. 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

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

Livy's style as a historian and Hannibal's genius as a strategist are emphasized. Prerequisite, 1-2. PROFESSOR ROCKWELL

4. TERENCE'S PHORMIO, HORACE'S ODES AND EPODES. Second semester. Three credit hours.

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. Prerequisite, 3. PROFESSOR ROCKWELL

- *5. CICERO'S DE OFFICIIS, BOOK III. First semester. Three credit hours.

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. Prerequisite, 1-2. PROFESSOR ROCKWELL

- *6. HORACE'S SATIRES. Second semester. Three credit hours.

Horace's practical outlook on life is emphasized. Prerequisite, 5. PROFESSOR ROCKWELL

50. LATIN MASTERPIECES THROUGH ENGLISH TRANSLATIONS. Second semester. Three credit hours.

This course is a required minor for a major in English. It is a continuation of Greek 49. PROFESSOR ROCKWELL

*Open only to juniors and seniors.

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, 3-4, 5-6, 7-8, 9-10, 11-12. 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. GENERAL SURVEY OF HISTORY. First and second semesters. Three credit hours each semester.

A general comprehensive view of the history of the world is given in this course, by lectures and collateral reading. Open to all upper-classmen.

DEAN THOMPSON

3-4. 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

*5-6. THE FOUNDATIONS OF MODERN EUROPE. First and second semesters. Two credit hours each semester.

The first semester extends from the sixteenth century to the Treaty of Utrecht. The second semester covers the period to the Congress of Vienna. Prerequisite, 1-2, 3-4.

DEAN THOMPSON

*7-8. HISTORY OF MODERN EUROPE. First and second semesters. Three credit hours each semester.

The first semester covers the History of Europe from 1815 to 1870. In the second semester special attention is given to present-day problems. Prerequisite, permission of instructor.

DEAN THOMPSON

9-10. 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

11-12. AMERICAN HISTORY. First and second semesters. Three credit hours each semester.

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. A student may enter the course second semester only by permission of the instructor.

ASSISTANT PROFESSOR GARDNER

*Open only to juniors and seniors.

- 13-14. 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. Not offered in 1927-1928.

ASSISTANT PROFESSOR GARDNER

- *15-16. ECONOMIC HISTORY OF THE UNITED STATES. First and second semesters. Two credit hours each semester.

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. Prerequisite, 11-12, or permission of the instructor.

ASSISTANT PROFESSOR GARDNER

17. 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. DEAN THOMPSON

18. ROMAN CIVILIZATION. Second semester. Two credit hours. The growth of Roman government and culture is studied in this course. DEAN THOMPSON

19. 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 1927-1928.

DEAN THOMPSON

20. 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 1927-1928.

ASSISTANT PROFESSOR GARDNER

- 23-24. RENAISSANCE AND REFORMATION. First and second semesters. Two credit hours each semester.

The first semester is devoted to an intensive study of the Renaissance movement. The second semester covers a like study of the Reformation. Prerequisite, twelve hours of history. Not offered in 1927-1928.

DEAN THOMPSON

JOURNALISM

(See ENGLISH)

LATIN

(See GREEK and LATIN)

*Open only to juniors and seniors.

MATHEMATICS

PROFESSOR JONES, PROFESSOR EGBERT, MISS LIPSCOMBE,
MISS REGER

Major: A total of thirty-two hours is required for a major in mathematics.

1. 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, variation, progressions, mathematical induction, binomial theorem, permutations, and combinations.

2. 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.

3. ANALYTIC GEOMETRY AND CALCULUS. First semester. Three credit hours.

The work of this course includes a study of the straight line, conics, polar co-ordinates, transformation of co-ordinates, differentiation of functions, with applications to problems in maxima and minima, and mechanics. Prerequisite, 1 and 2. PROFESSOR EGBERT

4. INTEGRAL CALCULUS. Second semester. Three credit hours.

This is a course in the integration of the usual types of functions, with applications to problems involving lengths of arc, areas, volumes, center of gravity, and moment of inertia. Prerequisite, 3.

PROFESSOR EGBERT

*5. ADVANCED CALCULUS. First semester. Three credit hours.

The following subjects are studied: partial differentiation, differentiation of implicit functions, multiple integrals, infinite series, development of functions into series, curve-tracing and surface-modeling, differentiation of integrals. Prerequisite, 4. PROFESSOR JONES

*6. DIFFERENTIAL EQUATIONS. Second semester. Three credit hours.

This course deals with the solution of equations found in physics, chemistry, and engineering. Prerequisite, 4. PROFESSOR JONES

7. HISTORY OF MATHEMATICS. First semester. Three credit hours.

The history of the invention and development of the notions, language, symbols, and methods of elementary mathematics will be studied in this course. Prerequisite, 1 and 2. PROFESSOR JONES

*Open only to juniors and seniors.

8. THEORY OF EQUATIONS. Second semester. Three credit hours. This course takes up topics relating to the solution of equations; such as, complex numbers, Newton's and Horner's methods of solving equations, Stum's functions, determinants, symmetric functions, and elimination. Prerequisite, 3. PROFESSOR JONES

9-10. DESCRIPTIVE ASTRONOMY. First and second semesters. Three credit hours each semester.

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. Prerequisite, 1 and 2. Not offered in 1927-1928. PROFESSOR EGBERT

50-57. MATHEMATICS.

Courses 50-57 inclusive are given only for students in co-operative courses. For description see under Mathematics in the College of Engineering and Commerce.

58. MATHEMATICS OF FINANCE.

For commerce students only. For description see under Commerce in College of Engineering and Commerce.

MILITARY SCIENCE AND TACTICS RESERVE OFFICERS' TRAINING CORPS

CAPTAIN WM. L. TYDINGS, INFANTRY (D. O. L.), *Professor*;

CAPTAIN MERL L. BRODERICK, INFANTRY (D. O. L.),

Assistant Professor; FIRST LIEUTENANT EDMUND M.

GREGORIE, INFANTRY (D. O. L.), *Assistant Pro-*

fessor; MASTER SERGEANT HENRY METZGER,

U. S. A. (RETIRED), *Instructor*; SERGEANT

STEVE KISH, DETACHED ENLISTED MEN'S

LIST, U. S. A., *Instructor*

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 Officer's 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 (three years for Co-operative students), elective for the men who have completed satisfactorily the basic course and the first two years of scholastic work for Engineering and Commerce students.

*Open only to juniors and seniors.

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.

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

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 and pre-junior years for Co-operative students. 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 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.

JUNIOR YEAR

Subject	Theoretical Hours	Practical Hours
Browning Machine Gun	18	38
Field Engineering	8	4
Combat Principles (Machine Gun)	12	4
Command and Leadership	18	34
Military Sketching	10	14
Total hours per school year	66	94.....160

SENIOR YEAR

Subject	Theoretical Hours	Practical Hours
Military History and National Defense Act	20	
Administration	2	6
Combat Principles	18	28
Command and Leadership	18	34
Howitzer Company Weapons	14	14
Military Law	4	
Rules of Land Warfare	2	
Total hours per school year	78	82.....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 class room work with proper preparation of subjects for recitations, and practical work either indoors or out, putting into execution the lessons learned in the class room. 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. To those who attend, the Government pays mileage 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

Entrance: Candidates for entrance presenting but one year of Modern Language, with a grade of 85%, may take the second year on trial. If the grade was lower than 85%, they must take the first year over, and will receive only half credit for the work.

Credit for college work in Modern Language is indicated by the following table:

High School credits	Course entered in college	Credit given
1 unit	Second year	Full credit
	First year	Half credit
2 units	Second year	Full credit
	First year	No credit
3 units	Third year	Full credit
	Second year	Half credit
	First year	No credit
4 units	Third year	Full credit
	Second year	No credit

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

1-2. 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

- 3-4. SECOND YEAR FRENCH. First and second semesters. Three credit hours each semester.

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. Prerequisite, 1-2.

MR. TAILLIART

- 5-6. THIRD YEAR FRENCH: THE FRENCH NOVEL. First and second semesters.

The work includes the reading and study of eight or nine leading novels of the nineteenth century. Prerequisite, 3-4.

ASSISTANT PROFESSOR REED

- 7-12. ADVANCED FRENCH. First and second semesters. Three credit hours each semester.

This course will be chosen from the following list: 7-8, The French Drama of the 17th Century; 9-10, Modern Literature; 11-12, A Survey of French Literature. Prerequisite, 5-6. MR. TAILLIART

SPANISH

- 1-2. 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

- 3-4. SECOND YEAR SPANISH. First and second semesters. Three credit hours each semester.

This course includes a review of grammar, with dictation, conversation, and the reading of several texts. Prerequisite, 1-2.

MISS ROGERS

- 5-6. COMMERCIAL SPANISH. First and second semesters. Two credit hours each semester.

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. Prerequisite, 3-4.

MISS ROGERS

- 7-8. THE SPANISH DRAMA. First and second semesters. Three credit hours each semester.

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 resumé in Spanish. Prerequisite, 3-4 or the equivalent with a grade not lower than B. MISS ROGERS

- 9-10. THE SPANISH NOVEL. First and second semesters. Three credit hours each semester.

This course includes the reading of Don Quixote and representative works of Spanish novelists of the nineteenth and twentieth centuries. This course and 7-8 are given in alternate years. Prerequisite, 3-4 or the equivalent with a grade not lower than B. Not offered in 1927-1928. MISS ROGERS

GERMAN

- 1-2. 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

- 3-4. SECOND YEAR GERMAN. First and second semesters. Three credit hours each semester.

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. Prerequisite, 1-2.

PROFESSOR BULGER

- 5-14. ADVANCED GERMAN. First and second semesters. Three credit hours each semester.

At least one of the following advanced courses will be offered: 7-8, Schiller; 9-10, Goethe; 11-12, History of German Literature; 13, Lessing, and 14, Modern Drama; 5, German Daily Life, and 6, The Short Story. These courses are conducted entirely in the German language, and require reports of research work. Prerequisite, 3-4.

PROFESSOR BULGER

- 15-16. READING COURSE FOR SCIENCE STUDENTS. First and second semesters. One credit hour each semester.

Prerequisite, 4.

PROFESSOR BULGER

MUSIC

MR. FRANCESCO B. DE LEONE, *Director*, MR. WILLIAM E. STRASSNER,
MR. J. GARFIELD CHAPMAN

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 class room 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.

Opportunity is offered for private instruction in piano under Mr. De Leone, in violin under Mr. Chapman, and in voice under Mr. Strassner. For information concerning fees consult Mr. De Leone, director of music.

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

This course is carried on as class room 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.

MR. DE LEONE

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

MR. DE LEONE

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

MR. DE LEONE

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

MR. DE LEONE

BAND. First and second semesters. One credit hour each semester for students not in R. O. T. C.

MR. STRASSNER

PHILOSOPHY

PROFESSOR OLIN

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

1-2. PSYCHOLOGY. First and second semesters. Three credit hours each semester.

This is an introductory course covering the whole subject. Experiment and seminar work accompany the text. The text is *Essentials of Psychology*, by Pillsbury. PROFESSOR OLIN

*3-4. ETHICS. First and second semesters. Three credit hours each semester.

This is a study of the ideals and standards of conduct, the development of the individual life, and the laws of moral progress. Textbooks: Mackenzie and Valentine. Prerequisite, Psychology 1-2.

PROFESSOR OLIN

*5-6. PHILOSOPHY. First and second semesters. Three credit hours each semester.

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. Textbook: Fletcher's *Introduction to Philosophy*. Prerequisite, Psychology 1-2.

PROFESSOR OLIN

*7. HISTORY OF MODERN PHILOSOPHY. First semester. Three credit hours.

Prerequisite, 5-6.

PROFESSOR OLIN

10. 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

MR. FRED S. SEFTON, *Director*, ASSISTANT PROFESSOR BLAIR,
ASSISTANT PROFESSOR BABCOCK, MR. SMITH, 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 are noted, and healthful exercise is prescribed to fit each student's 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 devoted to boxing, wrestling, basketball, apparatus work, wand, dumbbell 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 bathrooms. 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 Human Biology 13-14, two hours a week for a year, or Physiology 7-8.

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 15-16, two hours a week for a year, or Physiology 9-10.

PHYSICS

PROFESSOR HOUSEHOLDER, MR. FOUTS, MISS SPERRY

Note: In order to adapt the instruction in physics to the regular four credits per semester schedule, the introductory work has been divided into three sections, which are designated as Courses 1, 2, and 3. Courses 1 and 2 must be taken in sequence, but 3 may either precede or follow 1 and 2. Courses 4, 5, 6, 7, 8, and 9 are less elementary in character, and are intended to give the student a further knowledge of the subjects considered in 1, 2, and 3. They are planned to prepare the student for the teaching of physics and mathematics, and for the study of the higher branches of physics. Students who desire to prepare themselves for technical work in the industrial laboratories or in the civil service will find that these courses, together with the more advanced courses, 20 and following, afford sufficient training. Courses 51-62 are for students in the College of Engineering and Commerce.

Major: A major in physics includes a minimum of thirty credit hours in addition to the thesis course 10, and the completion of the mathematics up to and including the calculus. While not strictly necessary, it is very desirable that students wishing to major in physics complete courses 1 and 2 in the freshman year.

Minors: A list of the minors required of all B. S. students is given on introductory pages.

1. MECHANICS, WAVE MOTION, AND SOUND. First semester. Four credit hours.

Two lectures and six hours of laboratory work per week.

PROFESSOR HOUSEHOLDER AND ASSISTANTS

2. HEAT, ELECTRICITY, AND MAGNETISM. Second semester. Four credit hours.

Two lectures and six hours of laboratory work per week.

PROFESSOR HOUSEHOLDER AND ASSISTANTS

3. LIGHT AND RADIATION. First semester. Four credit hours.

Two lectures and six hours of laboratory work per week.

PROFESSOR HOUSEHOLDER AND ASSISTANTS

4. HEAT. Second semester. Four credit hours.

Two lectures and six hours of laboratory work per week. Prerequisite, 1, 2, 3.

PROFESSOR HOUSEHOLDER

5. ELECTRICITY AND MAGNETISM. First semester. Four credit hours.

Two lectures and six hours of laboratory work per week. Prerequisite, 1, 2, 3.

PROFESSOR HOUSEHOLDER

6. ADVANCED ELECTRICITY AND MAGNETISM. Second semester. Four credit hours.

Two lectures and six hours of laboratory work per week. A continuation of 5.

PROFESSOR HOUSEHOLDER

7. LIGHT. First semester. Three credit hours.

An advanced course in physical optics with special emphasis on the nature of radiation and its importance in modern physical theory and research. Three lectures per week. Prerequisite, 4 and 5.

PROFESSOR HOUSEHOLDER

8. ELECTRICAL THEORY OF MATTER. Second semester. Two credit hours.

Two lectures per week. Prerequisite, 5. PROFESSOR HOUSEHOLDER

9. LIGHT LABORATORY. First semester. Two credit hours.

Six hours per week to accompany Physics 7. This course is required of Physics majors. PROFESSOR HOUSEHOLDER

10. THESIS COURSE. Two credit hours per semester in the senior year.

An individual problem course in the student's strongest field. For advanced students in Liberal Arts College.

20. ADVANCED MECHANICS. Either semester. Two credit hours.

Two lectures and recitations per week. For advanced students only. PROFESSOR HOUSEHOLDER

21. PHYSICAL MEASUREMENTS. Either semester. Credit according to work done.

Laboratory problems.

22. ELEMENTARY THERMODYNAMICS. Either semester. Two credit hours.

Two lectures per week.

23. MODERN PHYSICAL THEORIES. Either semester. Two credit hours.

Two lectures per week. An advanced course in radiation.

The following courses are for students in the College of Engineering and Commerce.

51-52. FRESHMAN MECHANICS.

Three recitations and four hours of laboratory work per week.

PROFESSOR HOUSEHOLDER AND MR. FOUTS

53-54. SOPHOMORE MECHANICS.

Four recitations and four hours of laboratory work per week.

MR. FOUTS

55. HEAT.

Three recitations and four hours of laboratory work per week.

MR. FOUTS

56. WAVE MOTION, SOUND, AND LIGHT.

Three recitations and four hours of laboratory work per week.

MR. FOUTS

61-62. GENERAL PHYSICS FOR COMMERCE STUDENTS.

Four recitations and four hours of laboratory work per week.

PROFESSOR HOUSEHOLDER AND ASSISTANTS

POLITICAL SCIENCE

PROFESSOR CRECRAFT, ASSISTANT PROFESSOR HALLENBECK,
MR. DOUTT

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

1-2. AMERICAN GOVERNMENT. First and second semesters. Four credit hours each semester.

This fundamental course aims to give the student a general survey of the American government. The course is required of all freshmen enrolled for the A. B. degree. The first semester only is required of all freshmen in Teachers College. Course 1 is also repeated second semester.

ASSISTANT PROFESSOR HALLENBECK, MR. DOUTT

3. ELEMENTS OF STATECRAFT. First semester. Three credit hours. This course aims at giving the student a survey of the general field of political science. It is a fundamental course open to all upper classmen.

PROFESSOR CRECRAFT

4-5. 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.

ASSISTANT PROFESSOR HALLENBECK

7. AMERICAN POLITICAL PARTIES. First semester. Three credit hours.

This course aims to give the student a general survey of political parties in the United States, emphasizing their structure, composition, problems, and services. It is open to all upper classmen.

PROFESSOR CRECRAFT

8. GOVERNMENTS AND PARTIES OF EUROPE. Second semester. Three credit hours.

This course is to acquaint students with the essential features of the government and politics of Europe. It is open to all upper classmen.

PROFESSOR CRECRAFT

14. PUBLIC ADMINISTRATION. Second semester. Three credit hours.

This course is intended to give the student an understanding of the strictly administrative work of the federal and state governments. Given 1927-1928 and alternate years thereafter. Prerequisite, 1-2.

15. LEGISLATIVE PROCEDURE. Second semester. Three credit hours. This course alternates every other year with Public Administration. The course is intended to acquaint the student with the mechanics and methods of procedure of legislative assemblies. Given 1928-1929 and alternate years thereafter. Prerequisite, 1-2.

PROFESSOR CRECRAFT

19. CONSTITUTIONAL LAW. First semester. Three credit hours.

This is a study of the U. S. Constitution based on the case book method. Text: Evan's *Cases Constitutional Law*, Second Edition. Prerequisite, 1-2. PROFESSOR CRECRAFT

20. GOVERNMENT AND BUSINESS. Second semester. Three credit hours.

This course presents the subject of government from the point of view of its relation to business and occupational interests. It is a general survey of all that government does to promote and to control business life. Prerequisite, 1-2. PROFESSOR CRECRAFT

21. POLITICAL THEORY. First semester. Three credit hours.

A brief study of the content and nature of political thought; a comprehensive study of political theories from the ancients down to the present day. Special attention given to the analysis of contemporary theories. Prerequisite, 1-2. ASSISTANT PROFESSOR HALLENBECK

22. MUNICIPAL CORPORATIONS. Second semester. Three credit hours.

The legal position of the city in the governmental system; relation of city to the states; powers, duties, and liabilities of cities as legal entities, with special reference to Ohio law. Given 1927-1928 and alternate years thereafter. Prerequisite, 1-2. ASSISTANT PROFESSOR HALLENBECK

24. MUNICIPAL FINANCE. Second semester. Three credit hours.

A survey of municipal taxation, municipal expenditures, and municipal indebtedness. Special attention given to the administrative and legal aspects of the subject. Given 1928-1929 and alternate years thereafter. Prerequisite, 1-2. ASSISTANT PROFESSOR HALLENBECK

25. WORLD POLITICS. First semester. Three credit hours.

This course traces the evolution of the foreign policies of the Great Powers. The growth of conflicting policies, the means of reconciling conflicts, and the international machinery utilized in adjusting conflicts, are among the main topics included. Prerequisite, 1-2. PROFESSOR CRECRAFT

26. INTERNATIONAL LAW. Second semester. Three credit hours.

This course includes the rules and customs which determine the conduct of nations in peace, in war, and in neutrality. Prerequisite, 1-2. 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 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 96 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.

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.

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

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.

THE ARTS-DENTISTRY COMBINATION COURSE

This course includes seven years—three at the University of Akron, and four at the School of Dentistry.

The General Requirements in Buchtel College of Liberal Arts are three years' residence, 96 semester hours' credit with an average grade of at least 85%, and the completion of all freshman, major, and minor requirements for the B. S. degree.

The following subjects must be included: Chemistry 1-2 or 3-4, Biology 1-2, English 1-2; also Physics 1-2, if the student did not offer one unit of High School Physics for entrance. (Students entering the School of Dentistry in the fall of 1929, or later, must have had in addition at least 3 hours of Organic Chemistry).

While not required, the following subjects are recommended for all pre-dental students: Vertebrate Anatomy, Psychology, Ethics, Sociology, Free-hand Drawing.

On the satisfactory completion of his first year at the School of Dentistry, the student will receive the degree of Bachelor of Science with his class at the University of Akron.

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.

COLLEGE OF ENGINEERING
AND COMMERCE

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

GENERAL INFORMATION

The Directors of the 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.

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 nine 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 nine 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. Twenty-two weeks of each year are spent in the class room.

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 this type of vocational education was selected as being the latest and the one best adapted to the city's needs; therefore no other courses in Engineering and Commerce are offered.

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 object of requiring outside work is to give the student practical experience and not to enable him to earn money. The student's earnings are not sufficient to pay his expenses. The student is frequently called upon to change practice jobs where the change means a decrease in salary.

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, Bachelor of Science in Commerce, Bachelor of Science in Business Administration, and Bachelor of Science in Secretarial Science, will be granted to those students who satisfactorily complete the required work of the respective course of study. 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 and 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.

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

Students entering with conditions must remove them before the beginning of the sophomore year. Students who enter with a deficiency in foreign language must remove such deficiency before graduation.

ESTIMATED EXPENSE OF FRESHMAN YEAR

FIRST SEMESTER

	Resident	Non-Resident
Tuition	Free	\$ 60.00
Fees	\$38.75	38.75
Books and Drawing Instruments	40.00	40.00
Total	\$78.75	\$138.75

SECOND SEMESTER

	Resident	Non-Resident
Tuition	Free	\$ 60.00
Fees	\$33.75	33.75
Books	8.00	8.00
Total	\$41.75	\$101.75

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 per week.

DEPARTMENTS OF INSTRUCTION

The general numbering and arrangement of courses on the following pages is according to this order :

ENGINEERING :	Courses Numbered
Civil Engineering	1-40
Electrical Engineering	1-62
Mechanical Engineering	1-88
COMMERCE	1-88
SECRETARIAL COURSE	2-10
MISCELLANEOUS COURSES :	
Biology	30
Chemistry	31, 32 and A. 1-2
Co-ordination	1-16
Economics	A. 7 and A. 8
English	81-88
Mathematics	51-58
Physics	51-62
Political Science	A. 20

PHYSICAL AND MILITARY TRAINING

Letters prefixed to course numbers indicate that these courses are given in the respective colleges or departments, as follows :

- A—College of Liberal Arts
- C—Commerce
- M. E.—Mechanical Engineering
- C. E.—Civil Engineering
- E. E.—Electrical Engineering
- S—Secretarial Science

CIVIL ENGINEERING

FRESHMAN YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Military Training	2	Military Training	2
Physical Training	1	Physical Training	1
Mathematics 51	6	Mathematics 52	6
Drawing M. E. 3	4	Drawing M. E. 4	4
Physics 51	5	Physics 52	5
Engineering Laboratory C. E. 1- E. E. 1-M. E. 1	4	Engineering Laboratory C. E. 1- E. E. 1-M. E. 1	4
Co-ordination 1-7	2	Co-ordination 2-8	2

SUMMER TERM

Mathematics	6
Surveying C. E. 4	16

SOPHOMORE YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Military Training	2	Military Training	2
Physical Training	1	Physical Training	1
Mathematics 53	5	Mathematics 54	5
Physics 53	6	Physics 54	6
Descriptive Geometry M. E. 8	4	Power Plants M. E. 21	5
Co-ordination 9	1	Co-ordination 10	1

SUMMER TERM

Structural Drawing C. E. 10	16
Mathematics 5	6

PRE-JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Chemistry A. 1	8	Chemistry A. 2	8
Mathematics 56	3	Mathematics 57	3
Physics 55	5	Strength of Materials C. E. 16	6
Roofs and Bridges C. E. 12	6	Materials Laboratory C. E. 18	3
		Roofs and Bridges C. E. 14	2

SUMMER TERM

Railroads C. E. 20	10
Reinforced Concrete C. E. 22	8
Cement Testing C. E. 24	4

JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English Composition 81	4	English Composition 82	4
Hydraulics M. E. 75	6	Highways C. E. 30	4
D. C. Theory E. E. 5	6	A. C. Theory E. E. 6	6
D. C. Laboratory E. E. 7	4	A. C. Laboratory E. E. 8	4
Concrete Design C. E. 26	6	Steel Design C. E. 28	6

SUMMER TERM

Hygiene and Sanitation 30	16
Engineering Geology C. E. 32	6

SENIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Accounting C. 38	6	Business Organization C. 60	6
Sewerage C. E. 34	6	Water Supply C. E. 38	6
Economics C. 52	6	Economics C. 53	6
Engineering Design C. E. 36	2	Engineering Design C. E. 40	2
English Literature 85	2	English Literature 86	2

The 22 credit hours for each summer term are equal to 10 semester credit hours (Co-operative basis).

CIVIL ENGINEERING

PROFESSOR DURST, ASSISTANT PROFESSOR BULGER

1. ELEMENTARY ENGINEERING LABORATORY. First and second semesters. Four credit hours each semester.

This course, which is required of all freshmen in engineering, furnishes an introduction to the essential principles and methods in civil, mechanical, and electrical laboratory work, and will help the student to choose his particular course. One third of the year is spent in each of the three laboratories; civil (C. E. 1), electrical, (E. E. 1), and mechanical (M. E. 1). PROFESSOR DURST

4. 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, C. E. 1. PROFESSOR DURST

10. STRUCTURAL DRAWING. Summer term. Sixteen credit hours.

In this course the students are taught some of the conventional methods of representing structural shapes. Exercises are given on the detailing of riveted joints, beams, girders, columns and roof trusses. Prerequisites, Drawing M. E. 3-4, and Descriptive Geometry. PROFESSOR GRIFFIN

- 12-14. ROOFS AND BRIDGES. First and second semesters. Six credit hours first semester. Two credit hours second semester.

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: Ellis. ASSISTANT PROFESSOR BULGER

16. 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

18. 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, C. E. 16. ASSISTANT PROFESSOR BULGER

20. 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, C. E. 4. PROFESSOR DURST

22. 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, C. E. 16. ASSISTANT PROFESSOR BULGER

24. 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

26. 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: Taylor, Thompson and Smulski. Prerequisite, C. E. 16.

ASSISTANT PROFESSOR BULGER

28. 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, C. E. 16. Text: Ketchum's Structural Engineers Hand Book.

ASSISTANT PROFESSOR BULGER

30. 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

32. 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

34. 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

38. 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: Follwell. Prerequisite, Hydraulics.

PROFESSOR DURST

36-40. 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

**ELECTRICAL ENGINEERING
FRESHMAN YEAR**

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Military Training	2	Military Training	2
Physical Training	1	Physical Training	1
Mathematics 51	6	Mathematics 52	6
Drawing M. E. 3	4	Drawing M. E. 4	4
Physics 51	5	Physics 52	5
Engineering Laboratory C. E. 1- E. E. 1-M. E. 1	4	Engineering Laboratory C. E. 1- E. E. 1-M. E. 1	4
Co-ordination 1-11	2	Co-ordination 2-12	2

SUMMER TERM

Mathematics	6
Surveying C. E. 4	16

SOPHOMORE YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Military Training	2	Military Training	2
Physical Training	1	Physical Training	1
Mathematics 53	5	Mathematics 54	5
Physics 53	6	Physics 54	6
Descriptive Geometry M. E. 8	4	Power Plants M. E. 21	5
Co-ordination 13	1	Co-ordination 14	1

SUMMER TERM

Mathematics 55	6
Machine Drawing M. E. 14	12
Mechanical Engineering Laboratory M. E. 24	4

PRE-JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Mathematics 56	3	Mathematics 57	3
Chemistry A. 1	8	Chemistry A. 2	8
English Composition 81	4	English Composition 82	4
D. C. Theory E. E. 5	6	A. C. Theory E. E. 6	6
D. C. Laboratory E. E. 7	4	A. C. Laboratory E. E. 8	4

SUMMER TERM

Hygiene and Sanitation E. 30	16
Fuels 31	6

JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Economics C. 52	6	Economics C. 53	6
Advanced Electrical Theory E. E. 11	5	Advanced Electrical Theory E. E. 12	5
Adv. Electrical Lab. E. E. 13	2	Adv. Electrical Lab. E. E. 14	4
Physics 55	5	Strength of Materials C. E. 16	6
Metallurgy 32	6	Materials Laboratory C. E. 18	4

SUMMER TERM

Advanced Electrical Theory E. E. 20	14
Advanced Electrical Laboratory E. E. 22	8

SENIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Hydraulics M. E. 75	6	Thermodynamics M. E. 82	5
Electric Power Trans. E. E. 41	4	Electric Railways E. E. 52	5
Special Electrical Prob. E. E. 61	6	Special Electrical Prob. E. E. 62	6
Accounting C. 38	6	Business Organization C. 60	6
English Literature 85	2	English Literature 86	2

The 22 credit hours for the summer terms are equal to 10 semester credit hours (Co-operative basis).

ELECTRICAL ENGINEERING

PROFESSOR WALTHER, MR. SMITH

1. ELEMENTARY ENGINEERING LABORATORY. First and second semesters. Four credit hours each semester.

This course, which is required of all freshmen in engineering, furnishes an introduction to the essential principles and methods in civil, mechanical, and electrical laboratory work, and will help the student to choose his particular course. One third of the year is spent in each of the three laboratories; civil (C. E. 1), electrical, (E. E. 1), and mechanical (M. E. 1).
MR. SMITH

5. 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.
MR. SMITH

6. 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.
MR. SMITH

7. 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 5.
MR. SMITH

8. 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 6.
MR. SMITH

11-12-20. 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 5. It includes more thorough study of the theory and construction of electrical machines and appliances and a large number of problems. During the summer term inspection trips are made to power plants and sub-stations.

PROFESSOR WALTHER

13-14-22. 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 8 and includes more advanced experimental study of direct and alternating circuits and equipment, and supplements the theoretical work given in 11-12-20.

PROFESSOR WALTHER

41. 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

52. 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

61-62. 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

MECHANICAL ENGINEERING

FRESHMAN YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Military Training	2	Military Training	2
Physical Training	1	Physical Training	1
Mathematics 51	6	Mathematics 52	6
Drawing M. E. 3	4	Drawing M. E. 4	4
Physics 51	5	Physics 52	5
Engineering Laboratory (C. E. 1, E. E. 1 or M. E. 1)	4	Engineering Laboratory (C. E. 1, E. E. 1 or M. E. 1)	4
Co-ordination 1-3	2	Co-ordination 2-4	2
SUMMER TERM			
Mathematics			6
Surveying C. E. 4			16

SOPHOMORE YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Military Training	2	Military Training	2
Physical Training	1	Physical Training	1
Mathematics 53	5	Mathematics 54	5
Physics 53	6	Physics 54	6
Descriptive Geometry M. E. 8	4	Power Plants M. E. 21	5
Co-ordination 5	1	Co-ordination 6	1
SUMMER TERM			
Mathematics 55			6
Machine Drawing M. E. 14			12
Mechanical Engineering Laboratory M. E. 24			4

PRE-JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Mathematics 56	3	Mathematics 57	3
Chemistry A. 1	8	Chemistry A. 2	8
Physics 55	5	Strength of Materials C. E. 16	6
Mechanism M. E. 31	5	Materials Laboratory C. E. 18	4
Mechanism Drawing M. E. 32	2	Gas and Oil Engines M. E. 38	3
SUMMER TERM			
Fuels 31			6
Hygiene and Sanitation E. 30			16

JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Steam Power Plants M. E. 45	4	Steam Power Plants M. E. 46	4
Metallurgy 32	6	Machine Design M. E. 55	6
D. C. Electricity E. E. 5	6	A. C. Electricity E. E. 6	6
D. C. Laboratory E. E. 7	4	A. C. Laboratory E. E. 8	4
English Composition 81	4	English Composition 82	4
SUMMER TERM			
Machine Design M. E. 56			12
Mechanical Engineering Laboratory M. E. 61			10

SENIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Heat. and Ventilation M. E. 71	4	Thermodynamics M. E. 82	5
Hydraulics M. E. 75	6	Economics C. 53	6
Economics C. 52	6	Business Organization C. 60	6
Accounting C. 38	6	English Literature 86	2
English Literature 85	2	Elective M. E. 88	5

The 22 credit hours for the summer term are equal to 10 semester credit hours (Co-operative basis).

MECHANICAL ENGINEERING

PROFESSOR GRIFFIN, ASSISTANT PROFESSOR UPP, MR. SAHAG

1. ELEMENTARY ENGINEERING LABORATORY. First and second semesters. Four credit hours each semester.

This course, which is required of all freshmen in engineering, furnishes an introduction to the essential principles and methods in civil, mechanical, and electrical laboratory work, and will help the student to choose his particular course. One third of the year is spent in each of the three laboratories; civil (C. E. 1), electrical (E. E. 1), and mechanical (M. E. 1).

ASSISTANT PROFESSOR UPP

3. ELEMENTARY ENGINEERING DRAWING. First semester. Four credit hours.

The object of this course is to train the student in freehand sketching, lettering, and mechanical drawing. Special attention is given to the proper use and care of drawing instruments.

PROFESSOR GRIFFIN, MR. SAHAG

4. 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, and screw threads.

PROFESSOR GRIFFIN, MR. SAHAG

5. MECHANICAL DRAWING. Second semester. Two credit hours on the full time basis.

This course is given to freshman commerce students. Freehand sketching, lettering, the use of instruments, and geometrical problems, are taught during the first part of the course, followed by exercises in charts and graphs.

PROFESSOR GRIFFIN, MR. SAHAG

8. 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

14. 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

21. **ELEMENTARY POWER PLANTS.** Second semester. Five credit hours.

In this course a brief survey is made of the fundamental theory and design of some of the important power producing units such as steam boilers, steam, gas and oil engines, and their accessories.

PROFESSOR GRIFFIN

24. **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 oil testing apparatus.

ASSISTANT PROFESSOR UPP

31. **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

32. **MECHANISM DRAWING.** First semester. Two credit hours.

In connection with M. E. 31, 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

38. **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

45-46. **STEAM POWER PLANTS.** First and second semesters. Four credit hours each semester.

Combustion, steam boilers, the properties of steam, and the methods of burning coal, oil and pulverized coal are studied during the first semester. During the second semester steam engines, steam turbines with their accessories are studied with some laboratory work on the testing of steam power producing units.

ASSISTANT PROFESSOR UPP

55. 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

56. MACHINE DESIGN. Summer term. Twelve credit hours.

In this course the student applies the theory as taught in M. E. 55, and makes a complete design and drawing of an assigned machine.

MR. SAHAG

61. MECHANICAL ENGINEERING LABORATORY. Summer term. Ten credit hours.

The work included in this course consists of internal combustion engine and gas producer tests and some experiments on the measurement of the flow of air and other gases. One or two out-of-town inspection trips are also features of this course.

ASSISTANT PROFESSOR UPP

71. 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

75. HYDRAULICS. First semester. Six credit hours.

Some of the topics studied in this course are problems on water pressure, stability of simple structures subjected to water pressure, the flow of water and its measurement and the fundamental principles of water pumps and motors.

PROFESSOR GRIFFIN

82. THERMODYNAMICS. Second semester. Five credit hours.

In this course the transformation of heat into mechanical energy is studied with special reference to steam boilers, engines and turbines, internal combustion engines and refrigerating systems.

ASSISTANT PROFESSOR UPP

88. 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

COMMERCE

Two courses of study in Commerce are offered, a regular course and a selective co-operative course. All students are required to attend college full time during the first year, after which, those who have completed the freshman work may apply for the selective co-operative course. All applicants who are able to satisfy the faculty as to their scholastic ability and personal qualifications will be admitted to the co-operative course; others will take the regular course.

The regular course of study requires four years and two summers for its completion. During this period the student will complete the subject matter of the regular curricula in business and pursue such extra courses in his special field as he desires. The two summers are to be spent working in the industries. One of these must be in factory work.

Co-operative students will take the regular commerce course and such other subjects as they may elect. In addition these students will receive a laboratory course in the industries. The co-operative students are divided into two sections which alternate on a semester basis. While Section I is in the University, Section II is at work, and at the end of the semester when Section II returns to college, Section I replaces it in industry. Each semester and each summer term constitutes an alternation period. The course ordinarily requires five years of eleven months each for its completion but one summer may be spent in military training summer camp. During the four semesters and two summers the student is engaged in practice work he receives a progressive experience and training in several factory and office departments. By means of a series of graduated co-ordination courses he is encouraged to study his job and analyze its functions in relation to the entire organization and to apply the principles and theory learned in the class room.

To keep the student in a proper attitude while he is engaged in practice work he is required to take, either in the Evening Session or by correspondence, four credit hours of course work a semester.

GRADUATION AND DEGREE

Candidates for graduation in either the regular course or the co-operative course must present 128 credit hours of class work with the requisite number of honor points. In addition, regular students must submit an "Industrial Experience Report" based upon their summer experiences in industry, and a report upon some special, assigned topic. In lieu of the reports required of those pursuing the

regular course, co-operative students must submit satisfactory treatises upon some problem or phase of the industry in which they have been engaged.

Graduates of the regular course receive the degree of Bachelor of Science in Commerce, while those of the co-operative course, in recognition of additional supervised practical training, receive the degree of Bachelor of Science in Business Administration.

OUTLINE OF REGULAR COURSE

FRESHMAN YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Algebra	4	Trigonometry	4
Rhetoric	3	Rhetoric	3
Commercial and Industrial Geography C. 20	3	Economic Development of U. S. C. 23	3
Mechanical Drawing M. E. 5.....	2	Business Administration C. 60.....	3
Orientation C. 1	2	Orientation C. 2	2
Physical Training	1	Physical Training	1
Military Training	1	Military Training	1

SOPHOMORE YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Science (Chemistry or Physics) ..	4	Science (Chemistry or Physics) ..	4
Economics C. 50	3	Economics C. 51	3
Accounting C. 30	3	Accounting C. 31	3
Psychology	4	Money and Banking C. 70	3
Business Law C. 40	2	Business Law C. 41	2
Physical Training	1	Physical Training	1
Military Training	1	Military Training	1

JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Accounting C. 32	3	Accounting C. 33 (Elective)	3
Marketing C. 80	3	Government and Business A. 20..	3
Labor Problems A. 7	3	Foreign Trade A. 8	3
Business Correspondence S. 6	3	Business Management C. 63	3
Literature 88	3	Principles of Advertising C. 87... 3	
Business Finance C. 73	3	Statistics C. 57	4

SENIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Cost Accounting C. 34 (Required)	2	Cost Accounting C. 35 (Required)	2
Auditing C. 36 (Elective)	2	Investments C. 77 (Elective)	3
Problems in Business Economics C. 59 (Elective)	3	Factory Management C. 65 (Elective)	3
Mathematics of Finance 58 (Elective)	3	Sales Administration C. 86 (Elective)	3
Seminar C. 9 (Required)	1	Transportation C. 55 (Required) 3	
		Seminar C. 10 (Required)	1

In the senior year, candidates for graduation must present six credit hours from the commerce electives in addition to those "required."

OUTLINE OF SELECTIVE CO-OPERATIVE COURSE

FRESHMAN YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Algebra	4	Trigonometry	4
Rhetoric	3	Rhetoric	3
Commercial and Industrial		Economic Development of U. S.	
Geography C. 20	3	C. 23	3
Orientation C. 1	2	Orientation C. 2	2
Mechanical Drawing M. E. 5	2	Business Administration C. 60.....	2
Physical Training	1	Physical Training	1
Military Training	1	Military Training	1

SUMMER TERM

Work in industry or R. O. T. C. Summer Camp

SOPHOMORE YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Economics C. 50	3	Accounting C. 31 (Evening	
Accounting C. 30	3	Session)	3
Psychology	4	Work	
Business Correspondence S. 6	3		
Co-ordination C. 1	2		
Physical Training	1		
Military Training	1		

SUMMER TERM

Economics C. 51	3
Money and Banking C. 70	3
Business Administration C. 60 or an Elective	3

PRE-JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Business Law C. 40 (Evening		Advertising C. 87	3
Session)	2	Business Law C. 41	2
Accounting C32 (Evening		Government and Business 20	3
Session)	3	Business Management C. 63	3
Work		Foreign Trade 8	3
		Literature	3

Work

SUMMER TERM

JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Marketing C. 80	3	Cost Accounting C. 35 (Evening	
Labor Problems 7	3	Session)	2
Cost Accounting C. 34	2	Elective (Evening Session)	2
Transportation C. 55	3	Work	
Business Finance C. 73	3		
Electives	3		

SUMMER TERM

Science or Statistics C. 57	4
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SENIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Problems in Business Economics		Investments C. 77	3
C. 59 (Evening Session)	2	Sales Administration C. 86	3
Seminar 9 (Day Session)	1	Problems in Finance C. 75	3
Work		Factory Management C. 65	3
		Statistics C. 57 (Required)	4
		Seminar 10	1

Six hours in the senior group are required in addition to Statistics and Seminar. Total hours of required subjects 112.

COMMERCE

PROFESSOR LEIGH, MR. MARSH, MR. HOLMES, MR. KEPLINGER,
MR. LEWERS

1-2. ORIENTATION. First and second semesters. Two credit hours each semester.

The purpose of this course is to introduce the student to university work and methods, and to business as a profession. By means of problems and discussions he is led to analyze his reasons and purpose in entering upon his elected course, and to choose the most effective means of reaching his goal. Much attention is given to teaching the student how to study, and how to classify and file his information. A second and essential part of the course is business report writing. These reports, such as "Methods of Increasing the Efficiency of Study" and "Choosing a Career," cover the subjects considered during the discussion periods. The reports are criticized from the standards established, and each year the best report is filed for reference and the writer's name published. This course is required of all Commerce freshmen.

3-4. PERSONNEL RELATIONS. First and second semesters. One credit hour each semester.

This study is undertaken for the purpose of developing the student's personality and ability to deal with men. The student is taught to observe the personal factors encountered on his job, such as relations with the other workmen, the foreman's attitude, and employer and employee relations generally, in order to gain a knowledge of the actions and reactions of different types of men under various circumstances.

5-6. JOB ANALYSIS. First and second semesters. One credit hour each semester.

The student will be required to analyze the principal jobs in the industries in which he has worked. The particular object of this study is to have him consider industrial activities in their relationship to each other, and to visualize as clearly as possible the work of management as an ensemble, and the correlation of the various factors of finance, selling and production.

M. E. 5. MECHANICAL DRAWING. First semester. Two credit hours.

For freshmen Commerce students. Listed under Mechanical Engineering.

9-10. SEMINAR. First and second semesters. One credit hour each semester.

This course is required of all students qualifying for degrees. Each student is required to make a thorough study of some problem or topic in his particular field. This course is in lieu of a thesis. The topic must meet the approval of the faculty and the credit received is dependent upon the quality of the work done.

PROFESSOR LEIGH AND OTHERS

20. COMMERCIAL AND INDUSTRIAL GEOGRAPHY. First semester.
Three credit hours.

This introductory course develops a clear conception of environmental elements such as climate, land forms, soils, mineral resources, and native vegetation, and shows the influence these elements have wrought on man. They have caused man's economic activity to take various forms, which in turn have caused an interesting social and industrial development.

The course also prepares the student for the study of economics, by analyzing the physical factors which constitute the economic basis of domestic and foreign trade, the determinates of history, and population movements, and the causes of international strife. Required of all Commerce students. MR. MARSH

23. ECONOMIC DEVELOPMENT OF THE UNITED STATES. Second semester. Three credit hours.

As a background for a thorough study of American economic history a study is made of those features in England which have influenced the industrial life in the United States. The course traces the industrial development of the American people. Such interesting topics are considered as exploration and settlement, territorial acquisition, land policies, population growth, and the growth of commerce, crises, industrial combinations, and conservation. A survey is made of the origin and development of the present-day banking institutions and railroad systems, tariff and the labor unions, agricultural methods, mass-production methods of manufacturing and distribution, and the government regulation of trade. Required of all Commerce students. MR. MARSH

30-31. ACCOUNTING. First and second semesters. Three credit hours each semester.

This course introduces the student to the details of business management and trains him in the exact interpretation and the formal recording of important transactions such as the acquisition of assets and their depreciation, the borrowing of money, the incurring of expenses, the making of purchases and sales, the issuing of stocks and bonds, the amortization of bond premium and discount. Book-keeping does not occupy much of the time of the student, although its principles are mastered in working out complete practice sets of books, and solving many shorter business problems.

Attention is directed to the balance sheet and the statement of profit and loss, their proper construction, the interpretation of each item thereon, and the managerial use made of these reports. This course is required of all Commerce sophomores. MR. MARSH

32-33. ACCOUNTING. First and second semesters. Three credit hours each semester.

This course is a continuation of Accounting 30-31 which is prerequisite. In addition to the text a series of graded problems is used to illustrate the form and content of the balance sheet and the profit and loss statement, analysis of profits, application of funds, capital expenditures and depreciation policies, determination of cost for inventory valuations, installment accounts, consignments, branches and agencies, consolidation and other branches of accounting. Required of pre-juniors.

MR. MARSH

34-35. COST ACCOUNTING. First and second semesters. Two credit hours each semester.

The purposes of cost accounting are to determine the cost or the profit on each unit of product or service, to determine the profitable lines of endeavor, to secure accurate and perpetual inventories, and to secure information necessary to lay down wise managerial policies. Special attention is given in this course to the statements, schedules and reports which are to be derived from cost accounting records. The method of presentation is by lectures, discussions, problems, and practice cost sets. Required of all Commerce seniors. Prerequisite, Accounting 30-31.

MR. MARSH

36. AUDITING. First semester. Two credit hours.

This course covers both theory and practice of auditing, discussion being supplemented by problems, questions, and specimen working papers applicable to balance sheet audits. The subject matter covers the procedure involved in cash funds, accounts receivable, inventories, investments, deferred charges, capital assets, intangible assets, liabilities, accounts showing net worth, closing of an audit, and construction of audit reports. Prerequisite, Accounting 32-33.

MR. MARSH

37. ACCOUNTING PROBLEMS. Second semester. Three credit hours.

This course is designed primarily to meet the requirements of students who intend to enter the accounting profession. The problems cover such topics as partnerships, joint ventures, corporations, executors, administrators and trustees, accounting procedure in dissolutions, interpretation of partnership agreements, consolidated balance sheets and statements of profit and loss, working capital requirements, and actuarial science. Open to seniors and others with the consent of the instructor. Prerequisite, Accounting 32-33.

MR. MARSH

38. ACCOUNTING. First semester. Six credit hours.

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

MR. MARSH

40-41. BUSINESS LAW. First and second semesters. Two credit hours each semester.

The origin of commercial law, the elements, operation and discharge of contracts, the law of sales, of agency, and of negotiable instruments, partnerships and corporation, are studied, giving strict attention to the statutes which form the working machinery for carrying on economic activity. Lectures and study by means of the case method direct the student to the analysis of business problems, clear thinking, and clear statement of facts. Open to Commerce pre-juniors and others with the consent of the instructor.

MR. HOLMES

50-51. ECONOMICS. First and second semesters. Three credit hours each semester.

This course covers the basic principles and concepts in economics; production, consumption and distribution of wealth; labor organization and problems; money, credit and banking; international trade and foreign exchange; economic crises; transportation; agricultural problems; social programs; public receipts and expenditures. It is a foundation for all other courses in Commerce. This course is required of all Commerce students.

MR. HOLMES

52-53. ECONOMICS FOR ENGINEERS. First and second semesters. Six credit hours each semester.

This course covers the basic principles and concepts of economics; production, consumption, and distribution; money and credit; transportation and trade; and some of the modern economic problems.

MR. HOLMES

55. RAILWAY TRANSPORTATION. Second semester. Three credit hours.

A study is made in this course of the American railway system from the points of view of the economist, the shipping public, and the railroad administrator. The course takes up the part played by railroads in the production, exchange and distribution of wealth, the nature and type of railroad service, principles of rate making, railroad valuation, and federal and state regulation. The course serves as a thorough review of certain principles of economics, statistics, accounting, investments, labor problems, corporation finance, and government regulation of industry.

MR. MARSH

57. STATISTICS. Second semester. Four credit hours.

The objective of this course is to teach the collection, use, and interpretation of statistical data for the purpose of solving questions relating to social control, business policy, and statecraft. The mathematical basis will be minimized to a point of thorough understanding of statistical methods, while the presentation of the results of investigation, and a knowledge of the value of statistics, will be stressed. Practice problems for laboratory and home work will supplement the study of theory. Three hours recitation and two hours of laboratory work. Required of Commerce seniors and open to others with the consent of the instructor. Prerequisite, Economics 50-51 or the equivalent. MR. HOLMES

59. PROBLEMS OF BUSINESS ECONOMICS. First semester. Three credit hours.

The business cycle as it affects the management of business is considered in this course. The problems of floating security issues, borrowing money from the banks, controlling the current operations, production and distribution that arise out of the alternating periods of prosperity and depression are analyzed and discussed. This course gives the student an opportunity to apply and synthesize the principles of accounting, finance, and management that have been learned in the more elementary courses. Open to seniors and others with the consent of the instructor. Prerequisite, 50-51, or the equivalent. PROFESSOR LEIGH

60-61. BUSINESS ADMINISTRATION. First and second semesters. Three credit hours each semester.

This course is intended to give the student a proper perspective of the business organization. The business establishment is considered as a unified, functioning and progressive concern, composed of various departments, such as finance, production, distribution, and accounting, each of which has a definite and vital function to perform. The managerial viewpoint is taken throughout, and emphasis is given to the analytical approach to business problems and the factor of executive control. The class work is supplemented by problems and trips. Required of Commerce sophomores. PROFESSOR LEIGH

62. SELLING AND SALES CORRESPONDENCE. First semester. Three credit hours.

In this course the student learns the psychology of selling and by means of oral selling talks and sales letters he secures practice. The first part of the course consists of the principles and practice of salesmanship. A careful study is made of the product preparatory to making a sales presentation of it; the pre-approach and its importance to the sale; the psychological and economic bases of the sale and the arrangement and presentation of the selling points. The second part of the course is devoted to a study of sales correspondence. MR. HOLMES AND OTHERS

63. BUSINESS MANAGEMENT. Second semester. Three credit hours.

This course is a continuation of Business Administration 60. It covers such topics as the nature of business management and business organization, types of organization, line and staff control, centralized versus decentralized control, delegation of authority, standardization, co-ordination, planning, inspection and follow up. The scientific adjustment of the relations of employer and employee is also considered. The employment department, its organization and functions, its relation with management, foreman and with workmen, selection and training of men, compensation and other incentives, are studied. Prerequisite, Business Administration 60-61.

PROFESSOR LEIGH

65. FACTORY MANAGEMENT. Second semester. Three credit hours.

Topics considered are factors affecting the location of the plant, adaptation of building to process routing of work, selection and arrangement of machinery, auxiliary departments, types of organization and special adaptation of each type, executive control, methods in production, stores, purchasing, shipping, engineering, cost and other departments, progress records, and standardization. Prerequisite, Business Management 63.

PROFESSOR LEIGH AND MR. HOLMES

70. MONEY AND BANKING. Second semester. Three credit hours.

This course is a survey of the financial field. It includes the form and functions of currency and credit, credit instruments and their use in commercial and financial transactions, the field of banking covering the kinds and functions of banking, a brief survey of banking history and a survey of the instruments, methods and operation of foreign exchange. Practical problems for study and practice will supplement the history and economic theory. Required of all Commerce sophomores.

MR. HOLMES

71. 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 during the fluctuations of the business cycle. Prerequisite, Money and Banking 70.

MR. HOLMES

73. BUSINESS FINANCE. First semester. Three credit hours.

This course unifies into a working whole all the information on the subject of finance gathered in other courses. It is a basic and comprehensive course. The financial structure and operation of modern business is examined. The necessity for and the uses of borrowed funds in business, sources of funds, the relation of the business executive of his bank and the safeguarding of credit are studied. The financial needs and operation of both large and small business are equally stressed, which makes the course of general practical value. Prerequisite, Money and Banking 70. PROFESSOR LEIGH

75. PROBLEMS IN FINANCE. Second semester. Three credit hours.

Topics to be studied include corporate organization in modern business, salient points in its legal organization, classification of the instruments of finance, promotion, underwriting, capitalization, earning, expenses, surplus, manipulation insolvency, receivership, reorganization and regulation. Working capital problems and control will be emphasized. Open to seniors and others with the consent of the instructor. PROFESSOR LEIGH

77. INVESTMENTS. Second semester. Three credit hours.

Markets and their influence on the price of securities, and the following topics will be studied: elements of sound investment and methods of computing net earnings, amortization, rights and conversions. Federal, municipal, railroad, steamship, street railway, gas, electric, water power, real estate, timber, and irrigation securities will be considered as investments. The effect of the business cycle upon various types of investments is studied. Prerequisite, Business Finance 73.

80. MARKETING. First semester. Three credit hours.

This is a fundamental course in the principles, methods and problems of marketing. Among the topics covered are: marketing functions, marketing of raw materials and manufactured goods, functions and modes of operation of middlemen and their place in the market structure, retail types and policies, consumer and producer co-operation, market finance, standardization, brands and trade names, price maintenance, associative activities, cost of marketing, prices and price factors. Open to juniors and pre-juniors. Prerequisite, Economics 50-51. PROFESSOR LEIGH

86. SALES ADMINISTRATION. Second semester. Three credit hours.

This course presents the problems of marketing from the point of view of the administrative head of a business enterprise. It treats the problems of product and market analysis, problems and methods of demand creation, choosing channels of distribution, sales and advertising organization, selection, training, compensation, and control of salesmen, elements of sales campaigns, statistics, and summaries for managerial control. Prerequisite, Marketing 80.

PROFESSOR LEIGH

87. PRINCIPLES OF ADVERTISING. Second semester. Three credit hours.

A survey of the field of advertising, treating the problems and scope of advertising, the place of advertising in business, human aspects of the market, appeals, presentation of appeals, media; and special fields of advertising. Class work is supplemented by special problems and one campaign is completed by each student. Open to pre-juniors and juniors.

PROFESSOR LEIGH

88. PROBLEMS IN SALES MANAGEMENT. Second semester. Three credit hours.

This is an advanced course covering the selection, training, compensation, management, and control of the sales force; co-operation of the house, the salesmen, the advertising department, and the dealers, and reports and records. The problems and methods of correlating the sales and production departments and of analyzing the market as the basis for a distribution policy are given particular attention. Prerequisite, Sales Administration 86.

PROFESSOR LEIGH

SECRETARIAL COURSE

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

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. To 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. It is presumed that the student will have taken typewriting and stenography before entering this course. All men are expected to meet the requirements of the R. O. T. C.

OUTLINE OF COURSE

(The letter "C" prefixed to a number indicates that it is a Commerce course.)

FRESHMAN YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Algebra	4	Trigonometry	4
Rhetoric	3	Rhetoric	3
Commercial Geography C. 20	3	Ec. Develop. of U. S. C. 23	3
Orientation C. 1	2	Secretarial Ethics 4	3
Secretarial Duties 2	3	Orientation C. 2	2
Physical Training	1	Physical Training	1
Military Training	1	Military Training	1

SOPHOMORE YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Psychology	4	Money and Banking C. 70	3
Economics C. 50	3	Economics C. 51	3
Accounting C. 30	3	Accounting C. 31	3
Business Law C. 40	2	Business Law C. 41	2
Physical Training	1	Physical Training	1
Electives	2	Electives	2

JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Accounting C. 32	3	Accounting C. 33	3
Business Correspondence 6	3	Business Finance C. 73	3
English	3	Office Practice 8	3
Electives	4	English	3
		Electives	4

SENIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
History or Government	3	History or Government	3
Electives	9	Office Management 10	3
Mathematics of Finance 58	3	Electives	8
		Statistics C. 57	4

SECRETARIAL COURSE

2. SECRETARIAL DUTIES. First semester. Three credit hours.
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; and how to handle a caller.
3. INDEXING AND FILING. First semester. Three credit hours.
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 of indexing; a practical course for those interested in this character of work.
4. SECRETARIAL ETHICS. Second semester. Three credit hours.
This course considers the responsibilities of the commercial graduate, the duties of an employee, and other ethical problems arising out of business relationships.
6. BUSINESS CORRESPONDENCE. First semester. Three credit hours.
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.
- 7-8. OFFICE PRACTICE. First and second semesters. 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, student's work in outside offices of the various industries of the city.
10. OFFICE MANAGEMENT. Second semester. Three credit hours.
This course analyzes the office task from a scientific viewpoint. The problem of office layout, routing of office work, the problem of personal motivation, and standardizing office tasks are concentrated upon.

MISCELLANEOUS COURSES

BIOLOGY

ASSISTANT PROFESSOR KRAATZ

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

Two hours of lecture or recitation, and 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

ASSISTANT PROFESSOR SCHAEFER, MR. ANDERSON

- A. 1-2. GENERAL INORGANIC CHEMISTRY. First and second semesters. Eight credit hours each semester.

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. Four recitations and eight laboratory hours per week.

MR. ANDERSON

31. FUELS. Summer term. Six credit hours.

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. Five recitations and four laboratory hours each week.

32. METALLURGY OF IRON AND STEEL. First semester. Six credit hours.

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. Four recitations and four laboratory hours per week.

ASSISTANT PROFESSOR SCHAEFER

CO-ORDINATION

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.

- 1-2. CO-ORDINATION. First and second semesters. One credit hour each semester. (For freshmen.)

One hour a week of Freshman co-ordination is devoted to such special topics as shop discipline, safety, and motion pictures of industrial processes.

PROFESSOR MCJOYNT, ASSISTANT PROFESSOR GILMOUR

- 3-4. CO-ORDINATION. First and second semesters. One credit hour each semester. (For 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

- 5-6. CO-ORDINATION. First and second semesters. One credit hour each semester. (For 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

- 7-8. CO-ORDINATION. First and second semesters. One credit hour each semester. (For freshmen in Civil Engineering.)

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

PROFESSOR DURST

- 9-10. CO-ORDINATION. First and second semesters. One credit hour each semester. (For 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

- 11-12. Co-ORDINATION. First and second semesters. One credit hour each semester. (For 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

- 13-14. Co-ORDINATION. First and second semesters. One credit hour each semester. (For 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

- 15-16. Co-ORDINATION. First and second semesters. One credit hour each semester. (For sophomores 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 MCJOYNT

ECONOMICS

PROFESSOR DAVIS

- A. 7. LABOR PROBLEMS. First semester. Three credit hours.

A study of labor organization and labor legislation in America, the conflict between employers and employees and the underlying causes, the efficiency and welfare of the workers, and the various voluntary and legal methods employed by laborers, employers, and the public in an attempt to promote industrial peace. Prerequisite, C50-51 or the equivalent.

PROFESSOR DAVIS

- A 8. 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 principles 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, C50-51 or the equivalent.

PROFESSOR DAVIS

- 52-53. ECONOMICS FOR ENGINEERS. First and second semesters. Six credit hours each semester.

Described under Commerce.

ENGLISH

MR. GOODELL

81-82. 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

83-84. ENGLISH COMPOSITION. First and second semesters. Five credit hours each semester.

This course is planned for students in the commerce department. The first semester is devoted to the study of grammar, punctuation, and sentence structure, and of credit and collection letters. The other types of letters and business reports are studied during the second semester.

MR. GOODELL

85-86. ENGLISH LITERATURE. First and second semesters. Two credit hours each semester.

Modern novels and short stories are read for their cultural and recreational value, and essays on scientific and engineering subjects are studied for the purpose of finding the literary and philosophical values in non-literary subjects. Supplementary reading is an important part of the course.

MR. GOODELL

88. LITERATURE. First semester. Three credit hours.

This course is planned to acquaint the student with, and to teach him to appreciate, the best in literature. Modern novels and short stories are read for their cultural and recreational value, and essays on scientific and commercial subjects are studied for the purpose of finding the literary and philosophical values in non-literary subjects. Supplementary reading is an important part of the course. Required of all Commerce students.

MR. GOODELL

MATHEMATICS

PROFESSOR JONES, PROFESSOR EGBERT, MISS LIPSCOMBE,
MISS REGER

51. TRIGONOMETRY. First semester. Six credit hours.

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

PROFESSOR EGBERT AND MISS LIPSCOMBE

52. ALGEBRA. Second semester. Six credit hours.

This course includes a review of elementary algebra, and takes up the study of surds, linear and non-linear equations, proportion, variation, progressions, binomial theorem, permutations and combinations. For Engineers. PROFESSOR EGBERT AND MISS LIPSCOMBE

53. ANALYTICS AND CALCULUS. First semester. Five 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 and trigonometric functions, and applications to maxima and minima, and mechanics. For Engineering students. PROFESSOR JONES

54. CALCULUS. Second semester. Five credit hours.

The work of this semester will include the general and special methods of integration, the application of the calculus to finding lengths of arcs, areas, and volumes, and to center of gravity, and moments of inertia. For Engineering students. PROFESSOR JONES

55. CALCULUS. Summer school.

The course during the summer session will take up multiple integrals and their applications to areas, volumes, center of gravity, moment of inertia, and pressure of liquids. For Engineering students. PROFESSOR JONES

56. CALCULUS AND VECTOR ANALYSIS. First semester. Three credit hours.

The studies of this course will include such topics as the differentiation of implicit functions, partial differentiation, development of functions in series, surfaces, vectors, complex numbers, and applications. For Engineering students. PROFESSOR JONES

57. FORMULA DERIVATIONS. Second semester. Three credit hours.

The work during this semester will include a short course in differential equations, probabilities, method of least squares, and the derivation of formulas. For Engineering students. PROFESSOR JONES

58. MATHEMATICS OF FINANCE. First semester. Three credit hours.

This course takes up a study of simple and compound interest, annuities, depreciation, amortization, bond valuation, building and loan associations, the elements of the mathematics of life insurance. For Commerce students. MISS REGER

PHYSICS

PROFESSOR HOUSEHOLDER, MR. FOUTS AND ASSISTANTS

51-52. FRESHMAN MECHANICS. First and second semesters for co-operative students. Five credit hours each semester.

This is an elementary course in statics and includes a thorough study of the conditions governing the forces producing equilibrium and the application of these principles to problems involving simple machines, pier reactions, center of gravity, simple frames and trusses.

No student is permitted to enter this course unless he has had, or is taking, freshman mathematics, and no student failing in the first semester of mathematics will be allowed to continue with this course. Three recitations and four hours laboratory work per week. Students taking the full-time school work must begin the course in the second semester. PROFESSOR HOUSEHOLDER AND ASSISTANTS

53-54. SOPHOMORE MECHANICS. First and second semesters. Six credit hours each semester.

A continuation of 51-52 completing the work in statics and covering the subject of kinetics. Prerequisites, 51-52, and at least one year of mathematics. Four recitations and four hours laboratory work per week. MR. FOUTS

55. HEAT. First semester. Five credit hours.

A short course covering the fundamental concepts of the theory of heat and its measurements, with special emphasis on their applications in engineering. Three recitations and four hours laboratory work per week. Prerequisites, 51-52 and 53-54. MR. FOUTS

56. WAVE MOTION, LIGHT, AND SOUND. Second semester. Five credit hours.

An elementary course in wave motion and its applications to the study of sound and light. Particular emphasis is put upon the engineering phase of the subject. Prerequisites, 51-52 and 53-54. Three recitations and four hours laboratory work per week. Not given in 1927-28. MR. FOUTS

61-62. GENERAL PHYSICS FOR COMMERCE STUDENTS. First and second semesters. Six credit hours each semester.

An introductory course in general physics consisting of lectures, recitations, and laboratory exercises planned to give the student a survey of the subject and its applications. Four recitations and four hours laboratory work per week on the co-operative basis.

PROFESSOR HOUSEHOLDER AND ASSISTANTS

POLITICAL SCIENCE

PROFESSOR CRECRAFT

A. 20. GOVERNMENT AND BUSINESS. Three credit hours. Second semester.

This course is intended to acquaint students with the relation of government to business. It covers the following topics: necessity for regulation, various methods of control, development of regulating bodies, government ownership, relation of government to private business, regulation of competition, control of corporations and trusts, labor legislation, government promotion and encouragement of business, public activities of business organizations, elements of a national business policy, and activities of the various governmental agencies and departments. Open to Juniors. PROFESSOR CRECRAFT

CURTIS SCHOOL OF HOME ECONOMICS

SARAH E. STIMMEL, B. S., *Director*

GENERAL INFORMATION

The Curtis School of Home Economics was established 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 houses a cafeteria.

ADMISSION

The following supplements the statement of general entrance requirements made on 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. Students conditioned in entrance subjects shall not be allowed to carry more than twelve semester hours of college work.

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.

*These two required units must be in one language.

The time of the student is about equally divided in purely Home Economics subjects, the sciences, the subjects of a general interest and purely electives.

The demand for women trained in Home Economics offers a growing and attractive field of work.

REQUIREMENTS FOR MAJOR

Requirements for a Major in General Home Economics are: Forty semester hours of actual Home Economics work from courses offered in the department, including courses 1, 2, 3, 4, 5, 6, 11, 12, 15, 16, 17, 18, 19, 20, 25, 26; 16 hours of science besides Chemistry 1 and 2; Art, including courses 1, 2, and 24 hours of minors from the following subjects: English (above Freshman Rhetoric) 6, Psychology 6 or Sociology 6, Language (above first year) 6, History 4 or 6, or Economics 6. Three hours of Speech are required.

Students interested in Dietetics should include in their curriculum courses 21 and 22.

DEGREES

For the completion of the four-year course in Home Economics (128 semester hours are 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.

SUGGESTED OUTLINE OF COURSE

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Biology 1	4	Biology 11	4
Home Economics 1	2	Home Economics 2	2
Art 1	2	Art 2	2
Home Economics 3	2	Home Economics 4	2
*Modern Language	3 or 4	*Modern Language	3 or 4
English 1	3	English 2	3
Physical Education 1	1	Physical Education 2	1
	17 or 18		18 or 19

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Chemistry 1	4	Chemistry 2	4
Home Economics 5	2	Home Economics 6	2
Home Economics 7	3	Home Economics	3
Home Economics 11	1	Home Economics 12	1
English	3	English	3
*Modern Language	3	*Modern Language	3
	16		16

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
**Physiology	4	**Physiology	4
Home Economics 9	2	Home Economics 10	2
Home Economics 15	4	Home Economics 16	4
Art	2	Art	2
Home Economics 17	3	Home Economics 18	4
Psychology or Sociology	3	Psychology or Sociology	3
	15		15

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Bacteriology or Physics	4	Bacteriology or Physics	4
Home Economics 19	3	Home Economics 20	3
Home Economics 21	2	Home Economics 22	2
Home Economics 25	3	Home Economics 26	3
History or Economics	3	History or Economics	3
	15		15

Elective studies must be chosen sufficient in number to complete a total of 128 hours.

*Modern Language must consist of two years in one language.

**Offered 1927-28 and alternate years to women.

COURSES FOR 1927-1928

All courses offered primarily for students of the School of Home Economics may be elected by students in the College of Liberal Arts only under the restrictions imposed by that college.

HOME ECONOMICS

PROFESSOR STIMMEL, MISS BUMPAS

1-2. TEXTILES AND CLOTHING. First and second semesters. Two credit hours each semester.

This course includes a study of the development of the textile industry, textile fibers and fabrics, and cloth structure and finishes. The aim is to give a knowledge and appreciation of fabrics necessary for the consumer and to enable her to detect adulterations. The laboratory work includes the selection of materials, designs and garment construction.

MISS BUMPAS

3-4. FOOD COURSE. First and second semesters. Two credit hours each semester.

Students not in Home Economics, who desire some knowledge of the preparation of food, may elect this course. Laboratory work is included.

PROFESSOR STIMMEL AND MISS BUMPAS

5. WOOL DRESS. First semester. Two credit hours.

This course consists of a study of wool fibers and fabrics, the handling of wool materials, and the construction of wool garments. Projects include the making of a wool street dress and a sport dress or a coat, and a made-over problem.

MISS BUMPAS

6. SILK DRESS. Second semester. Two credit hours.

This course is a continuation of wool dress 5. Projects include the making of a silk street dress and a sport dress or a spring coat, and a made-over problem.

MISS BUMPAS

7. TABLE AND MEAL SERVICE. First semester. Three credit hours.

This course includes a study of planning and buying economically, the serving of balanced meals, the computing of cost of serving one person and the number in the class, and from these calculating the cost of serving two or fifty and a study of setting the table and of table etiquette.

MISS BUMPAS

9. HISTORIC COSTUME. First semester. Two credit hours.

This course includes a study of the development of costume from early times to the present. It deals with a study of costume as an expression of social, religious, and economic thought of the time.

MISS BUMPAS

10. **MILLINERY.** Second semester. Two credit hours.

This course includes a study of practical, artistic principles of millinery and designing, making and covering of buckram and wire frames of various types and the selection, construction and renovation of hats.

MISS BUMPAS

11-12. **SURVEY COURSE.** First and second semesters. One credit hour each semester.

This is a general survey of the field of home economics, the history of its development and present activities.

PROFESSOR STIMMEL

15-16. **FOODS.** First and second semesters. Four credit hours each semester.

Food selection and preparation, general properties of food stuffs, and food values in relation to cost are studied. Recitation and laboratory are included in this course.

PROFESSOR STIMMEL AND MISS BUMPAS

17-18. **HOUSE.** First and second semesters. Three credit hours each semester.

Topics included in this course are the organization and management of housework, budgeting, method in housekeeping, convenience and durability of utensils, fuels, economical and artistic furnishings, and interior decoration.

PROFESSOR STIMMEL

19-20. **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. It is a recitation class.

PROFESSOR STIMMEL

29-30. **SEMINAR.** First and second semesters. One credit hour each semester.

This course is open only to upper classmen.

PROFESSOR STIMMEL

21-22. **DIETETICS.** First and second semesters. Two credit hours each semester.

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, and of infant and invalid cookery.

PROFESSOR STIMMEL

25-26. CHILD CARE. First and second semesters. Three credit hours each semester.

This course makes a study of the principles relating to the hygiene, care, and training of the physical, mental, and moral development of the infant and pre-school age child, involving preventive and constructive problems of child welfare. The second semester is a continuation of child care problems and also deals with home nursing as distinct from the more elaborate technique of hospital nursing.

PROFESSOR STIMMEL

27-28. HISTORY OF ART. First and second semesters. Two credit hours each semester.

This 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. The course consists mainly of lectures.

PROFESSOR STIMMEL

MINORS MENTIONED IN PROGRAM

(Detailed Descriptions are Given under Liberal Arts)

ART 1, 2.

BIOLOGY 1, 2, 9, 10, 15, 16, 19, 20, 22.

CHEMISTRY 1, 2, 7, 8.

ECONOMICS 1, 2.

ENGLISH 1, 2, 25, 26, 31, 33, 34, 45, 46.

FRENCH 1, 2, 3, 4, 5, 6, 7, 12.

GERMAN: Students may enter any course offered for which they are prepared.

SPANISH 1, 2, 3, 4, 5, 6.

HISTORY 1, 2, 3, 4, 9, 10, 11, 12, 13, 14.

PHILOSOPHY 1, 2.

POLITICAL SCIENCE 1, 2, 7, 8, 13, 14.

SPEECH 1. At least three hours of Speech are required.

PHYSICAL TRAINING: At least one year is required.

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 Board of 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 preparation and training of teachers for the Akron Public School System, the professional improvement of teachers already engaged in the Public School Services, and the study of educational problems.

In general, the Teachers College is expected to achieve a three-fold 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

*Students deficient in foreign language entrance requirements except those who take the Commercial course, must make up such deficiency before admission to Junior rank.

THE TEACHERS COLLEGE

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 unless excused by 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.

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 Dean's approval.

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English 1	3	English 2	3
Political Science 1	4	General Psychology 1	4
Speech 1	3	General History of Education 2	3
Music	2	Music	2
Physical Education 1	1	Physical Education 2	1
How to Study 1	1	Mathematics, History, Science or Foreign Language	4
Mathematics, History, Science or Foreign Language	4		
	18		17

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Biology 1	4	Biology 2	4
English	3	English	3
Educational Psychology 2	2	Educational Psychology 3	3
Story Telling 11	3	Story Telling 12	3
Lit. for Primary Grades 14	3	Personal Hygiene 4	2
Physical Education 3	1	Physical Education 4	1
Kindergarten Music 5	1	Kindergarten Music 6	1
	17		17

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English	3	English	3
Social Origins 1	3	Social Problems 2	3
Principles of Teaching (1 hr. of Observational) 9	3	Educational Measurements 6	2
Intro. to study of Educa. 8	2	Primary Methods 4	3
Primary Methods 3	3	Public School Music 10	2
Art 1	2	Professional Ethics 13	1
Public School Music 9	2	Psychology of Learning 7	2
	18	School Law 12	2
			18

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Play Materials 1	2	Practice Teaching 9	4
Songs and Games 2	2	Practice Teaching (First or Second Grade) 23	4
Art 16	2	Kindergarten Methods 10	3
Kindergarten Handwork 17	2	Primary Methods 2	3
Child Psychology 4	2	Piano 8	1
Piano 7	1	School Management 21	3
History, Phil. Kindergarten 3	2		
Electives	3		
	16		18

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.

TWO YEAR COURSE FOR ELEMENTARY TEACHERS

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Rhetoric 1	3	History of Ed. 3	3
Gen. Psychology 1	4	*Literature for Upper Grades 15....	3
Physical Ed. 1	1	Physical Ed. 2	1
Speech 1	3	Art 2	2
Art 1	2	Tests and Measurements 6	2
*Story Telling 11	3	*Teaching History 8	2
Public School Music 9	2	*Teaching Geography 7	2
		Public School Music 10	2
		Personal Hygiene 4	2
	18		19

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
*Teaching Arithmetic 5	2	Practice Teaching 24	8
*Teaching Language 6	2	School Management 21	3
*Lit. for Primary Grades 14	3	Methods 22	3
Principles of Teaching 9	3	Ed. Problems 14	1
*Primary Methods 3	3	Professional Ethics 13	1
American Government 1	4		
Educational Psychology 2	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 FOR ELEMENTARY TEACHERS

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.

*Selection of Primary or Upper Grade Courses should be made.

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English 1	3	English 2	3
Political Science 1	4	General Psychology 1	4
Art 1	2	General History of Education 2.....	3
Music	2	Music	2
Physical Education 1	1	Physical Education 2	1
How to Study 1	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 1	4	Biology 2	4
English	3	English	3
Educational Psychology 2	2	Educational Psychology 3	3
Story Telling 11	3	School Law 12	2
History of Education in the United States 3	3	Art 2	2
Physical Education 3	1	Physical Education 4	1
		Literature for the Grades 15	3
	16		18

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Speech 1	3	English	3
Social Origins 1	3	Social Problems 2	3
Introduction to Education 8	2	Objectives in Elementary Education 7	2
Public School Music 9	2	Public School Music 10	2
Observation 1	2	Principles of Teaching (1 hr. of Observation) 9	3
*The Teaching of Arithmetic 5	2	*The Teaching of History 8	2
*The Teaching of Language 6	2	*The Teaching of Geography 7	2
Introduction to Teaching 11	2		
	18		17

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Practice Teaching 24	8	Educational Measurements 6	2
School Management 21	3	Art 8	2
Methods 22	3	Personal Hygiene 4	2
Educational Problems 14	1	Psychology of Learning 7	2
Child Psychology 4	2	Professional Ethics 13	1
		Electives	7
	17		16

If a foreign language not taken in high school is selected, two years are required.

*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.

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 1	3	English 2	3
Physical Education 1	1	Physical Education 2	1
Story Telling 11	3	Story Telling 12	3
How to Study 1	1	Art 2	2
Art 1	2	Art 8	2
Still Life 9	2	General Psychology 1	4
History of Ed. in U. S. 3	3		
	15		15

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English	3	English	3
Landscape 10	2	Home and School Crafts 3	2
Commercial Art 14	2	Interior Decoration 7	2
Mechanical Drawing 18	2	Mechanical Drawing 19	2
Costume Design 6	2	Commercial Art 15	2
Ed. Psychology 2	2	Ed. Psychology 3	3
American History 11	2	American History 12	2
Phys. Education 3	1	Physical Education 4	1
	16		17

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Biology 1	4	Biology 2	4
Home and School Crafts 4	2	Pose 11	2
Kgn. Art 16	2	Illustration 12	2
Kgn. Handwork 17	2	History of Art 28	2
History of Art 27	2	Prin. of Teaching 9	3
Classical Mythology 7	3	Speech 1	3
Introduction to Teaching 11	2		
	17		16

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English	3	Prac. Teaching 24	8
Int. to Ed. 8	2	Methods 22	4
Child Psychology 4	2	Ed. Problems 14	1
Electives	9	Prof. Ethics 13	1
		Psy. of Adolescence 101	2
		School Management 21	3
	16		19

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 1	3	English 2	3
History of Education in the United States 3	3	General Psychology 1	4
Physical Education 1	1	Physical Education 2	1
Speech 1	3	Music	2
How to Study 1	1	Glee Club	1
Music	2	Orchestra	1
Glee Club	1	Mathematics, History, Science or Foreign Language	3
Orchestra	1		
Mathematics, Science, History or Foreign Language	3		
	<hr/> 18		<hr/> 15

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Biology 1	4	Biology 2	4
English	3	English	3
Ed. Psychology 2	2	Ed. Psychology 3	3
Social Origins 1	3	Public School Music 10	2
Story Telling 11	3	Social Problems 2	3
Physical Education 3	1	Psychology of Adolescence 101	2
Public School Music 9	2	Physical Education 4	1
	<hr/> 18		<hr/> 18

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 21	3
Child Psychology 4	2	Practice Teaching 24	8
Introduction to the Study of Education 8	2	Special Methods 22	4
Introduction to Teaching 11	2	Educational Problems 14	1
Principles of Teaching 9	3	Professional Ethics 13	1
Electives	5		
	<hr/> 17		<hr/> 17

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 1	4	Biology 2	4
Rhetoric 1	3	Rhetoric 2	3
Textiles 1	2	Textiles 2	2
Child Hygiene 25	3	Art 1	2
General Psychology 1	4	Nursing 26	3
Physical Education 1	1	Physical Education 2	1
		How to Study 1	1
	<hr/>		<hr/>
	17		16

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Chemistry 1	4	Chemistry 2	4
Foods 15	4	Foods 16	4
Ed. Psychology 2	2	Ed. Psychology 3	3
Hist. of Ed. in U. S. 3	3	Hist. of Costume	2
Social Science	3	Social Science	3
		Art 7	2
	<hr/>		<hr/>
	16		18

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Chemistry 7	4	Chemistry 8	4
Bacteriology 19	4	Sanitation 22	3
Nutrition 19	3	Nutrition 20	3
Dress 5	2	Table and Meal Service 7	2
Prin. of Teaching 9	3	House 18	3
(1 hr. Observation per week)		Millinery 10	2
House 17	3	Dress 6	2
	<hr/>		<hr/>
	19		19

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Psychology	2	Practice Teaching 24	8
English Lit.	3	Special Methods 22	4
Art 6	2	Ed. Problems 14	1
Introduction to Teach. 11	2	Professional Ethics 13	1
Electives	8	School Management 21	3
	<hr/>		<hr/>
	17		17

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. The letter C prefixed to a course number indicates that this course is described in full in the Commerce section of the General Catalog. The letter S means that the course is listed under the Secretarial Science division.

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
How to Study 1	1	General Psychology 1	4
Rhetoric 1	3	Rhetoric 2	3
Physical Education 1	1	Physical Education 2	1
Secretarial Duties S2	3	Economic Development of the	
American Government	4	U. S. C23	3
Industrial and Commercial		Business Administration C60	3
Geography C20	3	Com. Arithmetic	3
	15		17

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Economics C50	3	Economics C51	3
English 25	3	English 26	3
Physical Education 3	1	Physical Education 4	1
Accounting C30	4	Accounting C31	4
Office Practice S7	3	Office Practice S8	3
Money and Banking	3	Statistics C51	4
	17		18

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Educational Psychology 2	2	Educational Psychology 3	3
Principles of Teaching 9	3	School Law 12	2
Business Law C40	2	Hist. of Ed. in U. S. 3	3
Business Finance C73	3	Business Correspondence S6	2
Cost Accounting C34	2	Cost Accounting C35	2
Marketing C80	2	Railway Transportation C55	3
Indexing and Filing S3	2	Bus. Law C41	2
	17		18

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Practice Teaching 24	8	Psychology of Adolescence 101....	2
Special Methods 22	4	Business Management C62	3
School Management 21	2	Thesis	2
Educational Problems 14	1	Electives	6
Introduction to Teaching 11	1		
Thesis	2		
	18		15

FOUR YEAR VOCATIONAL EDUCATION COURSE

The following course leads to the Bachelor of Education degree and placement on the appointment list of the Akron Public Schools for a high school position.

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 to be pursued during the remaining three years.

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English 1	3	English 2	3
How to Study 1	1	General Psychology 1	4
College Algebra 1	4	Trigonometry 2	4
History of Education in Practical Arts 23	2	Elements of Art 1	2
Woodworking 1	3	Woodworking 2	3
R. O. T. C. and Gymnasium	2	R. O. T. C. and Gymnasium.....	2
	15		18

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English	3	English	3
Educational Psychology 2	2	Educational Psychology 3	3
Metal Working 9	3	Metal Working 10	3
Methods in Shop Subjects 25	2	Methods in Shop Subjects 26	2
Mechanical Drawing 18	2	Mechanical Drawing 19	2
R. O. T. C. and Gymnasium	2	R. O. T. C. and Gymnasium	2
Major in Shop	3	Major in Shop	3
	17		18

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Physics 1	4	Physics 2	4
Social Origins 1	3	Social Problems 2	3
Principles of Economics 1	3	Principles of Teaching 9	3
Psychology of Shop Subjects 27..	2	Psychology of Shop Subjects 28..	2
Printing 17	3	Printing 18	3
Major in Shop	3	Major in Shop	3
	18		18

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
General History of Education 2..	3	Practice Teaching 24	8
Administration of Vocational Education 29	2	Special Shop Methods 22	4
Electrical Shop 21	4	Educational Problems 14	1
Field Project Suitable to Major Subject 22	4	Professional Ethics 13	1
Professional Ethics 13	1	Psychology of Adolescence 101	2
Major in Shop	3	School Management 21	3
	17		19

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 1	3	English 2	3
Biology 1	4	Biology 2	4
History of Education in the United States 3	3	General Psychology 1	4
Physical Education 1	1	Physical Education 2	1
First Aid and Massage 16	1	General History of Education 2... 3	3
Folk Games 11	2	Play and Games 10	1
Play and Games 9	1	First Aid and Massage 17	1
How to Study 1	1		
	16		17
SECOND YEAR			
First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Political Science 1	4	Political Science 2	4
English	3	English	3
Educational Psychology 2	2	Educational Psychology 3	3
Physical Education 3	1	Physical Education 4	1
Human Physiology 9	4	Applied Anatomy 18	3
History of Physical Educa- tion 28	2	Human Physiology 10	4
	16		18
THIRD YEAR			
First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Social Origins 1	3	Social Problems 2	3
Prescription of Exercise 19	2	Prescription of Exercise 20	2
Introduction to Study of Educa- tion 8	2	Principles of Teaching (1 hr. Observation) 9	3
Principles of Coaching	2	Organization of Phys. Ed. 22	2
Organization of Phys. Ed. 21	2	Principles of Coaching Base- ball 13	1
Physical Ed. Practice 5	1	Physical Ed. Practice 6	1
Electives	4	Personal Hygiene 4	2
Swimming 7	1	School Law 12	2
		Principles of Coaching	2
	17		18
FOURTH YEAR			
First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Administration of Physical Education 25	2	Psychology of Adolescence 101 ... 2	2
Intro. to Teaching 11	2	Teaching Physical Education 26.. 8	8
Physiology of Exercise 24	2	Special Methods in Physical Education 27	4
Electives	11	Educational Problems 14	1
		Professional Ethics 13	1
		School Management 21	3
	17		19

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 in secondary education will be required to take one year of Science, preferably Biology, 12 hours English and 14 hours of the Social Sciences, besides carrying 2 majors of 18 hours each. All state requirements will be included.

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 before the fifth year. These students may receive such information from the Dean of Teachers College.

GRADUATE COURSES

To encourage graduate study, 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 Masters' 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 Major Professor 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	1-20
Education	1-16
Industrial and Vocational Education.....	1-30
Kindergarten Training	1-18
Methods and Teaching	1-25
Physical Education	1-28
Psychology	1- 8

GRADUATE COURSES

Education	101-116
Psychology	101-110
Research	101-105

COURSES FOR 1927-1928

ART

MRS. BARNHARDT

1. 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. This course is a prerequisite for work in all advanced courses.

2. DESIGN. 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.

3. HOME AND SCHOOL CRAFTS. Second semester. Two credit hours.

A course in applied design including stenciling; block printing; tooled, cut and dyed leather; enamel; simple batik dyeing; cross stitch; Swedish weaving. Prerequisite, Art 2.

4. HOME AND SCHOOL CRAFTS. First semester. Two credit hours.

A course in applied design including batik wall hangings and garments; basketry; lead carving; parchment shades; gesso; hooked rugs; weaving. Prerequisite, Art 3.

5. HOME AND SCHOOL CRAFTS. Two credit hours.

An elective course in applied design including color cement; wood carving; metal work in brass, copper, and silver—hammered, pierced and etched. Prerequisite, Art 4.

6. 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.

7. 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.

8. **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.

9. **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, Art 8.

10. **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, Art 9.

11. **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, Art 10.

12. **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, Art 11.

14. **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.

15. **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 and water color is studied both from an artistic standpoint and in relation to the various reproducing processes. Prerequisite, Art 14.

16. KINDERGARTEN ART. First semester. Two credit hours.

This is a course in free-hand drawing, blackboard drawing, composition, color and design. Thorough knowledge of handling of different mediums, stick printing, water colors, scissors and crayons is sought.

17. 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.

18-19. MECHANICAL DRAWING. First and second semesters. Two credit hours each semester.

In this course a thorough study is made of fundamentals of lettering, perspective, orthographic, isometric and cabinet projection, development of surfaces and simple architectural drawing.

EDUCATION

DEAN BANKES, PROFESSOR HAYES, PROFESSOR KUHNES, MR. SMITH,
MRS. MAREK, MISS HOOVER, MR. ERWINE,
MR. YEO, MR. SNYDER.

1. 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

2. 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.

MR. YEO, MRS. MAREK

3. 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.

MR. SNYDER, MRS. MAREK

4. **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. SMITH

5. **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. MRS. MAREK

6. **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 to 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

7. **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. MISS HOOVER

8. **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. PROFESSOR KUHNES

9. **PRINCIPLES OF TEACHING.** Second semester. Three credit hours.

This course is required of all prospective elementary teachers by the State Department of Education. It deals with the principles of educational practice which are sound from a psychological viewpoint, and have been successfully applied. Three hours of recitation and one hour of observation are required. PROFESSOR HAYES

11. 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

12. 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

13. 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, principals, supervisors, and superintendents, and the teacher's attitude toward pupils and parents.

DEAN BANKES

14. 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

INDUSTRIAL AND VOCATIONAL EDUCATION

MR. JELLISON, MR. NEWMAN, MR. HUMMEL

1-2. WOODWORKING. First and second semesters. Three credit hours each semester.

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. Nine hours per week in woodworking shop are required.

9-10. METAL WORKING. First and second semesters. Three credit hours each semester.

This is a course of regular shop work in metal working with a view to giving a working knowledge of its fundamentals. Nine hours per week.

- 17-18. **PRINTING.** First and second semesters. Three hours each semester.

This is a course in printing given in the school print shop. Nine hours per week.

21. **ELECTRICAL SHOP.** First semester. Four credit hours.

This is a course in electrical shop work given in an electrical shop of the public schools. Twelve hours per week.

22. **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.

23. **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.

25. **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

26. **METHODS IN SHOP SUBJECTS.** Second semester. Two credit hours.

The purpose of this course will be to develop substantial shop practice by observing shop room practice, by testing methods, and 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

- 27-28. **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

29. 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.

18-19. MECHANICAL DRAWING. First and second semesters. Two credit hours each semester.

Described under Art.

KINDERGARTEN TRAINING

MRS. BREWSTER

1. 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. BREWSTER

2. 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. BREWSTER

3. 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. BREWSTER

5-6. 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. BREWSTER

- 7-8. 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.

9. 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.

10. 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.

16. KINDERGARTEN ART. First semester. Two credit hours.

Described under Art.

17. KINDERGARTEN HANDWORK. First semester. Two credit hours.

Described under Art.

METHODS AND TEACHING

PROFESSOR HAYES, MISS HOOVER, MISS CARSON, MISS GLOVER,
MR. DILLEHAY, MR. ERWINE.

1. OBSERVATION. First semester. Two credit hours.

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. Two hours of observation and one hour of recitation.

MISS HOOVER

2. 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 supervisors of practice teaching in conference with students. The needs of the student teacher will be the basis for this course.

- 3-4. PRIMARY METHODS. First and second semesters. Three credit hours each semester.

A course in the general methods pertaining to the work of primary teachers with special attention to reading. Instruction concerning materials for construction work, methods and devices for use in the primary grades and the application of psychological principles for primary education is given.

MISS CARSON

5. THE TEACHING OF ARITHMETIC. First semester. 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. MISS HOOVER

6. 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

7. 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

8. 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

9. 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. MISS GLOVER

10. PUBLIC SCHOOL MUSIC. Second semester. Two credit hours.

This course is devoted to the teaching of music in the fifth to the eighth grades. The work of each year is taken up in detail and the problems which confront grade teachers are carefully considered. MISS GLOVER

11. STORY TELLING. First semester. Three 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

12. **STORY TELLING.** Second semester. Three credit hours.

This course is a continuation of Story Telling 11. 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

13. **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

14. **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 a means of developing the appreciation of the children.

MISS HOOVER

15. **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

21. **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

22. **METHODS.** First semester. Repeated second semester. Four credit hours.

This is a course of methods in planning and teaching; needs of students while practice teaching form the basis of instruction. The certification of credits to the Registrar states the grade and subjects in which these methods are secured.

23. **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.

24. PRACTICE TEACHING. First semester. Repeated second semester. Eight credit hours.

Practice teaching is done in the public schools of Akron in the various grade and high schools. A full semester is given to this subject. Certification of credits to the Registrar states the grade and subjects taught.

PHYSICAL EDUCATION

MR. SMITH, MISS DUNCKLEY

- 1-2. PHYSICAL EDUCATION PRACTICE. First and second semesters. One credit hour each semester.

This course deals with instruction and practice in physical education for the first four grades in the elementary schools. Three hours per week. MISS DUNCKLEY

- 3-4. PHYSICAL EDUCATION PRACTICE. First and second semesters. One credit hour each semester.

This course deals with the instruction and practice in Physical Education for grades five to eight inclusive in the elementary schools. Three hours per week. MISS DUNCKLEY

- 5-6. PHYSICAL EDUCATION PRACTICE. First and second semesters. One credit hour each semester.

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. Three hours per week.

MR. SMITH, MISS DUNCKLEY

7. SWIMMING. First semester. One credit hour.

This consists of instruction and practice in swimming, diving and life saving. Three hours per week. MR. SMITH, MISS DUNCKLEY

- 9-10. PLAY AND GAMES. First and second semesters. One credit hour each semester.

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. Three hours per week. MISS DUNCKLEY

11. FOLK GAMES. First semester. Two credit hours.

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. Four hours per week. MISS DUNCKLEY

12. PRINCIPLES OF COACHING. First semester. Two credit hours.
Lectures on football and basketball theory and technique. For men only.
MR. SMITH

13. PRINCIPLES OF COACHING. Second semester. Two credit hours.

Lectures on theory and technique of baseball, track and field athletics. For men only.
MR. SMITH

14. PRINCIPLES OF COACHING. First semester. Two credit hours.
Lectures on theory and technique of fall and winter sports. For women only.
MISS DUNCKLEY

15. PRINCIPLES OF COACHING. Second semester. Two credit hours.

Lectures on theory and technique of spring and summer sports. For women only.
MISS DUNCKLEY

16-17. FIRST AID AND MASSAGE. First and second semesters. One credit hour each semester.

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

18. 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

19-20. 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

21-22. ORGANIZATION OF PHYSICAL EDUCATION. First and second semesters. Two credit hours each semester.

The first half of the course covers the theoretical consideration of the physical education program and objectives, with some practical work in program building for the elementary grades.

The second half of the course covers practical projects in organization for Junior and Senior high schools as well as college and club work. Organization of school systems and comparisons of different state courses of study are likewise studied. Special projects are assigned and worked upon by committees, and results tabulated.
MR. SMITH

24. PHYSIOLOGY OF EXERCISE. First semester. Two credit hours.

A study is made of the effects of exercise on the human body.

MR. SMITH

25. 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

26. 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 is required.

27. 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

28. HISTORY OF PHYSICAL EDUCATION. First semester. Two credit hours.

A study of the characteristics of the different stages and phases through which physical education has passed in various countries of the world, with an introduction to characters and pioneers who have been most instrumental in its advancement. This course should develop a deeper and more general appreciation of the place which physical education should win and hold in general education.

MR. SMITH

PSYCHOLOGY

PROFESSOR HAYES, PROFESSOR KUHNES, MR. SMITH

1. GENERAL PSYCHOLOGY. First semester. Repeated 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. SMITH

2. 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, 1.

PROFESSOR KUHNES

3. **EDUCATIONAL PSYCHOLOGY.** Second semester. Three 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, 2.

PROFESSOR KUIINES

4. **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

5. **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

6. **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

7. **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.

PROFESSORS HAYES, KUHNES

GRADUATE COURSES

DEAN BANKES, PROFESSOR HAYES, PROFESSOR KUHNES, MR. FLOOD,
MR. ERWINE, MR. WATERHOUSE

EDUCATION

101. 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.

102. 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

103. 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

104. 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

105. 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

106. 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 1927-28.

PROFESSOR KUHNES

108. 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.

PROFESSOR KUHNES

109. 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.

MR. FLOOD

110. 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

111. 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

112. 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.

PROFESSOR KUHNES

113. 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.

PROFESSOR KUHNES

114. 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

115. 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

116. PUBLIC SCHOOL ADMINISTRATION. Second semester. Two credit hours.

An introductory course for teachers and principals who desire a knowledge of the essential elements of proper educational control as applied to all types of public school work. Special emphasis will be placed on the application of the administrative experience of cities to county and state organizations. MR. ERWINE

117. JUNIOR HIGH SCHOOL ADMINISTRATION. First semester. Two credit hours.

This course will treat the evolution and development of a new type of intermediate school in answer to the protest against the traditional method of training adolescent pupils. Underlying principles, suitable curricula and methods will be developed. An effort will be made to make this course of practical value to all who are interested in the educational movement. MR. ERWINE

118. EDUCATIONAL GUIDANCE. Second 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

PSYCHOLOGY

101. PSYCHOLOGY OF ADOLESCENCE. Second semester. Two credit hours.

This course is open to seniors, teachers of experience and graduate students. It 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

102. SOCIAL PSYCHOLOGY. Second semester. Two credit hours.

This 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. PROFESSOR HAYES

103. 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 1927-28.

PROFESSOR HAYES

104. 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. PROFESSOR HAYES

105. 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 basis course for those who wish to major in psychology in their graduate work. PROFESSOR HAYES

106. 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.

Not offered in 1927-28.

PROFESSOR HAYES

107. **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

108. **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

109. **PSYCHOLOGY OF HIGH SCHOOL SUBJECTS.** Two credit hours.

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.

PROFESSOR HAYES

RESEARCH

101-102. **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 invited persons.

DEAN BANKES

103. **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 \$10 is charged for the thesis work.

104. **RESEARCH PROBLEM.** Credit by arrangement, one or two 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.

EVENING SESSION

LOWELL L. HOLMES, B. S., *Director*, 1926-27

H. E. SIMMONS, M. S., *Director*, 1927-28

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 10, 1927, 2 to 5 and 7 to 9 p. m. Class work for the first semester will begin Wednesday, September 14, 1927, and will close January 28, 1928. No registrations for entry to any class will be allowed after 12 m. Saturday, September 17.

For the second semester: Saturday, January 28, 1928, 2 to 5 and 7 to 9 p. m. Class work for the second semester will begin Wednesday, February 1, 1928, and will close June 9, 1928. No registrations for entry to any class will be allowed after 12 m. Saturday, February 4.

SUMMER REGISTRATION

Registration for the Evening Session will begin on August 1, 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 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 1927-28

ART

MRS. BARNHARDT, MISS CABLE

*1. 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. Tuesday, 7:30-9:30. Laboratory, Monday, 7:30-9:30. MRS. BARNHARDT

*2. DESIGN. Second 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 4. Tuesday, 7:30-9:30. Laboratory, Monday, 7:30-9:30. MRS. BARNHARDT

*5. HOME AND SCHOOL CRAFTS. First 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, 4. Wednesday, 7:30-9:30. Laboratory, Monday, 7:30-9:30. MRS. BARNHARDT

*7. 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. Wednesday, 7:30-9:30. Laboratory, Monday, 7:30-9:30. MRS. BARNHARDT

***11. POSE.** First 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, 10. Thursday, 7:30-9:30. Laboratory, Monday, 7:30-9:30.

MRS. BARNHARDT

***12. 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, 11. Thursday, 7:30-9:30. Laboratory, Monday, 7:30-9:30.

MRS. BARNHARDT

***14. 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. Friday, 7:30-9:30. Laboratory, Monday, 7:30-9:30. MISS CABLE

***15. 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, 14. Friday, 7:30-9:30. Laboratory, Monday, 7:30-9:30. MISS CABLE

BIOLOGY

ASSISTANT PROFESSOR KRAATZ

***ELEMENTARY ORGANIC EVOLUTION.** First and second semesters.
Two credit hours each semester.

This course deals mainly with the lines of evidence supporting organic evolution, and includes a brief history of the evolution concept, and a survey of the various theories as to methods and causes of organic evolution. This course is elementary in its field, but some knowledge of general biological facts and principles is desirable as background. Wednesday, 7:30-9:30.

ASSISTANT PROFESSOR KRAATZ

COMMERCE AND ADMINISTRATION

PROFESSOR LEIGH, MR. MARSH, MR. HOLMES, MR. KEPLINGER,
MR. LEWERS, MR. MARTING, MR. MARSHALL

The evening work in Commerce and Administration is planned to meet the needs of the minor executive who desires a deeper knowledge of his field, the general business man or office worker who wishes a broader knowledge of business principles and practices, and the student who wishes to attend day college but who must work instead.

The Evening Session offers both three-year and four-year certificate courses in General Business, Professional Accounting, Sales Administration and Factory Management. A special two-year course is given in the essentials of Accounting and many other special courses are offered.

Although the courses of study are so flexible that the student can take courses in any field almost at will, it is desirable to follow some definite plan. This makes the training more thorough and balanced and gives the student an opportunity to work toward a degree, should he so desire.

Courses will not be given for less than ten students.

GENERAL BUSINESS COURSE

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Economics	3	Economics	3
English	3	English	3

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Accounting	2	Accounting	2
Business Organization	2	Business Correspondence	2
Business Law 40	2	Business Law 41	2

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Advanced Accounting	2	Advanced Accounting	2
Marketing	2	Business Management	2
Money & Banking	3	Advertising	2

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Business Finance	2	Investments	2
Psychology	2	Psychology	2
Problems in Business Economics	2	Credits & Collections	2

ACCOUNTING COURSE

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Economics	3	Economics	3
Accounting	2	Accounting	2

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Accounting	2	Accounting	2
English	3	English	3
Business Organization	2	Elective	2

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Cost Accounting 34	2	Cost Accounting 35	2
Business Law 40	2	Business Law 41	2
Business Finance	2	Business Management	2

THE EVENING SESSION

FOURTH YEAR
(Advanced Certificate)

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Auditing 36	2	Investments	2
Statement Analysis or Advanced Accounting	2	C. P. A. Review	2
Income Tax	2	Statistics	2

SALES MANAGEMENT COURSE

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Economics	3	Economics	3
English	3	English	3

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Accounting	2	Accounting	2
Business Organization	2	Business Correspondence	2
Business Law 40	2	Business Law 41	2

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Advanced Accounting	2	Sales Administration	2
Marketing	2	Advertising	2
Salesmanship	2	Elective	2

FOURTH YEAR
(Advanced Certificate)

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Psychology	2	Psychology	2
Business Finance	2	Retailing	2
Business Problems	2	Business Management	2

INDUSTRIAL MANAGEMENT COURSE

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Economics	3	Economics	3
English	3	English	3

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Accounting	2	Accounting	2
Business Organization	2	Business Correspondence	2
Business Law 40	2	Business Law 41	2

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Cost Accounting 34	2	Cost Accounting 35	2
Business Finance	2	Business Management	2
Marketing	2		

FOURTH YEAR
(Advanced Certificate)

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Purchasing	2	Purchasing	2
Business Problems	2	Factory Management	2
Foremanship	2	Statistics	2

GEOGRAPHY OF COMMERCE. First semester. Two credit hours.

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 industry, mineral industries and their relation to the development of the state, centers of great industries, transportation, communication, and relation of government to industry. Monday, 7:30-9:30.

MR. MARSH

30-31. ACCOUNTING. First and second semesters. Two credit hours each semester.

This course introduces the student to the details of business management. He is trained in the interpretation and recording of such important transactions as the acquisition of assets, the borrowing of money, the incurring of expenses, the making of purchases and sales, the issuing of stocks and bonds, and the amortization of bond premium and discount. Bookkeeping does not occupy much of the time of the student, although its principles are mastered in practice sets of books. Required of all Commerce sophomores. Monday, 7:30-9:30.

MR. KEPLINGER

ADVANCED ACCOUNTING. First and second semesters. Two credit hours each semester.

This course is a continuation of 30-31. In addition to the text, a series of graded problems is used to illustrate the form and content of the balance sheet, and profit and loss statement, analysis of profits, application of funds, capital expenditures and depreciation policies, determination of cost for inventory valuations, installment accounts, consignments, branches and agencies, consolidations and other branches of accounting. Wednesday, 7:30-9:30.

MR. MARSH

***34-35. COST ACCOUNTING.** First and second semesters. Two credit hours each semester.

The purposes of cost accounting are to determine the cost or the profit on each unit of product or service, to determine profitable lines of endeavor, to secure inventories, and to secure information necessary to lay down wise managerial policies. Special attention is given to statements and reports to be derived from accounting records. Thursday, 7:30-9:30.

MR. MARSH

***36. AUDITING.** First semester. Two credit hours.

This course is a continuation of 34-35. It covers both the theory and the practice of auditing, discussion being supplemented by problems and specimen working papers. The subject matter covers the procedure involved in cash funds receivable, inventories, investments, deferred charges, capital assets, intangible assets, liabilities, accounts showing net worth, closing of an audit, and construction of audit reports. Thursday, 7:30-9:30.

ACCOUNTING PROBLEMS. First and second semesters. Two credit hours each semester.

This course is intended primarily to meet the requirements of students who intend to enter the accounting profession. The problems cover such topics as partnerships, joint ventures, corporations, executors, administrators and trustees, accounting procedure in dissolutions, interpretation of partnership agreements, consolidated balance sheets, and statements of profit and loss, working capital, requirements, and actuarial science. Wednesday, 7:30-9:30.

C. P. A. REVIEW. Second semester. Two credit hours.

This is an intensive review of subjects, both law and accounting, required in examinations 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. Friday, 7:30-9:30.

INCOME TAX. First semester. Two credit hours.

In this course a study is made of the federal income tax law, and the accounting procedures required under it. Some previous knowledge of accounting is required. Friday, 7:30-9:30.

ANALYSIS OF BUSINESS STATEMENTS. Second semester. Two credit hours.

A detailed analysis of the balance sheet and statement of profit and loss is made in this course. The relations between the various 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. Prerequisite, one year in accounting or business experience approved by the instructor. Monday, 7:30-9:30.

***40-41. BUSINESS LAW.** First and second semesters. Two credit hours each semester.

This course consists of study of the origin of commercial law, operation and discharge of contracts, and the law of sales and of negotiable instruments. Partnerships and corporations are studied, giving attention to the statutes which form the working machinery for economic activity. Friday, 7:30-9:30. Mr. HOLMES

***BUSINESS FINANCE.** First semester. Two credit hours.

This course unifies all the scattered information on the subject of finance into a working whole. The financial structure and operation of modern business are examined. The necessity for and the uses of borrowed funds in business, sources of funds, relation of the business executive to his bank and the safeguarding of credit, are studied. Wednesday, 7:30-9:30.

***3. MONEY AND BANKING.** First semester. Three credit hours.
For description see Economics.

BUSINESS PROBLEMS. First semester. Two credit hours.
This course is intended for advanced students in the field of economics and business administration. It is concerned with the problems an executive 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 the same form in which they come across the desk of an executive. Wednesday, 7:30-9:30.

INVESTMENTS. Second semester. Two credit hours.
This course considers markets and their influence on the price of securities, elements of sound investment and methods of computing net earnings, amortization, rights, and conversions, federal, municipal, railroad, steamship, street railway, gas, electric, water power, real estate, timber, and irrigation securities as investments, the effect of the business cycle upon various types of investments. Prerequisite, Business Finance. Thursday, 7:30-9:30.

***STATISTICS.** Second semester. Two credit hours.
This course is to provide the student with a knowledge of statistical methods and their application to economic, business, and social problems. Consideration is given, following an analysis of the scientific method, to the methods of collecting, appraising and interpreting of statistical data and their application to concrete problems. Tabulation, charts, and graphs are particularly stressed.

INSURANCE. First semester. No credit.
This course deals with insurance principles and practice. Among the types studied are life, fire, marine, liability and compensation, and various forms of casualty insurance such as automobile, title, credit insurance, and corporate bonding. Tuesday, 7:30-9:30.

***CREDITS AND COLLECTIONS.** Second semester. No credit.
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 and installment credits. Tuesday, 7:30-9:30.

***MARKETING.** First semester. Two credit hours.
This course is fundamental for the merchant or sales executive. The advanced sales courses are based upon it. It considers the nature of customer demand, the function of middlemen, sale of consumer and industrial goods, pricing and price factors, and a study of the costs of marketing. Thursday, 7:30-9:30.

PROFESSOR LEIGH

SALESMANSHIP. First and second semesters. Two credit hours each semester.

Economic need of selling, the selling process, and the preparation of sales talks and plans, are included in this course. The text is supplemented by problems from actual sales experience, and theory is driven home by laboratory practice. Monday, 7:30-9:30.

MR. HOLMES

SALES ADMINISTRATION. Second semester. Two credit hours.

This course presents the problems of marketing from the point of view of the head of a business. It treats the problems of product and market analysis; methods of demand creation; choosing channels of distribution; sales and advertising organization; selection, training, compensation, and control of salesmen; elements of sales campaigns; statistics and summaries for managerial control. Prerequisite, Marketing. Thursday, 7:30-9:30.

PROFESSOR LEIGH

ADVERTISING. Second semester. Two credit hours.

This is a survey of the field of advertising, treating of the problems and scope of advertising, the place of advertising in business, the human aspects of the market, the appeals, the media, and the special fields of advertising. The class work is supplemented by special problems and one entire campaign is completed by each student. Monday, 7:30-9:30.

MR. LEWERS

RETAILING. Second semester. Two credit hours.

This course deals with the management and control of merchandising establishments. The function of the retailer, purchase and inventory control, handling of employees, advertising and window display are considered. Wednesday, 7:30-9:30.

***BUSINESS ORGANIZATION.** First semester. Two credit hours.

This course is intended to give the student a proper perspective of the business organization. The business establishment is considered as a unified concern, composed of various departments such as finance, production, distribution, and accounting, each of which has a definite and vital function to perform. The managerial viewpoint is taken throughout, and emphasis is on the analytical approach to business problems. Class work is supplemented by problems and plant trips. Tuesday, 7:30-9:30.

PROFESSOR LEIGH

***BUSINESS MANAGEMENT.** Second semester. Two credit hours.

This course is a continuation of Business Organization. It covers such topics as the nature of business management, types of organizations, line and staff control, centralized and de-centralized control, delegation of authority, standardization, co-ordination, planning, and inspection. Relations of employer and employee are also considered and the employment department, its organization and functions, is studied. Prerequisite, Business Organization. Tuesday, 7:30-9:30.

PROFESSOR LEIGH

FACTORY MANAGEMENT. Second semester. Two credit hours.

Factors affecting the location of the plant, and the following topics are studied in this course: adaptation of building to process, routing of work, selection and arrangement of machinery, auxiliary departments, types of organization and special adaptation of each type, executive control, methods in production, stores, purchasing, shipping, engineering, progress records and standardization. Prerequisite, Business Organization. Wednesday, 7:30-9:30.

FOREMANSHIP. Second semester. Two credit hours.

This is a specialized course for those in minor executive positions. It considers the questions of employee motivation, giving of instruction, discipline, planning and systemization of work and other subjects. Not offered in 1927-28.

PURCHASING AND STORING. First and second semesters. Two credit hours each semester.

This course is for purchasing agents, executives and commerce students. The organization of the purchasing department, purchasing routine, control systems, and specifications and standardizations of stores, buying of many important commodities, and a purchase policy in relation to the business cycle are considered. Friday, 7:30-9:30.
MR. MARSHALL

***BUSINESS CORRESPONDENCE.** Second semester. Two credit hours.

This is a course in sales, credit, collection, adjustment, and miscellaneous letters. Attention is given to the structure and content of the various types of letters, the psychology underlying the sales, collection, and adjustment letters; tact in handling and special situations that arise in business. Emphasis is placed on accuracy, definiteness and conciseness of expression. Wednesday, 7:30-9:30.

FUNDAMENTALS OF REAL ESTATE. First semester. No credit.

This course considers the 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 are studied in this course. Tuesday, 7:30-9:30.
MR. MARTING

REAL ESTATE FINANCING. First semester. No credit.

This course is 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.

This is 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 methods. Topics in the course include income analysis, district mutations, over-improvement, under-improvement, and corner lot values. Monday, 7:30-9:30.

MR. MARTING

ECONOMICS AND SOCIOLOGY

PROFESSOR DAVIS, ASSOCIATE PROFESSOR HAWTHORN

ECONOMICS

- *1-2. **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 AND ASSISTANT

- *3. **MONEY AND BANKING.** First semester. Three credit hours.

This course covers the principles and functions of money, credit and banking; credit instruments, credit and banking institutions, with especial attention to The Federal Reserve System. Prerequisite, equivalent of Course 1, or permission of the instructor. Monday, 7:30-9:30; Wednesday, 6:30-7:30.

PROFESSOR DAVIS

SOCIOLOGY

- *1. **INTRODUCTORY SOCIOLOGY.** First semester. Three credit hours. This course deals with the basic concepts and fundamental principles and methods of Sociology. It includes a study of the origin, development, structure and control of human society. Tuesday, 7:30-9:30; Thursday, 6:30-7:30.

ASSOCIATE PROFESSOR HAWTHORN

2. **SOCIAL PATHOLOGY.** Second semester. Three credit hours.

This course deals with the maladjustments in society; crime, poverty, delinquency, the juvenile offender, the pauper, the subnormal; and studies correctional institutions and methods. Tuesday, 7:30-9:30; Thursday, 6:30-7:30.

ASSOCIATE PROFESSOR HAWTHORN

EDUCATION

PROFESSOR HAYES, PROFESSOR KUHNES, MR. McCORD, MISS HOOVER,
MR. SMITH, MRS. MAREK

- *2. GENERAL HISTORY OF EDUCATION. First semester. Three 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. Tuesday, 6:30-7:30; Thursday, 7:30-9:30.

- *3. HISTORY OF EDUCATION IN THE UNITED STATES. Second semester. Three credit hours.

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. Tuesday, 6:30-7:30; Thursday, 7:30-9:30.

- *4. PERSONAL HYGIENE. First 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. SMITH

- *5. 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.

MRS. MAREK

- *6. 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. Monday, 7:30-9:30.

PROFESSOR HAYES

- *7. 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, 8:00-10:00.

MISS HOOVER

THE EVENING SESSION

- *8. 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. Saturday, 8:00-10:00.
PROFESSOR KUHNES

- *9. PRINCIPLES OF TEACHING. First semester. Two credit hours.

This course is required of all prospective elementary teachers by the State Department of Education. It deals with the principles of educational practice which are sound from a psychological viewpoint, and have been successfully applied. Tuesday, 7:30-9:30.
MR. McCORD.

- *12. 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. Saturday, 10:00-12:00.
PROFESSOR HAYES

- *16. APPLIED EDUCATIONAL SOCIOLOGY. First semester. Repeated second semester. 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. Tuesday, 7:30-9:30.

ENGINEERING

PROFESSOR DURST, PROFESSOR WALTHER, ASSISTANT PROFESSOR BULGER, MR. SAHAG

- 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 for young men now employed or desiring to be employed in engineering work, clerks now employed in engineers' offices who wish to get a better understanding of their work, and students of law, mathematics, etc., who will find the practical applications of surveying useful in their studies. Monday, 7:30-9:30.
PROFESSOR DURST

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

ADVANCED ELECTRICITY.

An advanced course with laboratory work will be offered which will be open to those who have successfully completed Industrial Electricity, or its equivalent, providing there is sufficient demand for such a course.

REINFORCED CONCRETE. First and second semesters. One credit hour each semester.

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. Monday, 7:30-9:30.

ASSISTANT PROFESSOR BULGER

ENGINEERING DRAWING AND ELEMENTARY DESIGN. First and second semesters. One credit hour each semester.

This course is intended for all those who wish to study the fundamental principles of engineering drawing, or to gain additional knowledge in any particular branch of it, such as mechanical, structural, or architectural drawing and design. For those who will be classified as beginners, instruction will be given in the use of instruments, orthographic and isometric projections; for those who have had previous preparation, special instruction will be given on advanced work in their particular field. Thursday, 7:30-9:30.

MR. SAHAG

ENGLISH

PROFESSOR PEASE, MR. GOODELL, MR. VANCE

*1-2. **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 the analysis of description, argument, and narration, and to the writing of longer papers within these types of composition. Monday, 7:30-9:30; Wednesday, 6:30-7:30.

MR. GOODELL

- *39-40. **THE NOVEL.** First and second semesters. Three credit hours each semester.

A study of the history and structure of the English novel from the Middle English period to the present time, including significant types of fiction and important British and American novelists. The readings, lectures, and discussions involved will aim to develop appreciation of the English novel as an historic growth and as an artistic interpretation of life. Wednesday, 6:30-7:30; Friday, 7:30-9:30.

PROFESSOR PEASE

- *CONTEMPORARY JOURNALISM. First and second semesters. Three credit hours each semester.

This course is a general study of the development and modern trends of the profession of journalism. It includes lectures by the instructor, talks by members of the staffs of Akron newspapers, and assigned reading and writing. No textbook is used. The course is designed particularly for school executives who edit, or supervise the editing of, publications, and others who occasionally contribute to newspapers. It is a study of the practices of newspapers and the reasons for their policies. The objective is a comprehensive understanding of modern newspapers. Monday, 6:30-7:30; Wednesday, 7:30-9:30.

MR. VANCE

HISTORY

ASSISTANT PROFESSOR GARDNER

- *11. **AMERICAN HISTORY TO 1865.** First semester. Three credit hours.

The first part of this course is devoted to the colonial background of the nation. Then an exhaustive study is made of the formation of the Union, new nationalism, Jacksonian Democracy and the varied problems leading to the Civil War. Monday, 6:30-7:30; Wednesday, 7:30-9:30.

ASSISTANT PROFESSOR GARDNER

- *12. **AMERICAN HISTORY SINCE THE CIVIL WAR.** Second semester. Three credit hours.

A study is made of the reconstruction, westward expansion and development; "Dominion over Pine and Palm"; the trust, tariff and monetary problems, concluding with a close survey of pre-war and post-war conditions. New students may enter this course the second semester. Monday, 6:30-7:30; Wednesday, 7:30-9:30.

ASSISTANT PROFESSOR GARDNER

HOME ECONOMICS

PROFESSOR STIMMEL, MISS BUMPAS

*HOUSEHOLD ADMINISTRATION. First and second semesters. One credit hour each semester.

This course for the first semester is a study of family income, making a budget, household activities, household equipment, methods of housework, marketing, family expenditures, with emphasis on the economic aspects, and the social aspects of the household and the family.

The second semester, a study is made of problems occurring in the furnishing of the house from an artistic, historic and economic standpoint; and interior decoration. Monday, 7:30-8:30.

PROFESSOR STIMMEL

*FOODS. First and second semesters. One credit hour each semester.

The first semester, this course includes a study of the principles of food preparation. Laboratory work on beverages, milk and eggs, cereals, vegetables, salads, sandwiches, breads, meats and desserts.

The second semester, the course includes meal planning, preparation of food, and table service. A Laboratory fee of \$3.75 each semester is charged. Wednesday, 7:00-9:00.

MISS BUMPAS

MATHEMATICS

PROFESSOR JONES, MISS LIPSCOMBE, MISS REGER

*1. 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.

MISS LIPSCOMBE

*2. 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, inverse trigonometric functions, right and oblique triangles, logarithms. Monday, Tuesday, Thursday, Friday, 6:30-7:30.

MISS REGER

*3. ANALYTICS AND CALCULUS. First semester. Three 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. Offered alternate years beginning 1926. Tuesday, 6:30-7:30; Thursday, 7:30-9:30.

PROFESSOR JONES

*4. CALCULUS. Second semester. Three 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. Offered alternate years beginning 1927. Tuesday, 6:30-7:30; Thursday, 7:30-9:30. PROFESSOR JONES

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, the different types of furnaces, methods of rolling steel and purposes for which different grades of steel are used, will be studied. Thursday, 7:30-9:30.

ASSISTANT PROFESSOR SCHAEFER

PRACTICAL HEAT TREATING. Second semester. Two credit hours.

This course is a continuation of Metallurgy of Iron and Steel. A study is made 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

MR. CHENOT, MISS HOOVER, MISS CHRISTENSEN

*5. 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. Wednesday, 7:30-9:30. MR. CHENOT

*6. 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. Saturday, 8:00-10:00. MISS HOOVER

- *7. 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. Saturday, 10:00-12:00. MISS HOOVER

- *8. 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. Wednesday, 7:30-9:30. MR. CHENOT

- *9. 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, or the ability to sing at sight material suitable for the third grade. Wednesday, 7:30-9:30.

MISS CHRISTENSEN

- *10. 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. Wednesday, 7:30-9:30.

MISS CHRISTENSEN

- *11. STORY TELLING. First semester. Three 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. Monday, 6:30-7:30; Thursday, 7:30-9:30.

MISS HOOVER

- *12. STORY TELLING. Second semester. Three credit hours.

This course is a continuation of 11. It emphasizes 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. Monday, 6:30-7:30; Thursday, 7:30-9:30.

MISS HOOVER

***14. 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 a means of developing the appreciation of the children. Monday, 7:30-9:30; Thursday, 6:30-7:30. MISS HOOVER

***15. 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. Monday, 7:30-9:30; Thursday, 6:30-7:30. MISS HOOVER

MODERN LANGUAGES

PROFESSOR BULGER, ASSISTANT PROFESSOR REED, MISS ROGERS

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.

Students who have had one year's work in a secondary school will receive half-credit if they take the first year's work over.

Students who have had two or more years' work in a secondary school will receive no credit if they take the first year's work.

FRENCH

***1-2. 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.

SPANISH

***1-2. 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.

***3-4. SECOND YEAR SPANISH.** First and second semesters. Three credit hours each semester.

Reading, Conversation and Composition. Tuesday, 7:30-9:30; Thursday, 6:30-7:30.

GERMAN

- *1-2. 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.

- *3-4. SECOND YEAR GERMAN. First and second semesters. Three credit hours each semester.

Reading, Conversation and Composition. Tuesday, 7:30-9:30; Thursday, 6:30-7:30.

PHYSICS

PROFESSOR HOUSEHOLDER

- *1-2. GENERAL INTRODUCTORY PHYSICS. First and second semesters. Four credit hours each semester.

This is a first course in college Physics, intended to give the student a general survey of the subject and its relation to everyday life. This course may be used to satisfy the minor requirements for an A. B. degree or for students who have not had high school Physics, but may not be offered as fulfillment for the degree of B. S. Tuesday, Thursday, 6:30-9:30.

PROFESSOR HOUSEHOLDER

PHYSICAL EDUCATION

MISS DUNCKLEY

- *16-17. FIRST AID. First semester. Two credit hours.

In this course 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 physical education and athletics. Monday, 7:30-9:30.

MISS DUNCKLEY

POLITICAL SCIENCE

PROFESSOR CRECRAFT, ASSISTANT PROFESSOR HALLENBECK

- *1-2. AMERICAN GOVERNMENT. First and second semesters. Four credit hours each semester.

Students will be admitted to this course the second semester provided they complete the first half of the course the following year. The course gives a comprehensive survey of the field of national, state, and local government. It is required of all freshmen who are registered for the Arts degree. Only one semester is required of those who take the Teachers College course. Monday and Wednesday, 7:30-9:30.

ASSISTANT PROFESSOR HALLENBECK

***20. GOVERNMENT AND BUSINESS.** First semester. Three credit hours.

This course presents the subject of government from the point of view of its relation to business, property, and occupational interests. It aims to set forth the services which government renders to business. Tuesday, 6:30-7:30; Thursday, 7:30-9:30.

PROFESSOR CRECRAFT

***PARLIAMENTARY LAW.** Second semester. Three credit hours.

This course aims to introduce the student to the essentials of parliamentary practice. Students will provide themselves with brief manuals on parliamentary procedure, and will learn in the class room the basic principles of the subject. Tuesday, 6:30-7:30; Thursday, 7:30-9:30.

PROFESSOR CRECRAFT

PSYCHOLOGY

PROFESSOR HAYES, PROFESSOR KUHNES, MR. SMITH, MISS MAUS

***1. GENERAL PSYCHOLOGY.** First semester. Repeated 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. Monday, Wednesday, 7:30-9:30.

MR. SMITH

***2. 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, 1. Friday, 7:30-9:30.

PROFESSOR KUHNES

***3. 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, 1 and 2. Friday, 7:30-9:30.

PROFESSOR KUHNES

***4. CHILD PSYCHOLOGY.** First semester. Two credit hours.

The child is considered in this course 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, 10:00-12:00.

PROFESSOR HAYES

- *5. 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

- *6. 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

- *7. 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

- *ACTIVITIES AND ORGANIZATIONS FOR BOYS. Second semester. Two credit hours.

The purposes of this course are to give fathers and other interested workers a better knowledge of the nature of their boys and the ways of properly molding young character; to support both morally and materially all measures which guarantee a fuller realization of the rights of the boy; to grow younger and healthier in body, mind and spirit by attaining the boyish viewpoint and mastering the secret of perpetual youth, the palship of man with boy; to attain the maximum of earthly happiness because of the realization of duty well done and a share in the molding of that most priceless material, boyhood. The course is open to teachers and parents who are interested in leadership of boys. Thursday, 7:30-9:30. MR. SMITH

*ACTIVITIES AND ORGANIZATIONS FOR GIRLS. Second semester. Two credit hours.

This is a course for teachers, social workers, and others dealing directly with girl groups. The aim is to study thoroughly the discus- sional 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 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. Tuesday, 7:30-9:30. MISS MAUS

SPEECH

MISS McEBRIGHT

*VOICE-SPEECH. First and second semesters. Two credit hours each semester.

The fundamental principles of voice and speech are studied, includ- ing 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 man- hood and womanhood. Tuesday, 7:30-9:30. MISS McEBRIGHT

*INTERPRETATIVE READING AND REHEARSALS. 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 imag- ination 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 interpre- tation, in dramatic delivery and in reading of lines. Thursday, 7:30-9:30. MISS McEBRIGHT

GRADUATE COURSES

DEAN BANKES, PROFESSOR HAYES, PROFESSOR KUHNES,
MR. WATERHOUSE, MR. ERWINE

EDUCATION

- *104. THE TEACHING STAFF AND ITS ORGANIZATION. First semester. 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. Monday, 7:30-9:30.

PROFESSOR KUHNES

- *105. 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. Monday, 7:30-9:30.

PROFESSOR KUHNES

110. METHODS IN HIGH SCHOOL ENGLISH. First 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. Saturday, 10:00-12:00.

PROFESSOR KUHNES

- *111. OBJECTIVES IN SECONDARY EDUCATION. Second 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. Saturday, 8:00-10:00.

PROFESSOR KUHNES

- *112. 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. Saturday, 10:00-12:00.

PROFESSOR KUHNES

- *113. EDUCATIONAL PHILOSOPHY. Second 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. Wednesday, 7:30-9:30.

PROFESSOR KUHNES

- *114. 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. Wednesday, 7:30-9:30.

PROFESSOR KUHNES

- *116. PUBLIC SCHOOL ADMINISTRATION. Second semester. Two credit hours.

This is an introductory course for teachers and principals who desire a knowledge of the essential elements of proper educational control as applied to all types of public school work. Special emphasis is placed on the application of the administrative experience of cities to county and state organizations. Thursday, 7:30-9:30.

MR. ERWINE

- *117. JUNIOR HIGH SCHOOL ADMINISTRATION. First semester. Two credit hours.

This course will treat the evolution and development of a new type of intermediate school in answer to the protest against the traditional method of training adolescent pupils. Underlying principles, suitable curricula and methods will be developed. An effort will be made to make the course of practical value to all who are interested in the educational movement. Thursday, 7:30-9:30.

MR. ERWINE

- *118. EDUCATIONAL GUIDANCE. Second 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. Tuesday, 7:30-9:30.

MR. WATERHOUSE

PSYCHOLOGY

- *101. PSYCHOLOGY OF ADOLESCENCE. Second semester. Two credit hours.

This course is open to seniors, teachers of experience, and graduate students. It 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, 8:00-10:00.

PROFESSOR HAYES

***105. GENETIC PSYCHOLOGY. Second semester. Two credit hours.**

This course is open to graduate students and others who have had sufficient preparation in psychology and biology to satisfy the instructor. It is a basic course for those who wish to major in psychology in their graduate work. Friday, 7:30-9:30.

PROFESSOR HAYES

***109. PSYCHOLOGY OF HIGH SCHOOL SUBJECTS. Two credit hours.**

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. Saturday, 8:00-10:00.

PROFESSOR HAYES

***110. PSYCHIATRY. First semester. Two credit hours.**

This course will consist of lectures, discussions, reports and observations in the field of mental disorders, with special application to the problem of education. For purposes of observation, visits to some of the institutions will be made. The course is open to graduate students and others who have had sufficient preparation in Biology and Psychology. Friday, 7:30-9:30.

PROFESSOR HAYES

RESEARCH

101-102. 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. Tuesday, 6:30-8:30.

DEAN BANKES

103. 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 \$10 is charged for the thesis work.

DEAN BANKES, PROFESSOR HAYES, PROFESSOR KUHNES

104. RESEARCH PROBLEM. Credit by arrangement, one or two 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

FIRST SEMESTER SCHEDULE

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THE EVENING SESSION

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
<p>6:30-7:30</p> <ul style="list-style-type: none"> *Algebra *Prin. of Economics *Contemporary Journalism *American History *Story Telling XI. 	<p>6:30-7:30</p> <ul style="list-style-type: none"> *Algebra *Physics *Gov. and Business *Gen. Hist. of Education *Seminar Analytics and Calculus 	<p>6:30-7:30</p> <ul style="list-style-type: none"> *Money and Banking *Rhetoric *The Novel 	<p>6:30-7:30</p> <ul style="list-style-type: none"> *Algebra *Physics *Intro. Sociology *Spanish III. *Lit. for Prim. Grades German III. 	<p>6:30-7:30</p> <ul style="list-style-type: none"> *Algebra
<p>6:30-8:30</p> <ul style="list-style-type: none"> *German I. 				<p>6:30-8:30</p> <ul style="list-style-type: none"> *German I.
<p>7:30-8:30</p> <ul style="list-style-type: none"> *Household Administration 		<p>7:00-9:00</p> <ul style="list-style-type: none"> *Foods 		
<p>7:30-9:30</p> <ul style="list-style-type: none"> *Geog. of Commerce *Accounting Salesmanship Real Estate Financing *Money and Banking *Rhetoric *American Gov. Surveying Reinforced Concrete *Gen. Psychology *Lit. for Prim. Grades Lab. for all Art Classes *The Teaching Staff and Its Organization *Tests and Meas. for El. Schools *First Aid and Massage 	<p>7:30-9:30</p> <ul style="list-style-type: none"> *Business Organization Insurance Fund. of Real Estate *Intro. Sociology Elect. Engineering *French I. *Spanish I. *Spanish III. *Voice-Speech *Prin. of Teaching *Elements of Art *Applied Ed. Sociology *Nature Study *German III. 	<p>7:30-9:30</p> <ul style="list-style-type: none"> *Elem. Org. Evolution *Adv. Accounting Accounting Problems *Business Finance Business Problems *Contemporary Journalism *Prin. of Economics *American Government *American History *Gen. Psychology *Public School Music *Teaching Arithmetic *Home and Sch. Crafts V. *Psychology of Ex. Child *Current Ed. Thought 	<p>7:30-9:30</p> <ul style="list-style-type: none"> *Cost Accounting Auditing *Marketing *Analytics and Calculus Engineering Drawing and Elementary Design Metallurgy *French I. *Spanish I. *Government and Business *Interpretative Reading and Rehearsals *Gen. Hist. of Ed. *Story Telling I. *Personal Hygiene *Pose XI. *Jr. High School Administration 	<p>7:30-9:30</p> <ul style="list-style-type: none"> *Business Law Purchasing and Storing *The Novel *Ed. Psychology *Com. Art 14 *Psychiatry Income Tax
				<p>SATURDAY</p> <p>8:00-10:00</p> <ul style="list-style-type: none"> *Intro. to Education *Teaching Language *Psychology of High School Subjects
				<p>10:00-12:00</p> <ul style="list-style-type: none"> *Child Psychology *Methods in High School English

*For all courses marked with an asterisk credit will be given in Teachers College.

SECOND SEMESTER SCHEDULE

MONDAY 6:30-7:30	TUESDAY 6:30-7:30	WEDNESDAY 6:30-7:30	THURSDAY 6:30-7:30	FRIDAY 6:30-7:30
<ul style="list-style-type: none"> *Trigonometry *Prin. of Economics *Contemporary Journalism *American History since Civil War *Story Telling 12 	<ul style="list-style-type: none"> *Trigonometry *Physics *Parliamentary Law *Hist. of Ed. in U. S. *Seminar Calculus 	<ul style="list-style-type: none"> *Rhetoric *The Novel 	<ul style="list-style-type: none"> *Trigonometry Social Pathology *Physics *Spanish IV. Lit. for Upper Grades German IV. 	<ul style="list-style-type: none"> *Trigonometry
<p style="text-align: center;">6:30-8:30</p> <ul style="list-style-type: none"> *German I. 				<p style="text-align: center;">6:30-8:30</p> <ul style="list-style-type: none"> *German I.
<p style="text-align: center;">7:30-8:30</p> <ul style="list-style-type: none"> *Household Administration 		<p style="text-align: center;">7:00-9:00</p> <ul style="list-style-type: none"> *Foods 		
<p style="text-align: center;">7:30-9:30</p> <ul style="list-style-type: none"> *Accounting Salesmanship Real Estate Appraising *Rhetoric Surveying Reinforced Concrete *American Government *Psych. of Learning *Lit. for Upper Grades *Gen Psychology Lab. for all Art Classes *Comparative School Systems Analysis of Business Statements Advertising 	<p style="text-align: center;">7:30-9:30</p> <ul style="list-style-type: none"> Business Management Credits and Collections Fund. of Real Estate Social Pathology Electrical Engineering *Spanish IV. *Spanish II. *French II. *Voice-Speech Design 2 *Applied Educational Sociology *Girl Activities and Organizations *Educational Guidance Statistics German IV. 	<p style="text-align: center;">7:30-9:30</p> <ul style="list-style-type: none"> *Elem. Organic Evolution *Advance Accounting *Prin. of Economics Accounting Problems Retailing *Contemporary Journalism *American History since Civil War *American Government Factory Management Public School Music *Gen. Psychology *Teaching History *Interior Decoration No. 7 *Psych. of Except. Child *Educational Philosophy Business Correspondence 	<p style="text-align: center;">7:30-9:30</p> <ul style="list-style-type: none"> *Cost Accounting Sales Administration Investments Engineering Drawing and Elementary Design Heat Treating *Spanish II. *French II. *Calculus *Parliamentary Law *Interpretative Reading and Rehearsals *Hist. of Ed. in U. S. *Story Telling 12 *Boy Activities and Organizations *Illustration 12 Public School Administration 	<p style="text-align: center;">7:30-9:30</p> <ul style="list-style-type: none"> *Business Law Purchasing and Storing *The Novel *Ed. Psychology *Com. Art 15 *Genetic Psych. C. P. A. Review
				<p style="text-align: center;">SATURDAY 8:00-10:00</p> <ul style="list-style-type: none"> *Objectives in El. Education *Psych. of Adolescence *Objectives in Sec. Education
				<p style="text-align: center;">10:00-12:00</p> <ul style="list-style-type: none"> *School Law *Teaching Geography *Anthropology of the School Child

*For all courses marked with an asterisk credit will be given in Teachers College.

1927 SUMMER SESSION*W. J. BANKES, A. M., Dean of Teachers College, Director***INTRODUCTORY STATEMENT**

Educational 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 accepted 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 work of the Summer Sessions has met the standards of the regular courses of the institution and courses for 1927 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 and college students will have greater and better opportunities to take advanced courses in 1927. 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 Board of Directors of the University has created a splendid spirit of cooperation 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 and many students work part time in these factories.

GENERAL INFORMATION

The 1927 Summer Session will open June 20, and close July 29. 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 and French 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. Students may register for three weeks only in one-hour courses.

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.

For three-year, four-year and five-year courses see general catalog. Following is an outline of the two-year course:

Rhetoric 25	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 Education	3 hrs.	Personal Hygiene	2 hrs.
School Management	2 hrs.	Public School Music	4 hrs.
Principles of Teaching	3 hrs.	Psychology (including Educa-	
American History	2 hrs.	tional Psychology)	5 hrs.
Art	4 hrs.	Practice Teaching and Observa-	
Tests and Measurements	2 hrs.	tion	4 hrs.

Required, 50 hours. Electives, 14 hours. Total required, 64 hours, 16 of which must be earned in the University of Akron. 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 credit hours, 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 seventh and eighth grades, and in high schools in the Akron city schools, but only a limited number of students may do practice teaching. 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 Bankes 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. A course in "The Platoon School" will be offered.

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 21 and carry out the schedule provided on the last page of this bulletin. No class is scheduled after one o'clock. Students have the afternoons for study and recreation.

Registration will take place in Room 38, Buchtel Hall, June 20, from 8 a. m. to 5 p. m. Any person registering after June 20 will be charged an additional late registration fee of \$1, except those who register for the last three weeks only. 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. Cookson, 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 20, 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.

RULES REGARDING ABSENCE AND TARDINESS

(In effect the first day of the term)

1. Any absence from class, or two tardinesses, shall constitute a "cut."

2. If no cuts are taken in any course, and the work in the course be of a passing grade, the student shall be credited with the hour specified for that course and as many tenths of an hour in addition. (Perfect attendance in a three-hour course would give 3.3 credit.) For each cut 1/10 hour shall be deducted from the maximum credit possible in the course. One absence in a three-hour course would give 3.2 hours' credit.

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 10 o'clock. The programs will be made as interesting as possible. The public is invited to attend all programs.

Special musical productions and other attractive features will be added to the printed program which follows:

June 23—"An Increment to Teaching Power"—George E. McCord, Superintendent of Schools, Akron, Ohio.

June 30—"Making Education a Unit of Experience"—Mary Dabney Davis, Specialist in Nursery, Kindergarten, Primary Education, U. S. Bureau of Education, Washington, D. C.

July 7—Special Music Program—Grace Barr, Specialist in Music Appreciation, Camden, New Jersey.

July 14—"Being Up to Date"—Frank Cody, Superintendent of Schools, Detroit, Michigan.

July 21—Music Appreciation—Dale Haven, Specialist in Music.

July 28—Program by the Department of Vocal and Dramatic Expression directed by Miss Carita McEbright.

SPECIAL FEATURES

The above program presents excellent talent. The Superintendent of Akron Schools, and the University Department of Vocal and Dramatic Expression, together with the excellent talent secured outside of the University, assure students of valuable assembly hours.

Supt. Frank Cody is well known as a versatile superintendent of schools. July 14 will be a red letter day of the Summer Session. At 9 o'clock he will hold a school conference in room 37, Buchtel Hall. This conference will be open to superintendents, supervisors, principals and teachers. At 10 o'clock he will speak at assembly and at 12 o'clock noon, a luncheon will be given in his honor at the University Club, after which he will speak again. Faculty, students, and friends of the University may attend this luncheon by reserving plates at \$1.00 each at the office of Dean Bankes, or by mail, before July 12.

Miss Mary Dabney Davis of the U. S. Bureau of Education will hold a conference in room 37, Buchtel Hall, at 9 o'clock, June 30, on "Public School Programs for the Education of Children Below School Age." At 10 o'clock she will speak at assembly.

Mr. Dale Haven, a specialist in Music Appreciation, will spend two days in conference with groups of students, July 20 and 21. He is an authority in the field of music, an accomplished pianist, and a very good platform man. He will present the assembly program of July 21.

Miss Grace Barr, who for some years was a teacher of music appreciation 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. She is widely known throughout the United States as a specialist in her field. Students who attended her classes last summer will be pleased to learn of her return for 1927.

Two specialists in education will conduct classes over a period of three weeks. M. M. Proffitt, specialist in Industrial Education, U. S. Bureau of Education, will be with us again. Supt. C. W. Cookson will bring valuable contributions in his field. Each course by these specialists offers one hour credit. Students may register for one or more of these three weeks courses.

ANNUAL PICNIC

The annual picnic will be held on the afternoon of Wednesday, July 13. 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, B12, on Tuesday, July 26. Students and citizens will find this exhibit interesting.

EXPENSES

A maintenance fee of \$4 per credit hour will be charged all students. Each course carries a statement of credit 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.

THE SUMMERLITE

A weekly newspaper, "The Summerlite," is published by the class in journalism. It contains articles about Summer Session activities and feature stories about Summer Session students and faculty.

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 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

ART

4. HOME AND SCHOOL CRAFTS. Two credit hours.

Applied design, stenciling, block printing, batik, applique, embroidery, tooled and dyed leather, color cement, parchment shades, enamel, gesso, basketry, bookbinding, and toy making, are included in this course. Class meets daily from 10:45 to 12:55 in B12.

MRS. BARNHARDT

9. STILL LIFE. 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. Class meets daily from 7:15 to 9:25 in B12.

MRS. BARNHARDT

BIOLOGY

1. BIOLOGY. Four credit hours.

This course is made up of one hour lecture and three hours laboratory work per day, 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. A laboratory fee of \$2.50 is charged. Class meets daily from 7:15 to 11:45 in O25 for one hour lecture and three hours laboratory.

ASSISTANT PROFESSOR KRAATZ

ECONOMICS

1. PRINCIPLES OF ECONOMICS. Two credit hours.

An Introductory Course. The course covers the basic facts of our economic organization. Human wants; the evolution of our modern industrial society; division of labor; machine industry; business organization; risks of the business man; the wise utilization of our human and natural resources. Open to adults and students of Sophomore grade. Class meets daily at 7:15 in B32.

PROFESSOR DAVIS

3. MONEY AND BANKING. Two credit hours.

The course covers the principles and functions of money; credit and banking; credit instruments; credit and banking institutions, with special attention to the Federal Reserve System. Class meets daily at 8:25 in P12.

PROFESSOR DAVIS

EDUCATION

3. HISTORY OF EDUCATION IN THE UNITED STATES. Three credit hours.

The course includes a study of the European background of American education, and the history of the development of the public school system in the United States as it is today. Class meets two periods daily, at 7:15 and 10:45, first three weeks, and one period daily, at 7:15, last three weeks, in B37. MR. RITCHIE

4. 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. Class meets daily at 7:15 in K22. MR. SMITH

5. NATURE STUDY. Two credit hours.

This course is intended primarily for teachers of nature study and for those who intend to become teachers. The classification and study of animals, plants, and natural phenomena are made with the idea of acquiring material that can be presented to the child rather than the acquiring of technical knowledge. The latter part of the course deals with nature study curricula and methods. Class meets daily at 7:15 in P12. MRS. MAREK

6. 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 studied. Administration and marking various types of educational tests and the possible use of such marks will receive attention. Class meets daily at 9:35 in B22. MR. BATES

9. 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 three hours' credit may be given to satisfy state requirements for certification. Class meets one period daily, at 8:25, first three weeks, and two periods daily, at 8:25 and 10:45, last three weeks, in B37. DEAN BANKES

16. 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. Class meets daily at 7:15 in B11. MR. HATTON

ENGLISH

1. RHETORIC. 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 paragraph structure. The students write short expository compositions. Class meets one period daily, at 7:15 in B25, first three weeks, and two periods daily, at 7:15 in B25 and 9:35 in B12, last three weeks. PROFESSOR PEASE

2. RHETORIC. Two credit hours.

This course is designed with the same purpose as 1, 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, Rhetoric 1. Class meets daily at 8:25 in B25. PROFESSOR PEASE

9. 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. Class meets daily at 10:45 in B32. PROFESSOR ROCKWELL

10. FOLKLORE 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. Class meets daily at 11:55 in B32. PROFESSOR ROCKWELL

15. 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. Class meets daily at 10:45 in B26. MR. VANCE

26. INTRODUCTION TO POETRY. Two credit hours.

This course requires wide reading in all kinds of poetry, including some contemporary verse, with emphasis on appreciation and the study of the development of the types. Class meets daily at 7:15 in B22. MISS MITCHELL

31. SHAKSPERE. Two credit hours.

The purpose of this course is twofold: (1) to acquaint the student with Shakspeare's development as a dramatist, and his place in the Elizabethan Age and in English Literature; (2) to make known to him the great dramatist's best work so that he will not only enjoy the plays read in this course, but will also do further reading in Shakspeare, and return again and again to the reading in after years with ever keener delight. Fifteen or more of the best plays are read. Class meets daily at 9:35 in B32. DEAN SPANTON

38. TENNYSON AND BROWNING. Two credit hours.

The reading and study, so far as the limited time will permit, of the best work of these two poets. Considerable outside reading in constructive criticism of the poems read is required. The aim of the course is to help the student to read both Tennyson and Browning more intelligently and with greater pleasure and profit, and especially to show him wherein lie the permanent significance and power of the work of these two greatest English poets of the Victorian Age. Class meets daily at 10:45 in B38. DEAN SPANTON

FRENCH

1. BEGINNING FRENCH. Four credit hours.

A study of grammar with emphasis on irregular verbs, reading and conversation. Class meets two periods daily, at 8:25 and 11:55, in B22. PROFESSOR BULGER

HISTORY

3. MEDIÆVAL HISTORY. Two credit hours.

The beginning of the Middle Ages extending from the fall of the Roman Empire to the Crusades is the period studied in this course. Special attention will be given to the organization of the new countries, derived from the Old Empire, and such mediæval institutions as the Church, feudalism, chivalry, etc. Class meets daily at 11:55 in B25. ASSISTANT PROFESSOR GARDNER

11. AMERICAN HISTORY TO THE CIVIL WAR. Two credit hours.

This course is devoted to the study of the foundations of the nation; early trials and difficulties of the administration; the use of the new west; "manifest destiny" and its problems leading to the Civil War. Class meets daily at 9:35 in B25. ASSISTANT PROFESSOR GARDNER

MATHEMATICS

1. ALGEBRA. 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. Class meets two periods daily, at 9:35 and 11:55, in B26.

PROFESSOR JONES

METHODS AND TEACHING

5. 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. Class meets daily at 10:45 in B15.

MR. CHENOT

7. THE TEACHING OF GEOGRAPHY. 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. Class meets daily at 8:25 in B11.

MR. HATTON

8. 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. Class meets daily at 11:55 in B11.

MR. CHENOT

11. 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. Class meets daily at 10:45 in K22.

MISS HOOVER

12. STORY TELLING. Two credit hours.

This course is a continuation of Story Telling 11. 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. Class meets daily at 11:55 in K22.

MISS HOOVER

15. 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. Class meets daily at 9:35 in B11.

MISS HOOVER

16. 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. Class meets daily at 10:45 in B11.

MR. DILLEHAY

21. SCHOOL MANAGEMENT. Two credit hours.

This course is designed for elementary teachers. Classroom management and general problems of school management will be discussed. Class meets daily at 8:25 in B15.

MR. FLICKINGER

25. 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. Class meets daily at 9:35 in B15.

MISS GRUBER

26. 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. Class meets daily at 8:25 in B32.

MISS GRUBER

27. 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 Bankes not later than June 1.

PHYSICAL EDUCATION

11. FOLK GAMES AND DANCES. Two credit hours.

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. Class meets daily from 10:45 to 12:55 in the gymnasium.

MISS DUNCKLEY

16. FIRST AID. Two credit hours.

A study is made of the principles and the practice of methods of first aid. Emphasis is laid on conditions arising from injuries in connection with school activities. Red Cross certificates will be granted to students who satisfactorily complete this course. Class meets daily at 9:35 in P12.

MISS DUNCKLEY

POLITICAL SCIENCE

Two courses are offered in the summer session in political science. By special permission, students are permitted to count credits earned in these courses either towards their requirement in American Government, or, if they choose, towards their major or minor requirements in political science.

5. PROBLEMS OF CITIZENSHIP. Two credit hours.

The place of the citizen in the republic, including his relation to the nation, the state, and the locality is stressed in this course. Participation in civic life; community organizations through which the citizen may practice citizenship is also given. The final week is devoted to the essentials in parliamentary law and practice. Class meets daily at 8:25 in B26. PROFESSOR CRECRAFT

24. INTERNATIONAL RELATIONS. Two credit hours.

This course deals with problems of world-wide importance, with special emphasis, however, on American foreign policies. The purpose of the course is to widen the student's knowledge of world affairs and his grasp on world geography as well as world politics. Class meets daily at 10:45 in B25. PROFESSOR CRECRAFT

PSYCHOLOGY

2. 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. Class meets daily at 9:35 in O25.

PROFESSOR KUHNES

5. 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. Class meets daily at 7:15 in B38. PROFESSOR HAYES

PUBLIC SCHOOL MUSIC

30. ELEMENTS OF MUSIC. 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. Class meets daily at 7:15 in B13. MISS DACKERMAN

9. 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, Elements of Music, 30, or the ability to sing, at sight, material suitable for the third grade. Class meets daily at 8:25 in B13. MISS DACKERMAN

10. 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, Elements of Music, 30. Class meets daily at 9:35 in B13. MISS DACKERMAN

MUSIC APPRECIATION

Music Appreciation as a subject should appeal to anyone interested in music. This does not necessitate being a musician; these courses are designed for the layman, as well, to give one a better understanding of the best in music, to make one able to go to a concert and enjoy all of it and know why.

31. MUSIC APPRECIATION I. One credit hour.

A purely cultural course, planned to familiarize students with some of the best compositions in music literature. This course should appeal to the general public, as well as to teachers. Class meets daily first three weeks only at 9:35 in B12. MISS BARR

32. MUSIC APPRECIATION II. One credit hour.

A course in methods of teaching appreciation in the grades. Course I is not a prerequisite, but if taken at the same time it would prove of great value. Class meets daily first three weeks only at 10:45 in B13. MISS BARR

33. MUSIC APPRECIATION III. One credit hour.

A course in methods of teaching music appreciation in Junior and Senior High Schools. Course I is not a prerequisite, but if taken at the same time it would prove of great value. Class meets daily first three weeks only at 11:55 in B13. MISS BARR

SOCIOLOGY

1. 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. Class meets daily at 7:15 in B26.

PROFESSOR HAWTHORN

17. 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. Class meets daily at 11:55 in B15. **MR. CLOSE**

SPEECH**1. INTERPRETATION, AND READING REHEARSALS. Three credit hours.**

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. Class meets one period daily, at 8:25, first three weeks, and two periods daily, at 8:25 and 10:45, last three weeks, in P1. **MISS McEBRIGHT**

2. VOICE AND SPEECH. Three credit hours.

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. Class meets two periods daily, at 9:35 and 10:45, first three weeks, and one period daily, at 9:35, last three weeks. **MISS McEBRIGHT**

Students desiring private lessons may secure them of Miss McEbright.

GRADUATE COURSES

Undergraduates may be admitted to these courses by permission of the Instructor and the Director.

EDUCATION**101. PRINCIPLES OF TEACHING IN SECONDARY SCHOOLS. Three 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. Class meets two periods daily, at 7:15 in P1 and 11:55 in B38, first three weeks, and one period daily, at 11:55, last three weeks, in B38. **MR. FLOOD**

103. 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. Class meets daily at 7:15 in B15. MR. BATES

112. ANTHROPOLOGY OF THE SCHOOL CHILD. 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. Class meets daily at 11:55 in B37. PROFESSOR KUHNES

113. EDUCATIONAL PHILOSOPHY. 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. Class meets daily at 10:45 in O25. PROFESSOR KUHNES

116. PUBLIC SCHOOL ADMINISTRATION. Two credit hours.

An introductory course for teachers and principals who desire a knowledge of the essential elements of proper educational control as applied to all types of public school work. Special emphasis will be placed on the application of the administrative experience of cities to county and state organizations. Class meets daily at 8:25 in O25. MR. ERWINE

117. JUNIOR HIGH SCHOOL ADMINISTRATION. Two credit hours.

This course will treat the evolution and development of a new type of intermediate school in answer to the protest against the traditional method of training adolescent pupils. Underlying principles, suitable curricula and methods will be developed. An effort will be made to make this course of practical value to all who are interested in the educational movement. Class meets daily at 9:35 in B38. MR. ERWINE

118. SUPERVISION OF VOCATIONAL EDUCATION. One credit hour.

Open to those who are engaged in any of the various vocational education fields, such as industry, agriculture, home economics, and business. Each student will be required to make out a plan for supervision in his vocational field, based upon class discussion, assigned readings and personal experiences. Such topics as the

following will be included: Responsibilities of the supervisor; Qualifications of the supervisor; Standards for supervision; Methods for efficient supervision, and measuring the results of supervision. Class meets daily first three weeks only at 8:25 in K22.

MR. PROFFITT

119. EDUCATION AND CHARACTER. One credit hour.

A study of the psychological background for character formation. The relation of moral to mental activity; development of character through school activity; and the relative effects of school subjects upon character development will be emphasized. Present-day character-building curricula will be evaluated. Class meets daily last three weeks only at 8:25 in K22.

MR. COOKSON

120. THE TEACHER'S EQUIPMENT. One credit hour.

A course for teachers, principals and supervisors designed to set forth standard intellectual, personal, social, moral and training equipment for teachers. Standardized tests for measuring the teacher's equipment will be considered. Class meets daily last three weeks only at 9:35 in K22.

MR. COOKSON

121. SUPERVISION OF INSTRUCTION. One credit hour.

A study of the principles underlying the supervision of classroom instruction in the different school subjects and means of improving teaching technique and estimating teaching efficiency. For teachers, principals, superintendents and special supervisors. Prerequisite, experience in teaching or special preliminary training. Class meets daily last three weeks only at 10:45 in B22.

MR. COOKSON

PSYCHOLOGY

101. PSYCHOLOGY OF ADOLESCENCE. Two credit hours.

This course is open to seniors, teachers of experience and graduate students. It 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. Class meets daily at 8:25 in B38.

PROFESSOR HAYES

102. SOCIAL PSYCHOLOGY. Two credit hours.

This 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. Class meets daily at 9:35 in B37.

PROFESSOR HAYES

110. PSYCHOLOGY OF THE COMMON BRANCHES. One credit hour.

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 sensory-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. Class meets daily first three weeks only at 9:35 in K22.

MR. PROFFITT

111. EXPERIMENTAL EDUCATION. One credit hour.

This course is open to those whose education and experience qualify them to read the psychology dealing with learning processes and to carry on experiments in the field of learning according to scientific technique.

The experiments will deal with habit formation. One experiment will be in learning vocabularies in artificial languages, the other, learning new symbols and substituting them for known ones in certain mental operations. No knowledge of any foreign language or any particular symbols is a prerequisite for the course, as the object is to develop technique in experimental education work regardless of the field to which it is applied.

Each student will be required to devote a small amount of time each day to his experiments and to participate in working out a group report. Class meets daily first three weeks only at 10:45 in B22.

MR. PROFFITT

RESEARCH

103. 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. In addition to the preparation of the thesis, at least two appearances before the Seminar are required. A fee of \$10.00 is charged for the thesis work.

104. RESEARCH PROBLEM. Credit by arrangement, one or two hours.

This course is open to graduate students and is in addition to the thesis. Only those who have received permission from their major professors and whose problems are approved, may receive credit. A fee of \$5.00 is charged.

SCHEDULE OF CLASSES

All courses are credited in Teachers College; those starred receive credit in Buchtel College of Liberal Arts.

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.

Beginning Tuesday, June 21, class recitations in each subject will be held each week day except Saturday.

7:15 to 8:15

- *Biology, O25.
- Elements of Music, B13.
- *General Sociology, B26.
- *History of Education in U. S., B37.
- *Introduction to Poetry, B22.
- Nature Study, P12.
- *Personal Hygiene, K22.
- Platoon School, The, B11.
- *Principles of Economics, B32.
- Principles of Teaching in Secondary Schools (first 3 weeks), P1.
- *Psychology of Except. Child, B38.
- *Rhetoric 1, B25.
- Still Life, B12.
- *Tests and Measurements for Secondary Schools, B15.

8:25 to 9:25

- *Biology, Laboratory.
- Education and Character, K22.
- *French, B22.
- *Interpretation and Reading Rehearsals, P1.
- Methods in Reading, B32.
- *Money and Banking, P12.
- Principles of Teaching, B37.
- *Problems of Citizenship, B26.
- *Psychology of Adolescence, B38.
- *Public School Administration, O25.
- Public School Music (Primary Grades), B13.
- *Rhetoric 2, B25.
- School Management, B15.
- *Still Life, B12.
- Supervision of Vocational Ed., K22.
- Teaching Geography, B11.

9:35 to 10:35

- *Algebra, B26.
- *American History, B25.
- *Biology, Laboratory.
- *Educational Psychology, O25.
- First Aid, P12.
- General Primary Methods, B15.
- *Junior H. S. Administration, B38.
- Literature for Upper Grades, B11.
- Music Apprec. I (first 3 weeks), B12.
- Psych. of Common Branches, K22.
- Public School Music (Upper Grades), B13.
- *Rhetoric 1 (last 3 weeks), B12.
- Shakspeare, B32.
- *Social Psychology, B37.

Teachers' Equipment, The, K22.

- *Tests and Measurements for Elementary Schools, B22.
- *Voice and Speech, P1.

10:45 to 11:45

- Auditorium, The, B11.
- *Biology, Laboratory.
- *Educational Philosophy, O25.
- Experimental Education, B22.
- Folk Games, Gym.
- *History of Education in U. S. (first 3 weeks), B37.
- *Home and School Crafts, B12.
- *International Relations, B25.
- *Interpretation and Reading Rehearsals (last 3 weeks), P1.
- *Journalism, B26.
- Music Appreciation II (first 3 weeks), B13.
- *Myths, Legends and Folklore, B32.
- Principles of Teaching (last 3 weeks), B37.
- *Story Telling 11, K22.
- Supervision of Instruction, B22.
- Teaching Arithmetic, B15.
- *Tennyson and Browning, B38.
- *Voice and Speech (first 3 weeks), P1.

11:55 to 12:55

- *Algebra, B26.
- *Anthropology of School Child, B37.
- *Educational Sociology, B15.
- *Folklore of Ancient Cities, B32.
- *French, B22.
- Folk Games, Gym.
- *Home and School Crafts, B12.
- *Mediaeval History, B25.
- Music Appreciation III (first 3 weeks), B13.
- Principles of Teaching in Secondary Schools, B13.
- *Story Telling 12, K22.
- Teaching History, B11.

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	

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

The department renders, through its connection with the Better Akron Federation, several services to the City of Akron :

1. Surveys of religious, recreational and social conditions in the city.
2. Collection of such pamphlets, books and publications as might have a bearing upon urban social problems, and which could be built into a municipal research library.
3. Lectures on applied sociology to groups of citizens, welfare workers, and others interested in urban society.
4. Consultations, through the Federation office, with any individuals or organizations interested in survey or welfare work, with reference to sociological aspects.
5. Connection of students with social service work in the city.

DEPARTMENT OF PHYSICAL EDUCATION

Summer camp work for boys in Akron by 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 nine-week periods in foundries, machine shops, rubber factories, and on construction and railroad work. Arrangements have been made to provide outside work on alternate semester 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.

HOME ECONOMICS

In co-operation with the Akron and Summit County Federation of Women's Clubs, a series of eight lectures on subjects chosen by the Federation was given by the Director of the Home Economics School to a group of ninety women. A nominal charge of one dollar was made to each woman by the Federation and the University was

paid forty dollars of that amount for the use of the room in which the lectures were given. These lectures were very well attended and they stimulated the women to a desire for further and systematic study in the University.

DEPARTMENT OF CHEMISTRY

Two fellowships in the chemistry of india rubber, open to graduates of standard American colleges, have been established at the University by Akron rubber companies, for the purpose of training men for service in their laboratories.

THE LIBRARY

The resources of the Library are open to citizens of the City of Akron for reference during the regular library hours, and for circulation in so far as the demands of class work upon the collection permits.

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.

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.

REGISTER OF STUDENTS

1926-1927

BUCHTEL COLLEGE OF LIBERAL ARTS

GRADUATE STUDENTS

Barrett, Elizabeth	Youngstown
Ph. B., University of Chicago	
Brown, Ruth Blanche	Akron
M. A. in Educ., University of Akron	
Case, Mrs. E. P.	Akron
A. B., Smith College	
Collins, Frances	Akron
A. B., Smith College	
Cummings, Arthur Donald	Portland, Me.
A. M., Harvard University	
Faylor, Ralph John	Akron
B. S. in Bus. Admin., Columbia University	
Hottenstein, Frances Carmichael	Akron
B. S., University of Akron	
Kilbourn, Frederick Lewis	Mt. Vernon, N. Y.
B. S., Brown University	
Ream, Mrs. Madeleine A.	Akron
A. B., University of Akron	
Sammarone, Salvian	Akron
Ph. B., University of Akron	
Vormelker, Philip Samuel	Cleveland
B. S., Case School of Applied Science	
Wise, Janet Griffith	Akron
A. B., Smith College	

Men 5; Women 7; Total 12.

SENIOR CLASS

	Course	
Abersold, L. Gertrude	B. S.	Akron
Ault, Honor Myers	A. B.	Akron
Austin, Lorraine Lucille	B. S.	Akron
Barbian, Homer Livingston	A. B.	Sharon, Pa.
Barnholth, Thelma Lillian	A. B.	Akron
Barrett, Lois Bernadine	A. B.	Akron
Bitter, Raymond Edward	B. S.	Akron
Bordner, Paul William	A. B.	Akron
Boss, George A.	A. B.	Akron
Boyer, Carl Ellsworth	A. B.	Akron
Brubaker, John Franklin	A. B.	Akron
Campbell, John Harold	A. B.	Akron
Colclough, Grace	A. B.	Akron
Coup, Charles F.	B. S.	Akron
Crankshaw, Jesse L.	B. S.	Akron
Davis, Donald	A. B.	Akron

Demming, Perry Thurston	A. B.	Akron
Dey, Alice	A. B.	Akron
Epstein, Naomi Ruth	A. B.	Akron
Esgate, Jean Virginia	A. B.	Akron
French, Louis Adrian	A. B.	Akron
Gresham, Norman Curtis	A. B.	Akron
Hackett, Paul James	A. B.	Akron
Harris, Robert Foote	A. B.	Akron
*Hinton, James Melbourne	A. B.	Akron
Hoffman, Mildred A.	A. B.	Akron
Karam, Harvey A.	B. S.	Akron
Klahre, Ethel Susan	A. B.	Akron
Kondritzer, Albert	B. S.	Akron
Koons, Ruth Edna	B. S.	Greensburg
Leonard, Donald Edward	B. S.	Akron
Lewin, Charles	B. S.	Kenmore
Lind, Norville Merrell	B. S.	Akron
Litsinger, Thelma Phyllis	B. S.	Akron
Lutz, Wilford	A. B.	Akron
McLaney, Loudell	A. B.	Akron
Major, Floyd	A. B.	Akron
Meier, Helen Jane	A. B.	Akron
Moore, Fred	A. B.	Akron
Myers, Forrest Donald	A. B.	Akron
Nethers, Raymond	B. S.	Fazeysburg
Nicodemus, Alberta	A. B.	Akron
Otis, Marie L.	A. B.	Akron
Pittenger, William Joseph	B. S.	Akron
Pollard, Maude	A. B.	Akron
Porterfield, Oneita	A. B.	Akron
Reed, Margaret	A. B.	Akron
Rhodenbaugh, Charles	A. B.	Akron
Ross, Clyde Emory	A. B.	Barberton
Schumacher, Sherman O.	A. B.	East Akron
Shea, Eunice Josephine	A. B.	Akron
Sheinin, Louis	B. S.	Akron
Shreve, Dorothy Julia	A. B.	Akron
Smead, Elmer E.	A. B.	Akron
Smith, Mrs. Grace B.	A. B.	Akron
Snyder, Russell F.	B. S.	Williamsport, Pa
Spiker, Emma Catherine	A. B.	Akron
Sproull, Wayne Treber	B. S.	Akron
Stevens, Thomas Laing	A. B.	Akron
Stewart, W. Earl	B. S.	Cuyahoga Falls
Supowit, Ruth	A. B.	Akron
Terrass, Milford Edwin	A. B.	Akron
Theobald, Adrian Daniel	A. B.	Akron
Tobin, Katherine Ann	A. B.	Akron
Union, Julius George	A. B.	Akron
Wagstaff, Donald Andrew	B. S.	Akron
Wells, Winifred K.	A. B.	Akron
Wheeler, James Boyd	A. B.	Akron
Whittemore, Robert Clark	A. B.	Akron
Williams, Arthur Frost	A. B.	Columbus

Men 44; Women 26; Total 70.

*In absentia—Combination Arts-Law Course with Ohio State University.

REGISTER OF STUDENTS

JUNIOR CLASS

	Course	
Alexander, Reginald	A. B.	Akron
Allman, Lillian Mildred	A. B.	Akron
Alpeter, James	A. B.	Akron
Amer, Josephine	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
Berry, Louis A.	A. B.	Akron
Bishop, Donald G.	A. B.	Akron
Bowman, Laura Leone	A. B.	Akron
Brodts, Carl	B. S.	Akron
Brueggeman, Elmer C.	B. S.	Akron
Bryant, Samuel Hanks	A. B.	Akron
Burge, Gladys Ann	A. B.	Akron
Carney, Donald T.	A. B.	Akron
Cassidy, Edward J.	B. S.	Akron
Coe, Maurice William	A. B.	Catawba
Conner, Marian Helen	A. B.	Akron
Corbett, Evelyn Doris	A. B.	Akron
Corice, Elma Leona	A. B.	Akron
Davis, Frederick W.	A. B.	Akron
Diehm, Whitney Ernst	B. S.	Akron
Dobkin, Arthur	B. S.	Akron
Dodge, Winifred	A. B.	Fairlawn
Dyson, Phyllis W.	A. B.	Akron
Everhard, Beulah I.	B. S.	Wadsworth
Evkovich, William	B. S.	Akron
Figenschel, Carl	B. S.	Akron
Fletcher, Paul E.	A. B.	Akron
Gilleland, Earl Roger	B. S.	Akron
Grim, Henry Earl	A. B.	Stryker
Hamlen, Dorothy A.	A. B.	Akron
Hare, Weston A.	B. S.	Akron
Harms, Mary	B. S.	Akron
Hays, Blaine	B. S.	Carlisle, Pa.
Horst, Harriet Eleanor	A. B.	Akron
Hudson, Marguerite A.	A. B.	Springfield
Jacobs, Paul E.	A. B.	Akron
Jenkins, Charles	A. B.	Akron
Johnson, Joseph	B. S.	Akron
Johnson, Lillbern Beidle	A. B.	Akron
Kauffman, Clifford W.	B. S.	Akron
Kaufhold, Donald Leigh	B. S.	Akron
Kirn, Walter Norris	A. B.	Akron
Leggett, Mortimer Knowlson	A. B.	Kent
Leonard, Dean Russell	A. B.	Akron
Little, Marian Arlene	A. B.	Akron
Lyon, Virginia Jessie	A. B.	Akron
McCown, Mary Ella	A. B.	Akron
McPeake, Ruth K.	A. B.	Akron
Manelik, Mary Harriet	A. B.	Akron
Marquis, Ada M.	A. B.	Akron
Mell, Dorothy	A. B.	Akron
Metzger, Mary Eleanor	A. B.	East Akron
Midkiff, Ernest Hurston	A. B.	Huntington, W. Va.

Milar, Elizabeth Croninger	A. B.	Akron
Miller, Leslie S.	A. B.	Akron
Minium, Charles	B. S.	Barberton
Mitchell, Thelma	A. B.	Akron
Morganstern, Louis	B. S.	Akron
Mosher, Esther Naomi	A. B.	Akron
Nichols, Robert Clarence	B. S.	Akron
Olin, Norma Ruth	A. B.	Akron
Parker, Harold Dean	A. B.	Akron
Pittenger, James	B. S.	Akron
Plant, Leland H.	A. B.	Akron
Plotkin, Louise	A. B.	Akron
Robertson, Lowell	B. S.	Akron
Safreed, Clair O.	A. B.	Akron
Schiller, Mareta Grace	A. B.	Akron
Shaffer, Marie Beulah	A. B.	Akron
Shondel, Stanley	B. S.	Clinton
Smith, Norman	A. B.	Akron
Stanford, Dorthea	A. B.	Akron
Stillman, Georgia Gertrude	A. B.	Akron
Sullivan, John P.	A. B.	Akron
Taylor, Jerome	A. B.	Akron
Theiss, Dale C.	A. B.	Akron
Tsaloff, Nicholas M.	B. S.	Akron
Wainer, Eugene	B. S.	Akron
Wetzel, Elizabeth	A. B.	Akron
Williams, Ralph Charles	A. B.	Akron
Winans, Charles Francis	B. S.	Akron
Winget, Howard Ernest	B. S.	Freeport
Witwer, Frederick Charles	A. B.	Akron
Witzberger, Clarence Michael	B. S.	Akron
Witzeman, B. Evangeline	A. B.	Akron
Zepp, Florence Elizabeth	A. B.	Massillon
Zimmerman, Paul H.	B. S.	Akron

Men 55; Women 36; Total 91.

SOPHOMORE CLASS

	Course	
Amer, Francis J.	A. B.	Akron
Apel, Sara	A. B.	Akron
Baltz, Robert Ernest	B. S.	Kenmore
Behling, Grace A.	B. S.	Akron
Bishop, Lillias Laurina	B. S.	Akron
Bliss, Raymond	A. B.	Akron
Boblett, William Blair	A. B.	Akron
Brown, Raymond Ramsey	B. S.	Akron
Caplan, Lozeer	A. B.	Akron
Carey, Lucille V.	A. B.	Akron
Carney, John Alfred	A. B.	Akron
Cassidy, Harold G.	B. S.	Akron
Chittenden, Paul John	A. B.	Akron
Cochran, Harold	A. B.	Akron
Cole, Frederic Lawson	A. B.	South Bend, Ind.
Corns, Richard William	A. B.	Akron
Coulter, Panola	A. B.	Akron
Crawford, Helen	A. B.	Akron
Croft, Nellie E.	A. B.	Akron
Croysdale, Arthur	A. B.	Akron
Darst, Byron H.	A. B.	Akron

REGISTER OF STUDENTS

Davies, Haydn Maxwell	A. B.	Akron
Dettling, Frank E.	B. S.	Akron
DeYoung, Catherine Myra	A. B.	Akron
Dietrich, Philip Joseph	A. B.	Akron
Eaken, William	B. S.	Akron
Ellis, George Sheldon	A. B.	Akron
Feldstein, Louis William	A. B.	Akron
Finney, Addis H.	B. S.	Akron
Firestone, Arden Edson	A. B.	Akron
Fitzharris, Cletus James	B. S.	Akron
Flower, Walter Deane	A. B.	Akron
Fornecker, Frank O.	A. B.	Akron
Foutts, James C.	A. B.	Akron
Fuller, Belle	B. S.	Akron
Garrett, C. Jeanne	A. B.	Akron
Gaskill, Harold Edward	A. B.	Akron
German, Albert	B. S.	Cuyahoga Falls
Getz, Martha Louise	A. B.	Kent
Gilleland, Joseph Ellsworth	B. S.	Akron
Goodenberger, Harry Thomas	A. B.	Akron
Halter, Florence Emma	A. B.	Akron
Hamlin, Margaret Jane	A. B.	Akron
Hartline, Chester	A. B.	Akron
Helwig, Corinne C.	A. B.	Akron
Henry, Frew Draper	B. S.	Akron
Herman, Edward Foster	A. B.	Akron
Hollingsworth, Frances Mary	A. B.	Akron
Hutchison, Wallace I.	A. B.	Akron
Jenkins, Merle Raymond	A. B.	Akron
Johnson, Ruth E.	A. B.	Akron
Johnstone, Kermit Thomas	B. S.	Akron
Keirn, Ralph Arthur	B. S.	Akron
Kinnan, Esther Ruth	A. B.	Akron
Knoske, Virginia	A. B.	Cuyahoga Falls
Kodish, Samuel	A. B.	Akron
Koegel, Louise	A. B.	Akron
Koontz, Willard B.	A. B.	Akron
Kottke, Herman E.	A. B.	Akron
Krohngold, Cyril	A. B.	Akron
Krutky, Theodore	B. S.	Akron
Kushkin, Milton Mitchell	A. B.	Akron
Leonard, Sherrill E.	A. B.	Akron
Libis, Robert L.	B. S.	Akron
Luke, Wade Devere	B. S.	Akron
McCord, Helen Christine	A. B.	Akron
McDonald, Beatrice Adelaide	A. B.	Akron
McFarland, George Max	A. B.	Akron
McGrath, Frances Aline	B. S.	Akron
McNamee, Raymond Wilson	B. S.	Akron
Mahoney, John	A. B.	Akron
Marting, Harrison B.	A. B.	Akron
Miller, Dorothea Faye	A. B.	Akron
Miller, William Henry	A. B.	Akron
Murphy, Arthur J.	A. B.	Gladstone, Mich.
Nasrallah, Arthur R.	B. S.	Akron
Neutzenholzer, Margaret	A. B.	Akron
Oplinger, George W.	B. S.	Akron
Paul, Edward Alfred	A. B.	Akron

Peet, Marian R.	B. S.	Akron
Pesarick, Jack T.	B. S.	Akron
Pfaff, Alice Katherine	B. S.	Akron
Plappert, Edward	B. S.	Akron
Pliskin, Reubin	B. S.	Akron
Pogany, Anne Marie	A. B.	Akron
Read, Ralph Delphus	A. B.	Akron
Reining, Henry, Jr.	A. B.	Akron
Renfrow, James Franklin	B. S.	Akron
Rice, Russell Turner	A. B.	Akron
Richards, Randolph F.	B. S.	Akron
Romweber, Robert	A. B.	Akron
Royer, George Lewis	B. S.	Akron
Ruttman, Walter D.	A. B.	Akron
Satow, Ivan Christian	A. B.	Akron
Schwartz, Gerald Theodore	B. S.	Akron
Shuman, Elliott Heron	A. B.	Akron
Stall, Margaret	A. B.	Akron
Stump, Elizabeth B.	A. B.	Akron
Thomas, Daniel	B. S.	Barberton
Thompson, Mildred Bessie	B. S.	Cuyahoga Falls
Trainer, Mary Grace	A. B.	Akron
Traul, Donald	B. S.	Akron
Tripp, Charles David	B. S.	Barberton
Vance, John Warren	A. B.	Akron
Wassmer, Elsie Alice	B. S.	Akron
Weizenecker, Emmet Harry	A. B.	Beloit
Wetzel, Ralph Earl	B. S.	Akron
Williams, Mathew Quay	B. S.	Philipsburg, Pa.
Wilcox, Richard Parker	B. S.	Mogadore
Wilson, Daisy Doris	A. B.	Akron
Winer, Joseph	A. B.	Kenmore
Wolfe, David	A. B.	Akron
Zettle, Ethel Harriet	A. B.	Akron

Men 78; Women 35; Total 113.

FRESHMAN CLASS

Alexander, Joseph Woodmansee	.....	Akron	Brooker, Harriet Elisabeth	.....	Akron
Alexander, William Robert	.....	Akron	Brown, Robert J.	.....	Akron
Allaman, Loudora Mae	.....	Akron	Casserly, Jane Sloan	.....	Akron
Arnette, Rexford R.	.....	Mogadore	Clegg, Irene Mabel	.....	.....
Arnold, Albert A.	.....	Akron	.....	.....	N. Adams, Mass.
Aspell, Rosalie	.....	Akron	Conley, Dorothy Louise	.....	Akron
Baker, Lawrence Maywood	.....	Akron	Connelly, B. Franklin, Jr.	.....	Akron
Bandel, Samuel J.	.....	Akron	Cook, Duane C.	.....	Akron
Barrackman, Lulu Merle	.....	Akron	Cooper, Graydon Phillips	.....	Akron
Batchelder, Willet	.....	Harrisburg, Ill.	Corman, Irvin Stanley	.....	Akron
Baughman, Lavonda	.....	Canal Fulton	Cornmesser, Donald Earl	.....	Akron
Berloff, Morris	.....	Akron	Cross, Donald Scott	.....	Akron
Bishop, Ruth Emily	.....	Akron	Daily, Robert M.	.....	Akron
Bitcon, Leroy	.....	Barberton	Daitch, Jack Harry	.....	Akron
Blumenstein, Karl	.....	Akron	Davidson, William Theodore	.....	Akron
Boggs, Hula Paul	.....	Reedy, W. Va.	Deeds, Ethel	.....	Cuyahoga Falls
Bowen, Bertha Gertrude	.....	Akron	Dittmore, James, Jr.	.....	Akron
Boyd, Beatrice Pearl	.....	Akron	Doughton, Richard, Jr.	.....	Akron
Brenner, Elma M.	.....	Cuyahoga Falls	Feudner, Marian Grace	.....	Akron
			Fink, Charles David	.....	Akron

Schroy, Wilda	Akron	Tucker, William Morris	Akron
Sellers, David	Akron	Ufford, Charles William	Akron
Shibley, Grant O.	Akron	Wade, Donald Charles	Akron
Shugert, Charles Truax		Wainer, Elliot	Akron
.....Morrisdale, Pa.		Walker, Sidney	Akron
Siegrist, Ward Francis	Akron	Waller, Florence Josephine.....	Akron
Smith, Mike	Akron	Waller, Gerald C.	Burlington, Vt.
Smith, Thomas W.	Akron	Warner, Eugene Calvin	Akron
Sneed, John B.	Akron	Weiler, William David	Akron
Snyder, Anne	Akron	Wells, Kenneth Dale	Akron
Stahl, Elizabeth Eleanor	Akron	Wenk, Russell Walter	Akron
Stevenson, Harold R.	Akron	Werner, Marshall	Akron
Stover, Ellsworth Elmer.....	Kenmore	Whiteman, Frank	Akron
Sturdevant, Martha	Akron	Wiseman, Charles	Akron
Suloff, Frances Elizabeth	Akron	Witwer, Clark Irwin	Akron
Terpenning, Mary Jane		Wohlwend, Robert Martin	Akron
.....Albany, N. Y.		Wright, Walter Raymond	Akron
Thompson, Rufus	Akron	Young, Edwin A.	Akron
Tishkoff, Marvin M.	Cleveland	Young, James Edgar.....	Logan, Ala.
Todd, Leslie E.	Akron	Zissen, Allen Joseph	Akron
Tomlinson, Scott	Akron	Zook, Burtron	Akron
Tregler, Katherine Shirley			
.....Esperance, N. Y.			

Men 131; Women 57; Total 188

IRREGULAR STUDENTS

Bandy, Charles C.	Akron	Irvin, George A.	Akron
Blackburn, Norris Dwight		Jenks, Maurice Robert	
.....Coal Run		.....Silverwood, Inc	
Bliin, Ethel Mack	Akron	Kellogg, George Edward	
Bradley, Noah O.....	Sparta, Tenn.	.....Pittsburgh, Pa	
Brown, Roy Edward	Barberton	Kennedy, Kenneth James	Akron
Bueggeman, Walter M.	Akron	Lowery, Matilde	Akron
Buckingham, Hesper M.	Akron	Maloney, Robert J.	Akron
Butcher, Clarence L.		Mayer, George O.	Akron
.....Plummer's Landing, Ky.		Pease, Ruth Marian	Akron
Chamberlin, Mary Windsor.....	Akron	Schrader, Lester L.	Fremont
Chase, Mrs. Grace S.	Akron	Sheets, James Lewis.....	Pliny, W. Va.
Eastman, Eric	Akron	Shulansky, Joseph	Akron
Ferbstein, Bessie Epstein	Akron	Stiles, Charles	Akron
Gaube, Walter R.	Cleveland	Strehlan, Lois	Akron
Haaf, Edward C.	Everett	Waller, Hallie	Akron
Hamon, Gordon F.	Akron	White, Charles Byron	Akron
Hayden, Edward L.	Mogadore	White, Thomas G.	Akron
Hughes, Paul	Akron	Vassel, Michael	Akron
Irish, Mrs. Pauline H.	Barberton	Waters, Harold	Akron

Men 26; Women 10; Total 36

SPECIAL STUDENTS

Auble, Louise M.	Akron	Kilborn, Mary L.	Akron
Bailey, Kermit	Akron	Neidert, John, Jr.	Akron
Bond, Robert K.	Akron	Vandevort, Edwin Joseph	
Carter, Mrs. L. D.	Akron	.....Renick, W. Va.	
Hill, Stella A.	Akron	Weis, Mrs. Rose B.	Akron

Men 4; Women 5; Total 9.

COLLEGE OF ENGINEERING AND COMMERCE

DEPARTMENT OF ENGINEERING

C. E.—Civil Engineering
 E. E.—Electrical Engineering
 M. E.—Mechanical Engineering

SENIOR CLASS

Course

Allen, Dave B.	M. E.	Akron
Arter, John B.	C. E.	Piedmont
Battels, Clare W.	M. E.	Akron
Brown, Ralph John	M. E.	Akron
Burgan, Kenneth E.	E. E.	Cuyahoga Falls
Damon, Donald	C. E.	Gerry, N. Y.
Funk, James W.	C. E.	Akron
Greenwald, Ralph R.	E. E.	Akron
Guillod, William Oscar	C. E.	Akron
Luff, Wayne W.	C. E.	Kent
Rockwell, Theodore F.	M. E.	Akron
Sauter, Thomas H.	C. E.	Williamsport, Pa.
Schmucker, Leroy L.	C. E.	Stryker
Shaffer, Lee J.	E. E.	Akron
Starr, Troy S.	E. E.	Gerry, N. Y.
Tryon, Ralph C.	E. E.	Akron
Whiteman, Henry H.	M. E.	Akron
Worthen, Samuel Keith	E. E.	Barberton
		Total, 18 Men.

JUNIOR CLASS

Course

Albertson, Donald S.	C. E.	Cuyahoga Falls
Baker, Paul Kenneth	E. E.	Akron
Barbura, John	E. E.	Akron
Gurin, Edward I.	M. E.	Akron
Harter, Raymond A.	C. E.	Akron
Hoopes, Frederick W.	E. E.	Akron
McCluer, Henry O.	M. E.	Akron
McCracken, Robert W.	E. E.	Cuyahoga Falls
Miller, Vernon C.	C. E.	Orrville
Schafer, Joseph E.	E. E.	Akron
Wagner, John F.	C. E.	Akron
Wingarter, Ralph A.	C. E.	Akron
		Total, 12 Men.

PRE-JUNIOR CLASS

	Course	
Ballinger, Victor H.	E. E.	Akron
Bender, John E.	C. E.	Canton
Blount, Kenneth M.	C. E.	Akron
Burkholder, Glenn E.	E. E.	Smithville
Carter, Corwin H.	E. E.	Everett
Gilbert, Ben	C. E.	Akron
Hamlen, Earl K.	M. E.	Akron
Heinke, H. Carleton	C. E.	Coshocton
Hodson, Clinton A.	M. E.	Akron
Hooley, Kenneth R.	C. E.	Wooster
Hostetler, Victor H.	M. E.	Amherst
Kopf, Willard E.	C. E.	Akron
Marriott, Leonard A.	M. E.	Akron
Mills, Donald William	C. E.	Akron
Newhall, Clifton M.	C. E.	Akron
Payn, Wallace S.	M. E.	Peninsula
Rang, Lester T.	E. E.	Akron
Shook, Melvin L.	E. E.	Akron
Suloff, Paul D.	M. E.	Akron
Taylor, Lloyd A.	C. E.	Akron
Tomb, Hamilton H.	C. E.	Clinton
Viall, Carl S.	C. E.	Akron
Willett, Robert B.	M. E.	Akron

Total, 23 Men.

SOPHOMORE CLASS

	Course	
Ash, Fred J.	E. E.	Akron
Barnholth, Claude R.	E. E.	Akron
Bedell, Harold H.	C. E.	Homeworth
Benedict, Henry M.	C. E.	Medina
Benseler, William	E. E.	Akron
Bierman, Philip W.	E. E.	Akron
Broxon, Robert E.	M. E.	Akron
Buffington, Gerald E.	E. E.	Akron
Christman, Kermit O.	E. E.	Cuyahoga Falls
Dietz, Frederick C.	C. E.	Akron
Eckroad, Frank E.	E. E.	Akron
Faur, Emil T.	E. E.	Akron
Hanna, Elmer E.	E. E.	Akron
Hanson, Earl	E. E.	Akron
Haynes, Alden J.	M. E.	Barberton
Hilbish, Harold E.	M. E.	Akron
Hite, Glenn O.	E. E.	Akron
Hoffman, Wilbur	E. E.	Akron
Huff, William Boyd	C. E.	Akron
Jemison, Andrew	C. E.	Akron
Lister, Nelson E.	M. E.	Canton
Matz, Claude A.	M. E.	Akron
Medvedeff, Nicholas S.	E. E.	Akron
Miletti, Louis F.	E. E.	Akron
Miller, Lawrence E.	C. E.	Akron
Oldham, Albert H.	E. E.	Akron
Pracejus, Herbert F.	M. E.	Bedford
Robishaw, Wallace	C. E.	Bedford
Schacht, John C.	E. E.	Amherst

REGISTER OF STUDENTS

Serfass, Charles R.	C. E.	Akron
Sheedlo, Wilford L.	E. E.	Escanaba, Mich.
Sisler, Harlin G.	M. E.	Akron
Smith, Theodore E.	M. E.	Akron
Snyder, Millard S.	M. E.	Akron
Statuta, Joseph M.	E. E.	Cleveland
Swain, Harold	E. E.	Barberton
Talisman, Volco	C. E.	Russia
Templeton, Charles R.	M. E.	Akron
Tinley, Charles D.	E. E.	Edinboro, Pa.
Waite, Gordon E.	C. E.	Akron
Wilson, Wendall	E. E.	Kenmore
Woodward, William B.	E. E.	Kenmore

Total, 42 Men.

FRESHMAN CLASS

	Course	
Allen, James B.	M. E.	Akron
Atkinson, Edgar R.	M. E.	Akron
Auten, Delbert E.	M. E.	Akron
Averill, Max W.	E. E.	Akron
Bair, Lawrence V.	E. E.	Medina
Barnes, Francis E.	M. E.	Tallmadge
Baughman, Grant L.	E. E.	Akron
Beazell, James M.	M. E.	Kent
Benner, Kenneth H.	M. E.	Tuscarawas
Bernell, William	M. E.	Akron
Blazer, Harold B.	E. E.	Carrollton
Brennon, Louis J.	E. E.	Akron
Brewster, Wayne T.	E. E.	Akron
Buckley, John H.	M. E.	Akron
Buckmaster, Charles W.	E. E.	East Akron
Campbell, Ralph	C. E.	Metz, W. Va.
Chenot, John R.	E. E.	Akron
Christoff, Elia	E. E.	Constantinople, Turkey
Claypoole, Clinton	E. E.	Adrian, Pa.
Cochrane, Kenneth	E. E.	Akron
Crites, James A.	C. E.	Akron
Culver, Glen B.	C. E.	Akron
Curnow, Harry T.	C. E.	Akron
Deer, Martin	E. E.	Akron
Dice, William M.	M. E.	Akron
Dickinson, Neil K.	E. E.	Medina
Durant, Arthur H.	E. E.	Akron
Everhart, Lester P.	C. E.	Lexington, N. C.
Fall, Amos William	M. E.	Port Clinton
Flener, Paul E.	M. E.	Akron
Frampton, Theodore R.	E. E.	Akron
Friskey, James E.	E. E.	Akron
Glass, Ivan W.	E. E.	Flinton, Pa.
Gugoff, Kristio P.	C. E.	Bulgaria
Gunesch, Rudolph	M. E.	Salem
Harris, Jesse A.	C. E.	Moundsville, W. Va.
Hayes, Leroy	E. E.	Edinboro, Pa.
Herr, Wilson	C. E.	Akron
Hershey, John H.	E. E.	Akron
Heydorn, Fred	E. E.	Akron
Hodder, William	M. E.	Akron
Hoffman, Thelma	E. E.	Akron

Honeywell, Alba M.	M. E.	Milford, Ill.
Huber, Henry A.	E. E.	Akron
Hunn, Robert	E. E.	Sleepy Eye, Minn.
Hunt, Allison O.	M. E.	Wooster
Knepper, Robert	C. E.	Kinsman
Kochel, Robert K.	M. E.	Orrville
Koehler, Henry	E. E.	Akron
Kraft, Theodore A.	E. E.	Akron
Krause, Floyd C.	M. E.	Akron
Krenrick, Harold	E. E.	Akron
Krill, Albert J.	M. E.	Akron
Lambert, Edward S.	E. E.	Akron
Landphair, Harold	M. E.	Painesville
Levy, Isadore	E. E.	Akron
Lindholm, Jalmer J.	C. E.	Dorset
MacClellan, Malcolm	M. E.	Akron
McDade, Walter R.	E. E.	Akron
McGuire, Louis	C. E.	Akron
Major, Robert L.	M. E.	Akron
Manson, Finley J.	M. E.	Akron
Martin, Earl H.	C. E.	Warren
Martin, Harold	C. E.	Akron
Martin, Sylvan	C. E.	Akron
Martin, Walter F.	M. E.	Tallmadge
Moon, David W.	E. E.	Lineville, Ala.
Moore, James R.	C. E.	Kent
Mueller, Elliott S.	M. E.	Akron
Murphy, George	C. E.	Akron
Naido, Joseph J.	E. E.	Akron
Neff, Louis T.	M. E.	Akron
Nye, Benjamin E.	M. E.	Sharon, Pa.
Olivo, Dominic A.	E. E.	Akron
Peterson, Walter	M. E.	Akron
Piromm, George L.	E. E.	Akron
Poole, H. James	E. E.	Akron
Prather, Clifford P.	M. E.	Hickory, N. C.
Ransom, Jay W.	E. E.	Bryan
Reisicsar, Karl	E. E.	Akron
Reynolds, Wade W.	C. E.	Elyria
Richardson, John	E. E.	Corry, Pa.
Rogers, Donald	E. E.	Akron
Routson, LeRoy O.	M. E.	Akron
Salner, Edward	M. E.	Akron
Saul, Maurice	M. E.	Tiffin
Sawdy, Gordon F.	M. E.	Andover
Schafer, Gerald V.	E. E.	Akron
Scharenberg, Elmer M.	C. E.	Everett
Scheible, John D.	M. E.	Auburndale, Fla.
Schroeder, Ben G.	E. E.	Akron
Schroeder, Harold	E. E.	Freelandville
Schutz, Emil	E. E.	Akron
Seifried, Anton G.	E. E.	Kenmore
Shively, Harmon G.	E. E.	Akron
Shook, Harold J.	C. E.	Kenmore
Smeal, Maldine W.	C. E.	Akron
Somogy, Chris	C. E.	Sharon Center
Spicer, Alvin W.	M. E.	Akron
Springston, Clifford D.	E. E.	Akron

REGISTER OF STUDENTS

Stanley, Vernon	M. E.	Barberton
Stone, Kent B.	M. E.	Willard
Strole, Archie	E. E.	Akron
Suloff, Karl	M. E.	Akron
Suttkus, Henry	M. E.	Orrville
Symns, Samuel Y.	C. E.	Peterstown, W. Va.
Thomas, Harold	E. E.	Akron
Thomas, Moore Alfred	E. E.	Akron
Thornton, Celen F.	C. E.	Tallmadge
Treat, Donald O.	M. E.	Tallmadge
Ulrich, Louis C.	E. E.	Akron
Viall, Robert A.	E. E.	Akron
Walker, Charles E.	M. E.	Cleveland
Walters, Ellsworth C.	M. E.	Tallmadge
Wells, Charles H.	E. E.	Wesleyville, Pa.
White, Clarence E.	E. E.	Lakewood, N. Y.
Williams, Merle J.	E. E.	Akron
Williams, Paul	C. E.	Akron
Wolfe, Raymond	M. E.	Akron
Woodford, Charles C.	C. E.	Akron
Woodrow, Ernest J.	C. E.	Washington, D. C.

Men 120; Women 1; Total 121.

SPECIAL STUDENTS

Arthur, Boyd	M. E.	Akron
Brenfleck, Elmer P.	E. E.	Akron
Bucher, Kenneth B.	E. E.	Youngstown
Chain, William H.	E. E.	Limaville
Delagrance, Carl R.	E. E.	Barberton
Dow, Stewart	M. E.	Akron
Dyke, Minor B.	E. E.	West Bangor, N. Y.
Hartman, Edward R.	E. E.	Barberton
Hine, Leland W.	C. E.	Tallmadge
Myers, Russell	M. E.	Akron
Nye, Norman H.	M. E.	Akron

Total, 11 Men.

DEPARTMENT OF COMMERCE AND ADMINISTRATION

GRADUATE STUDENT

Koons, Harold E.	Akron
A. B., Northwestern College	

SENIOR CLASS

Dasch, Richard E.	Akron	Russell, Mildred	Akron
Dorn, Ruth M.	Akron	Schoch, Joe	Akron
Miller, Harold L.		Triplett, Earl	Akron
	Cleveland Heights	Mote, Herbert G.	Arcanum

Men 5; Women 2; Total 7.

JUNIOR CLASS

Benn, Paul	Akron	Wilson, Howard M.	Valencia, Pa.
Lodge, W. Ellsworth	Cuya. Falls	Zahniser, Russell M.	Akron

Men 4.

PRE-JUNIOR CLASS

Bock, Fred C. ....Akron	Rehak, Mildred .....Akron
Costello, Kathryn .....Akron	Roeger, Dorothy E. ....Akron
Godlesky, Vincent W. ....Athol, Mass.	Vinez, Karl .....Akron
Lodge, Edward E. ....Cuya. Falls	Zuelsdorf, Ellwood M. ....Akron

Men 5; Women 3; Total 8.

SOPHOMORE CLASS

Chapin, Maurine .....Akron	Place, Frederick A. ....Akron
Conner, Edwin K. ....Akron	Resseger, Bernard P. ....Akron
Cox, W. Herschel .....Cuya. Falls	Rose, William .....Akron
Crum, Allen S. ....Akron	Russell, C. Willard .....Akron
Decker, Robert M. ....Ostrander	Sauvain, Fern .....Apple Creek
Forbes, Samuel J. ....Akron	Schell, Burton W. ....Akron
Fulton, Charles E. ....Akron	Schlemmer, Robert M. ....Akron
Hammond, Merle L. ....Akron	Singer, Maurice H. ....Akron
Helmick, Leonard M. ....Barberton	Sturmi, Francis E. ....Akron
Kerr, Ray W. ....Akron	Sturmi, Robert E. ....Akron
Lasher, George F. ....Akron	Van Hying, Robert .....Akron
McCullum, Wilfred D. ....Akron	Van Kirk, Budd .....Akron
Morris, Wesley O. ....Kenmore	Weatherwax, Percy C. ....Barberton
Nelson, Harold C. ....Akron	Wiseman, George .....Akron
Olden, Morris H. ....Akron	

Men 26; Women 2; Total 28.

FRESHMAN CLASS

Adams, James F. ....Akron	Herrick, Earl V. ....Akron
Adams, Roger F. ....Akron	James, Marie A. ....Akron
Anthony, Stanley L. ....Akron	Jenkins, Leonard Clyde .....Akron
Benson, George .....Akron	Jones, Paul .....Akron
Bevington, Royal W. ....Akron	Leitz, Martha P. ....Akron
Black, Eugene P. ....Akron	Lininger, Dale C. ....Celina
Booth, Richard F., Jr. ....Akron	Little, William O. ....Akron
Brocies, Max .....Indianapolis, Ind.	McCallops, David A. ....Akron
Brown, Ervin J. ....Akron	McKim, Vaughn William .....Akron
Clark, George M. ....Williamsport, Pa.	.....East Liverpool
Close, Alice J. ....Akron	McRee, William .....Albany, Ala.
Corbin, Ralph .....Switz City, Ind.	Markel, A. Gerald .....Akron
Costello, Mary .....Akron	Meadows, Roger M. ....Akron
Cox, Orval E. ....Escanaba, Mich.	Meadows, Rufus .....Akron
Cree, Charles .....Akron	Miller, William W. ....Akron
Crum, James C. ....Akron	Morris, Donald R. ....Akron
Davis, Emerson J. ....Akron	Murphy, Paul .....Cuyahoga Falls
Dietrick, Camillus P. ....Patton, Pa.	Myers, Donald H. ....Akron
Donley, Philip ....Cleveland Heights	Neil, James C. ....Youngstown
Drach, A. Claire .....Akron	Nist, Donald T. ....Akron
Edwards, Leslie .....Barberton	Olson, Walter O. ....Akron
Ensign, Hadley N. ....Akron	Paulus, Francis J. ....Akron
Fain, Ellis W. ....Everett	Pfromm, Bernadyne M. ....Akron
Fasoldt, Milton L. ....Troy, N. Y.	Read, Fayette E., Jr. ....Akron
Fink, Sam .....Akron	Ream, Frank E. ....Akron
Foutts, Harold C. ....Akron	Rine, Arthur H. ....Akron
Gilbride, Edward J. ....Akron	Ritchie, William H. ....Oak Hill, Fla.
Gordon, Jacob .....Akron	Rivitz, Harold .....Akron
Griesmer, George A. ....Wadsworth	Rodgers, Howard E. ....Akron
Griesmer, Joe .....Wadsworth	
Harding, Clarence G. ....Kenmore	

REGISTER OF STUDENTS

Rogers, David C. ....Bucyrus	Templeton, W. Paul .....Akron
Shakespeare, Castle V.	Thatch, John .....Akron
.....Monroe Falls	Thompson, C. Porter .....Akron
Short, Randolph J. ....Akron	Thompson, R. Denman .....Akron
Smith, Harry L. ....Akron	Tidyman, Jack D. ....Akron
Stallings, Michael G. ....Akron	Wagstaff, Kenneth A. ....Akron
Stephenson, Louis F. ....Akron	Wise, Clarence .....Uniontown
Suitt, Sam R. ....Durham, N. C.	Wisok, Nathan M. ....Akron
Sullivan, George W. ....Akron	Wuchter, Edwin H. ....Akron
Sullivan, Melvin L. ....Akron	Zahniser, Robert E. ....Akron
Talcott, Donald .....Akron	Zuch, Albert M. ....Negley

Men 75; Women 5; Total 80.

IRREGULAR STUDENTS

Kepler, Donald A. ....Akron	Riddle, Eleanor .....Ravenna
Mackey, Thomas .....Akron	Men 2; Women 1; Total 3.

SPECIAL STUDENTS

Birch, Harry A. ....Akron	McWilliams, C. F. ....Plainville, Ind.
Bowser, Crede C. ....Parsons, Kans.	McAuliffe, Mary .....Akron
Hlas, John .....Barberton	Mastergulie, Jayn C. ....Akron
Johnson, Clarence....Marshall, Minn.	Men 5; Women 2; Total 7.

SECRETARIAL COURSE

FRESHMAN CLASS

Cole, Harriet .....Akron	Pamer, George .....Copley
Dysle, Barbara .....Akron	Sapp, Dora .....Akron
Frederick, Virginia .....Akron	Schlemmer, Josephine ....Kenmore
Heberlein, Charlotte..Helena, Mont.	Schultz, Edith A. ....Akron
Lewis, Emma E. ....Akron	Men 1; Women 8; Total 9.

CURTIS SCHOOL OF HOME ECONOMICS

SENIOR CLASS

Baughman, Mildred Frances..Akron	Hindman, Mabel .....Akron
Blake, Grace Converse....Kenmore	Swan, Frances Elizabeth.....Akron
Hedlund, Margaret Karine...Akron	Total, 5 Women.

JUNIOR CLASS

Burr, Irma .....Akron	Martin, Nelda Elizabeth .....Akron
Cross, Winifred Lona .....Akron	Wilhelm, Grace J. ....Akron
Hunsicker, Sarah Alberta ....Akron	Total, 5 Women.

SOPHOMORE CLASS

Brewster, Charlotte .....Akron	Scobie, Emma .....Akron
Frank, Helen .....Fairlawn	Leckrone, Edna Faithe .....Ravenna
Gravesmill, Margaret .....Akron	Kirn, Julia Anne .....West Richfield
Hahn, Catherine Louise .....Akron	Weaver, Josephine Crocker .....Akron
	Total, 8 Women.

FRESHMAN CLASS

Hay, Janet Elizabeth .....Akron	Porter, Myrtle Naomi .....Akron
Ingersoll, Elizabeth .....Akron	Read, Janet .....Akron
Milford, Ruth Marie .....Akron	Thompson, Juella .....Akron
Peck, Hazel .....Kent	Witwer, Lois Geraldine .....Akron
	Total, 8 Women.

IRREGULAR STUDENT

Lansinger, Inga Thelma	Akron
	Total, 1 Woman.

THE TEACHERS COLLEGE
GRADUATE STUDENTS

Andrus, Kathryn Mary	Akron
B. S., Columbia University	
Burge, Dorothy	Akron
A. B., University of Akron	
Durr, Harriet Boewig	Akron
B. S., University of Pennsylvania	
Eastman, Frances Alfreda	Akron
A. B., University of Akron	
Gerber, Albert J.	Akron
Ph. B., College of Wooster	
Hassenflue, Dorothy	Akron
A. B., Lake Erie College	
Holloway, Leroy P.	Akron
M. E., University of W. Va.	
Hunsicker, Edna	Akron
B. S. in Home Economics, University of Akron	
Joel, William Arthur	Akron
A. B., Hiram College	
Kincaid, Mrs. Pansy S.	Kenova, W. Va.
A. B., George Washington University	
Kuhnes, Daisy Melvin	Akron
B. E., University of Akron	
Lebold, Vivian	Akron
A. B., University of Akron	
Marek, Mildred Beall	Akron
A. B., University of Texas	
Minner, Leah	Akron
B. S. in Home Economics, University of Akron	
Minter, Irene	Akron
A. B., University of Akron	
Reichenstein, Selma B.	Akron
A. B., University of Akron	
Reid, Edith M.	Akron
B. S., Columbia University	
Snyder, Nelson Smith	Canton
A. B., Mount Union College	
Spanton, Margaret Anne	Akron
A. B., University of Akron	
Whigam, Madge Mary	Akron
A. B., University of Akron	
Yeo, Burgett Everett	Ravenna
B. S. in Educ., Kent State Normal College	

Men 5; Women 16; Total 21.

SENIOR CLASS

Adams, Virginia	Akron	Master, Lucile E.	Akron
Beckwith, Katherine Virginia.....	Akron	Medvin, Jeannette G.	Akron
Blackburn, Helen	Akron	Mendelson, Jeanette Clara	Akron
Briggs, Pearl	Akron	Milford, Grace Arline	Akron
Carson, Gertrude Snow	Akron	Minnick, Marguerite.....	Cuyahoga Falls
Chenot, Helen E.	Akron	Moore, Elnora	Akron
Conway, Ruth	Akron	Pritchard, Estherbell	Akron
Cooper, Lois Genevieve	Akron	Reece, Jane	Akron
Crano, Rose Martha	Akron	Roberts, Pauline	Akron
Daily, Roy Thomas	Greentown	Seiler, Francis B.	Akron
Edwards, Mayme	Akron	Short, Cheryl	Akron
Frase, Alice	Clinton	Smith, Jean P.	Akron
Fraser, Edith	Akron	Tapper, Rose	Akron
Hartwick, Dorris Fisher	Akron	Vrendenburg, Verena	Akron
Herman, Marguerite	Akron	Wagner, Ethel	Akron
Kaiser, Elizabeth	Akron	Wilson, Mary Ellen	Akron
Lind, Pauline	Akron	Wolfe, Lillian	Akron
Lybarger, Eleanor Grace	Akron		

Men 3; Women 32; Total 35.

JUNIOR CLASS

Bailey, Catherine	Akron	Lambert, Thelma Marie	Akron
Barber, Dorothea.....	Silver Lake Village	Lebold, Ellen	Akron
Barber, Emma Fern	Akron	Lieberman, Bessie	Akron
Barber, Ethelyn May	Akron	Lipps, Walter Conrad	Akron
Baumgartner, Almeda	Akron	Long, Robert G.	R. D., Akron
Beck, Mary	Akron	McCormick, Enid Dean	Akron
Bendell, Helene Stella	Akron	McLaney, Sara Mae	Akron
Blumenstein, Rose	Akron	Maxwell, Iona Fay	Akron
Boylan, A. Lucile	Akron	Morrison, Marjorie	Martins Ferry
Brown, Sadie Donovan	Akron	Nye, Helen Houser	Akron
Chambers, Auten Randolph.....	Akron	Price, Ruth Wanda	Akron
Connell, Ruth Evelyn	Akron	Purdy, Pauline Harriet	Akron
Crankshaw, Ruth Ella	Akron	Randall, Lucetta Rebecca	Akron
Dettling, Elizabeth J.	Akron	Redinger, Catherine Jeannette.....	Akron
Freedman, Ann	Akron	Replogle, Ward B.	Archbold
Garn, Virginia	Kenmore	Richert, Paul U.	Akron
Gray, Isabel	Pekin, Ill.	Robinson, Gladys	Cuyahoga Falls
Hackett, Elizabeth Ellen	Akron	Royce, Marcia Eleanor	Akron
Harris, Freda Mae	Akron	Schlitt, Freda Elizabeth	Akron
Hein, Hildegard E.....	New Ulm, Minn.	Schrank, Edna Marie	Akron
Holman, Neva F.	Akron	Smith, Edward Leland	Akron
Holub, Miriam Audrey	Akron	Sullivan, Helen Janet	Akron
Hosfield, Henry Luther, Jr.....	Akron	Sullivan, William C.	Stryker
Housel, Mildred Ethel	Akron	Swanson, Helen E.	Akron
Huffman, Walter Lowell	Stryker	Thatcher, Katherine Mary	Akron
Hull, Alice Margaret	Akron	Wargo, Frank	Akron
Hurst, Robert Erskine.....	Virgilina, Va.	Wetzel, George	Akron
Kendall, Edith Rebecca	Jackson	Wine, Rose	Akron
Kline, William Spencer	Akron	Wright, Earl	Akron
Kuehne, Elsie Ellen.....	Des Moines, Ia.		

Men 14; Women 45; Total 59.

SOPHOMORE CLASS

Alpeter, Katherine Marie	Akron	Baus, Mary	Akron
Anderson, Linnea A.	Akron	Billow, Bernadine Mae	Akron
Barker, Russell	Akron	Bunnell, John H.	Akron
Baughman, Doris	Akron	Christenson, Inez	Akron

Cockrell, Helen Elisabeth	Akron
Dyer, Clarence R	Akron
Galloway, Marie Janet	Akron
Green, Sara Jeanette	Steubenville
Gross, Roy Edwin	Greentown
Hannah, Alice Frances	Akron
Harding, Elizabeth Jane	Akron
Hardy, Esther Ione	R. D., Akron
Harford, Margaret A.	Akron
Hayes, Merlin Lewis	Akron
Heib, Bonita Grace	Akron
Hoiles, Ann Kathryn	Cuya. Falls
Hopkins, Carl Lawrence	Akron
Huffman, Russell Raymond ..	Stryker
Irvin, Gladys Arbogast	Akron
James, Veryl Gladys	Kenmore
Jussell, George Judson	Akron
Klipstein, Edward Emil	Akron
Lattimore, Alyce Madeline ..	Akron
Lorenz, Hilda Mae	Canton
Ludlam, Eulalia	Akron
McShaffrey, Mary Elizabeth ..	Akron
Marks, Marie Marian	Akron
Mason, Ada	Grafton, W. Va.
Miller, Margaret Arlene	Akron
Miller, Ruth Irene	Akron
Moore, Nannie Washington .....	.....
.....	Middleport
Morse, Grace Marie	Akron
Myers, Edward C.	Akron
Myers, Ingrane Calvin	Kenmore
Olmsted, Grace	Akron
Parsons, Frances Elizabeth ..	Akron
Razor, Gladys	Barberton
Reining, Elizabeth	Akron
Reiter, Alma	Akron
Richards, Marie Louise	Akron
Ritch, Lucille A.	Akron
Rosenberg, Rose Rae	Akron
Ruch, Mary Emma	Akron
Sayre, Mildred Vivien	Akron
Shine, Helen C.	Olean, N. Y.
Somerfeldt, Myrtle	Akron
Stover, Josephine	Akron
Tisch, Loretta	Akron
Volk, Marie Agnes	Akron
Williams, Vivian Mary	Akron
Wright, Helen Edith	Akron

Men 11; Women 44; Total 55.

FRESHMAN CLASS

Ahern, Rose Louise	Akron
Allen, Gertrude Cecelia	Akron
Allen, Grace Victoria	Akron
Allen, Isabelle Frances	Akron
Armacost, Kathryn Gertrude ..	Akron
Auten, Josephine Elizabeth ..	Akron
Bachtel, Clayton	Akron
Bair, Leora Lena	Canton
Barber, Esther Clementine ..	Akron
Barder, Bessie Burnette	Akron
Barker, Carl Harvey	Akron
Barnes, Mildred M.	Akron
Belohlavek, Vlasta Marie	Akron
Binet, Olga	Akron
Borgen, Marjorie V.	Akron
Boston, William Clyde	Greentown
Braunstein, Katie	Akron
Brooker, Teresa Elizabeth	Akron
Brown, Lorna B.	Akron
Bunker, Loomis O., Jr.	Akron
Bunnell, Elizabeth E.	Akron
Burgess, Bernadette	Akron
Butterworth, Mary Elizabeth ..	.....
.....	Kenmore
Buys, Marjorie Anna	Akron
Cardarelli, Anna Josephine ..	Akron
Carey, Alice Beatrice	Akron
Carnahan, Leelah R.	Akron
Chapman, Herman	Akron
Christenson, Bernice Ruth ..	Akron
Clement, Sela Page	Akron
Cochran, Virginia	Akron
Cochrane, Kenneth	Akron
Codding, Keith C.	Medina
Corl, Clifton	Ellet
Corwin, Helen Lucille	Cuyahoga Falls
Currie, Beatrice E.	Akron
Dague, Treva Iola	Akron
Dandridge, Mildred L.	Akron
Dasch, Anna May	Akron
Dean, Myrtle	Akron
Dietz, Josephine	Ellet
Emmons, Paulyne	Akron
Ewing, Dorothy	Akron
Fassnacht, Edward Albert	Akron
Fetter, Marian E.	Kenmore
Fetter, Mary I.	Kenmore
Fifer, Madeline Antles	Akron
Fischer, Mary Louise	Tallmadge
Freeling, Margaret	Akron
Fuhrman, Dorothy Mae	Akron
Gerstenschlager, Robert	Wadsworth
Gross, Helen	Akron
Grubb, Josephine	Akron
Hagle, Dorothy Elizabeth	Akron
Hall, Gwendolyn R.	Akron
Harter, Margaret Lucille	Akron
Hartman, Zenas	Akron
Hartzell, Florence Helen	Akron
Heepe, Ethel Marie	Akron
Herwig, Helen	Kent
Heskett, Emma Jean	Bethesda

REGISTER OF STUDENTS

Hill, Theda Louise	Akron	Rea, Helen E.	Akron
Hunsicker, Juanita Caroline..	Kenmore	Reed, Edith	Barberton
Hutz, Elonet Amelia	Akron	Reynolds, Mildred Irene	Akron
Ingersoll, Betty	Akron	Rians, Dorothy Jane	Akron
Jones, Margaret	Akron	Romweber, Ruth Elizabeth.....	Akron
Keller, Edna Ruth	Akron	Ross, Bertha Mae	Akron
Kennedy, Emily Virginia	Peninsula	Russell, Elizabeth Miriam	Akron
Knabe, Leona Ruth	Akron	Sanderson, Dorothy C.	Akron
Koester, Lillian	Akron	Savoy, Clifford E.	Cleveland
Koester, Marie	Akron	Sheinin, Katherine	Akron
Lang, Pauline	Akron	Sparhawk, Laura Mae	Springfield
Lenig, Delma Lucetta	Akron	Staley, Mary Lucille	Akron
Limric, Chester	Akron	Stroman, Doris	Akron
McCallops, Dorothy Zoe	Akron	Taylor, Emma Mae.....	New Waterford
McCown, Anna M.	Akron	Thatcher, John G.	Akron
McGowan, Eleanor Marie	Akron	Thomas, Maynard	Akron
Manziona, Anna	Akron	Thompson, Sarah Elizabeth.....	Andover
Marggraf, Edward Ewald	Akron	Thornton, Olive Lucile	Akron
Metzger, Frances	Greentown	Toharsky, Mollie F.	Akron
Mong, Evelyn Marguerite	Akron	Tragesser, Mary Louise	Akron
Musser, Esther	Akron	Van Tassell, Dorothy	Akron
Nutt, Geraldine	Chardon	Warrick, Ralph George	Akron
Olson, Greta	Akron	Weber, Fanny Margaret	Akron
Parsons, J. Walter	Akron	Williams, Irene	Akron
Penrose, Virginia Ruth	Akron	Williams, May Evelyn	Akron
Poppenger, Bertha Blanche.....	Akron	Wilson, Mary C.	Springfield
Porter, Elsie	Akron	Wootten, Madeleine	Akron
Querry, Charles Delmas	Akron	Wright, Arthur Harry	Barberton
Rahner, Donna	Akron	Young, Ruth DuShane	Tallmadge

Men 20; Women 99; Total 119.

IRREGULAR STUDENTS

Brown, Donald W.	Kenmore	Olmsted, Bernice	Akron
Cherry, Evelyn G.	Canton	Plane, Mary Margaret	Warren, Pa.
Coleman, Hubert A.....	McEwen, Tenn.	Ricker, Lawrence D.	Akron
Faris, Leroy Clarence	Akron	Roberts, Margaret	Akron
Gross, Dorothy	Akron	Wilhelm, Henrietta	Akron
Lauby, Mrs. Myrtle K.	Clinton	Wiper, Mary A.	Akron
Montgomery, Edwin A.	Akron		

Men 5; Women 8; Total 13.

SPECIAL STUDENTS

Bond, Ethel	Akron	Gammage, Mrs. Leah	Akron
Briggs, Reginald Norman	Akron	Giroux, Henri A.	Akron
Brimberry, Ethel	Akron	Kinsey, Mary Marston	Akron
Callan, Jay	Toledo	Marks, Albert	Akron
Campbell, Mrs. Charles	Akron	Renninger, Henrietta	Akron
Clemenson, Edwin M.	Akron	Renninger, Margaret E.	Akron
Daugherty, Isaiah	Akron	Sarbey, Rose	Akron
Denison, John M., Jr.	Akron	Wallace, Blaine	Akron
Dicken, Ethel Barnes	Akron	Workman, Rhea	Akron
Fullington, Mrs. Mildred	Akron		

Men 8; Women 11; Total 19.

SUMMARY OF STUDENTS IN DAY CLASSES

BUCHTEL COLLEGE OF LIBERAL ARTS

	Men	Women	Total
Graduate Students	5	7	12
Seniors	44	26	70
Juniors	55	36	91
Sophomores	78	35	113
Freshmen	131	57	188
Irregular Students	26	10	36
Special Students	4	5	9
	<u>343</u>	<u>176</u>	<u>519</u>

COLLEGE OF ENGINEERING AND COMMERCE

	Men	Women	Total
Graduate Students	1	..	1
Seniors	23	2	25
Juniors	16	..	16
Pre-Juniors	28	3	31
Sophomores	68	2	70
Freshmen	196	14	210
Irregular Students	2	1	3
Special Students	16	2	18
	<u>350</u>	<u>24</u>	<u>374</u>

Engineering 227; Commerce and Administration 147.

CURTIS SCHOOL OF HOME ECONOMICS

	Women	Total
Seniors	5	5
Juniors	5	5
Sophomores	8	8
Freshmen	8	8
Irregular Students	1	1
	<u>27</u>	<u>27</u>

THE TEACHERS COLLEGE

	Men	Women	Total
Graduate Students	5	16	21
Seniors	3	32	35
Juniors	14	45	59
Sophomores	11	44	55
Freshmen	20	99	119
Irregular Students	5	8	13
Special Students	8	11	19
	<u>66</u>	<u>255</u>	<u>321</u>

EVENING SESSION

Abbott, Sterling Odes
 Abel, I. J.
 Abell, Wilbur J.
 Abshire, Mrs. Grace
 Achberger, George Ervin
 Adams, Emmett H.
 Adrion, George William
 Ahrendt, Eva M.
 Albright, Georgia
 Allison, Alex
 Alexander, Charles W.
 Alexander, Rosanna Blanche
 Allen, Janet
 Allen, Margaret J.
 Allen, Thelma
 Amos, Jennie
 Anderson, O. M.
 Andrus, Kathryn
 Appleton, Lawrence D.
 Ard, James Weaver
 Ardelian, Agnes
 Arensen, Edward L.
 Arkebauer, George G.
 Arms, Lorna Lucile
 Armstrong, Charles J.
 Armstrong, Elizabeth
 Arnold, Roscoe L.
 Ault, Eva D.
 Aune, Abram B.
 Auten, E. C.
 Averell, Marjorie
 Bachman, John Baptist
 Bachtel, Clayton
 Backus, Edward William
 Bagby, Lewis B.
 Bair, Marguerite Elizabeth
 Baird, Herbert Ray
 Baish, Adrian Reese
 Bakay, Arpad
 Baker, John L.
 Ballere, Richard
 Bandel, Sam J.
 Bandy, Herman Ross
 Bankes, Byron Alston
 Bankes, Walter E.
 Bankes, Willard Edwin
 Barber, Ethelyn May
 Barber, Dorothea
 Barber, Emma Fern
 Barber, Mabel Susannah
 Barker, Clara
 Barker, Jay Clifford
 Barker, Laura B.
 Barkett, Albert Edward
 Barnes, Foster A.
 Barnes, Garrett H., Jr.
 Barnes, Mabel
 Barnhardt, Jane S.
 Barrett, Dorothy Louise
 Barrett, Lois
 Barrick, Angeline
 Bartolini, Albert
 Bastian, Raymond
 Batchelor, Grace Iola
 Battels, C. W.
 Bauch, Kurt
 Baughin, Maude
 Baughman, Vergil Guy
 Baumert, Paule
 Bearce, Herbert Potter
 Beck, George Albert
 Beck, Mary K.
 Becker, Harold David
 Beckwith, Katherine
 Bell, Catherine
 Bendell, Helene
 Bender, C. Edward
 Bender, John E.
 Benjamin, Willis Danley
 Berger, June
 Berlesky, Harry Stephen
 Bernard, Evelyn
 Berns, Karl H.
 Berry, Louis A.
 Best, John A.
 Bey, Albert P.
 Bick, Carl H.
 Bickel, Erma Della
 Bidinger, Michael
 Bigler, John F.
 Biller, Locetto
 Billeter, Jessie O.
 Billings, Samuel L.
 Birch, Harry A.
 Bitter, Esther Mary
 Bixby, William S.
 Blackburn, Melvin Ralph
 Blair, Paul C.
 Blake, Hazel M.
 Blank, William K.
 Blazer, Violet
 Blosser, Eben L.
 Boback, Katherine
 Bockstahler, Cora
 Boden, Warren Beryle
 Bodle, Virgil H.
 Boedicker, Howard R.
 Boettler, Samantha V.
 Bolanz, Margaret
 Bolton, Frank
 Bond, Stanley
 Borgen, Marjorie
 Bosomworth, George Palliser
 Boss, George A.
 Bowen, Albert Eugene
 Bower, Orpha S.
 Bowlby, Nerin
 Boylan, Dorothy
 Boyle, Daniel R.
 Boyle, William J.
 Bradford, Bertha B.
 Brandy, William
 Braudorn, Karl H.
 Braverman, Dora Holub
 Brean, Joseph Sannington
 Brenfeck, Elmer P.
 Brenfeck, Elvira Sutter
 Brenner, Elma
 Bricker, Frances B.
 Brewer, Belle B.
 Brewster, M. Marthena
 Breyfogle, Lewis W.
 Bridgwater, Boyd E.
 Briers, Eugene H.
 Briggs, Pearl
 Briggs, Reginald Norman
 Briggs, Vivian R.
 Bright, Percy Herbert
 Britton, Carl T.
 Broach, Emma
 Brodt, Carl
 Brown, Elizabeth
 Brown, Hubert K.
 Brown, James F.
 Brown, Lucylle L.
 Brown, Ruth C.
 Brubaker, John F.
 Brubaker, Irene
 Bruce, Albert
 Brueggeman, Walter M.
 Buffington, G. E.
 Bruney, Edward William
 Bryant, Margaret A.
 Buehl, Harold Lothman
 Bulgrin, Walter
 Bunts, Harold A.
 Burge, Dorothy
 Burger, Marvin
 Burgner, Mrs. Hazel
 Burkhart, Mrs. Nellie
 Byrne, Ralph Waldo
 Cable, Rena Nancy
 Cahill, Harry C.
 Caillet, Justin William
 Cairnie, Robert Richardson
 Caldwell, Emma Viola
 Caldwell, Eugene F.
 Callahan, Thomas Francis
 Callihan, Wilda E.
 Calnan, Catherine
 Calnon, Irene
 Cameron, Catherine
 Camp, Gale
 Camp, Glenn
 Campbell, Bernice Mae
 Campbell, Mrs. Charles
 Campbell, William H.
 Cannon, Emma B.
 Capps, Amy Alta
 Cardarelli, Jennie
 Carden, Ruth E.
 Cardin, Gertrude H.
 Cargill, John Michell
 Carlson, Carl Ellsworth
 Carlson, John Einar
 Carrick, Carrie E.
 Cartwright, Howard
 Carver, Mary
 Cashion, Clifton G.
 Casselberry, Jewel C.
 Cassidy, Frederic
 Castle, Harry M.
 Caves, Earl L.
 Caves, Verna J.
 Cehrs, Glenn P.
 Cervenka, Edith
 Chamberlain, Georgia
 Chamberlain, Gladys E.
 Chamberlin, Ruth
 Chandler, Edward
 Chandler, Elsie
 Chapman, Charles
 Cheney, Geo. W.
 Chenot, Bertha
 Chenot, Helen Evelyn
 Child, Harold R.
 Christ, Harding S.
 Clark, Merle A.
 Clark, Norris
 Clauss, Victor A.
 Clegg, Irene Mabel
 Clemenger, Elizabeth B.
 Clemenson, E. M.
 Cloyd, Ellen Ida
 Coates, Gladys Mildred
 Cochran, James M.
 Coddington, Fern
 Cohen, Jeanne
 Cole, Lytle Walter
 Coleman, Helen L.
 Collins, J. E.
 Collins, Mary Evelyn
 Conklin, Mattie V.
 Cooper, Benjamin Franklin
 Cope, Earl D.

Cope, John W.
 Corbett, Elizabeth G.
 Corbett, Emma
 Corbett, Marion L.
 Corl, Helen
 Corman, Fannie
 Cornell, E. G.
 Corpening, Beatrice
 Cottrell, Robert Lee
 Coup, Charles
 Courson, George F.
 Cramer, Eberhard
 Cramer, Edna B.
 Cramer, Glen LeRoy
 Crano, Rose Martha
 Cratty, Stella
 Crawford, Roy B.
 Cray, Edith Grace
 Croft, Nellie E.
 Crouch, Frieda
 Crowe, Bertha
 Cruikshank, Donald M.
 Culbertson, Robert Lee
 Culp, Vernon S.
 Cummings, Arthur Donald
 Cunningham, Mary E.
 Curry, Mildred H.
 Cutler, Thomas Edward
 Dallas, Frank
 Damerow, Otto R.
 Damerow, Richard Theodore
 Danforth, Florence M.
 Daniell, John Harris
 Darling, George
 Daub, F. L.
 Daub, Norman E.
 Daugherty, Isaiah
 Davis, Berenice
 Davis, Gertrude
 Davis, Hazel Kirke
 Davis, Howard Edward
 Davis, Harold Francis
 Day, Curtis
 Day, Stephen Edward
 Dean, Anna H.
 Dean, Myrtle
 Deck, Frances Margaret
 Decker, Ellsworth
 Delaney, Vincent
 Denison, John
 Denning, Eugene
 Derrer, Gustav
 Derrig, Dorothea
 DeRoya, Inez
 Desett, Ernest A.
 Dete, Leo J.
 Deuber, Ivah
 DeVore, Louis
 Dibble, Paul
 Dice, William
 Dillard, James Scott
 Dillehay, Albert
 Dimmette, Celia M.
 Dimmette, Charles L.
 Dineen, Mabel A.
 Dinsmoor, Charles Edward
 Dissinger, Roscoe
 Dittemore, James A., Jr.
 Dittemore, James A.
 Dixon, Cozette
 Dixon, Lawrence
 Dodge, H. M.
 Doesburg, Herman
 Donnenwirth, Dorothy
 Dorman, Mary L.
 Dorn, Ruth
 Dougherty, John
 Douth, Howard M.
 Draper, Florence A.
 Driscoll, Kathryn
 Dunning, James R.
 Dupner, Dorothy
 Durant, David Keith
 Drab, Joseph M.
 Dusz, Howard A.
 Dyer, Ida
 Dyke, Marjorie E.
 Dyke, Thelma F.
 Early, Vuron Thomas
 Easterday, Hazel V.
 Easton, Frank Carroll
 Ebbert, Helen K.
 Echols, Clyde Lee
 Eckert, Homer O.
 Edwards, Mayme
 Eilbeck, Leslie Irvin
 Ekelberry, George Allen
 Ellis, Freda Lillian
 Elmer, Evalyn Helen
 Emde, John M.
 Emmons, Vera Jane
 Endsley, George Gamble
 Engstrom, M. Esther
 Engstrom, Ruth Isobell
 Ervin, Lillian Gertrude
 Ervin, Berchal
 Espringer, Marguerite
 Evans, Alfred James
 Evans, John G.
 Everett, Florence J.
 Everhart, Helen
 Everson, Mrs. Cora E.
 Fackler, Mary
 Fahey, William P.
 Fair, William H.
 Fairbanks, Edna E.
 Fairbanks, Helen A.
 Fairheart, Adeline Myrtle
 Faller, Armin Milton
 Fanning, William
 Farr, Alvira H.
 Farrington, Mary
 Farver, Warren Lee
 Farwell, Elma
 Farwell, May
 Fassnacht, Albert Edward
 Faur, Emil
 Feather, Elizabeth
 Felber, Anna M.
 Felmy, Esther M.
 Ferguson, Wellington D.
 Ferbstein, Harry
 Ferbstein, Josephine
 Ferguson, Mildred
 Fernsner, Hazel M.
 Fetzer, Edith May
 Fickes, Robert
 Firestone, Arden
 Fish, Perry J.
 Fielding, Doris
 Fields, Florence Electra
 Fisher, W. Fred
 Fitch, Winifred
 Flaherty, Josephine
 Flanigan, Virginia
 Flanick, Graham
 Fleming, Harry
 Flickinger, Ethel L.
 Flint, Eldora H.
 Foltz, Elva
 Foltz, Esgar
 Footte, Clifford
 Forbes, John Samuel
 Forman, Amos
 Forman, Leonard
 Fox, Charles
 Fox, Harry Edwin
 Fox, Isadore Charles
 Frampton, Arthur
 Frase, Alice
 Frase, Mabel
 Frazer, Robert L.
 Frazier, Dorothy
 Freas, George Rothrock
 Freas, Nina May
 Freedman, Ann
 Freudeman, Albert G.
 Frey, Margaret Frances
 Fricker, Agnes
 Froebe, John A.
 Frost, Alma V.
 Fullam, Leighton J.
 Fulton, Charles E.
 Gallagher, Wanda A.
 Galleher, Eldon Clare
 Galin, Earnest
 Ganning, Gordon G.
 Gantz, Ralph M.
 Gardner, Francis A.
 Gardner, William A.
 Gass, Clara
 Garner, Dwight
 Garrigan, Frances J.
 Garrison, Walter Ross
 Gebelt, Charles F.
 Gehri, Lillian
 Geib, Frances
 Geib, Helen
 George, Blanche
 Gerher, Albert J.
 Gibeaut, Grace
 Gibson, Margaret Florence
 Gilbert, Ben
 Gilbert, Ernest C.
 Gilbride, Mary E.
 Gilbride, Rose
 Gilchrist, Ida J.
 Gill, Ray W.
 Gilleland, Earl R.
 Gillen, Francis D.
 Gillooly, John
 Giosso, Andrew
 Giroux, Rachel Mayo
 Gladieux, Lester J.
 Glass, Violet Elizabeth
 Glass, Wilma
 Goehler, Kathryn Elizabeth
 Gomoll, Emma
 Gould, Frances Mrs.
 Graffins, Lloyd P.
 Graham, Malcolm M.
 Graham, Nevada
 Granley, Odabell Daisy
 Grant, George Curtis
 Graves, Olive Irene
 Gray, Ruth
 Green, Albert L.
 Green, Sara
 Gregg, Margaret Helen
 Griffin, Gladys
 Grimm, Fred Albert
 Grimm, Mary
 Grismore, Parke B.
 Grosh, Elizabeth Barker
 Grosh, Walter A.
 Gross, Helen
 Gross, Wilma Mae
 Gruska, Hermina Emily
 Guffey, Martha Jean
 Gutknecht, Clarence D.
 Haas, Emmet
 Haas, Minnie F.
 Haby, George
 Hadley, Lucy

REGISTER OF STUDENTS

Haeefe, Pluma
 Haeefe, Ruth L.
 Hahn, Frank
 Hahn, Mary Jane
 Haines, Eleanor
 Hall, Charles
 Hall, Marjorie
 Hall, Virgil E.
 Hamlin, Dorothy Ellen
 Hamon, Gordon F.
 Hampp, Paul Greenwood
 Hamrick, Fred W.
 Hanawatt, Virginia
 Hansen, Metta
 Hansen, Percy
 Harding, Clarence
 Harding, George
 Harper, Halcyon Olin
 Harper, Mabel
 Harper, Pauline
 Harper, Robert H.
 Harper, Roselle
 Harris, Cassie
 Harris, Helen
 Harris, Helen Lucile
 Harris, Isadore
 Harris, Mary Louise
 Harris, Thomas LeRoy
 Hartong, Eura Lucile
 Harwick, C. J.
 Hassenflue, Marjory
 Hart, Mrs. Mary
 Harvey, Helen M.
 Hatfield, Dora B.
 Hauck, Laura N.
 Hawkins, Mrs. Harriet
 Hawthorn, Thomas
 Haynes, Frank Raymond
 Heddesheimer, Walter J.
 Hedger, Lynn Nicholson
 Hedlund, Margaret K.
 Heller, Ferdinand Grover
 Heminger, Arthur L.
 Heminger, Mary J.
 Hendershot, Mrs. Belle B.
 Henry, C. M.
 Henry, Pauline Marie
 Herbert, Mary
 Hergert, James C.
 Herrick, E. V.
 Herz, Marguerite M.
 Herog, Adam
 Heskett, Harold H.
 Heskett, Paul S.
 Hess, Helene
 Hetrick, Arthur C.
 Hibbard, L.
 Hickox, Ruth
 Hicks, George L.
 Higgins, Mrs. Marie
 Hilbish, Chas. E.
 Hill, Anna L.
 Hill, Florence
 Hillock, John Ernest
 Hinderleter, Harry Edward
 Hine, Lucille D.
 Hine, Mary F.
 Hines, Frances
 Hinks, Amos Elbert
 Hite, Glenn O.
 Hodgdon, Guy Philip
 Hodges, Henry Eugene
 Hodges, Nathan Emery
 Hoehne, Hildegarde
 Hoffman, George
 Hoffman, Gladys
 Hofstetler, Dennis
 Hogarth, Paul O.
 Hogsett, Marie
 Hohman, Ann
 Holbert, Eugene
 Holcomb, Ruby May
 Hollister, Wesley O.
 Holloman, Clyde
 Holloway, M. Jeanette
 Holloway, LeRoy
 Holt, Marie Gertrude
 Honeywell, A.
 Honeywell, G. L.
 Horning, Leone M.
 Horst, Henry M.
 Hoskins, Rose Kyle
 Houghton, Raymond
 Houriet, Catherine Elsie
 Householder, Bess
 Householder, Mrs. F. F.
 Houser, Ross A.
 Hovey, Harry J.
 Howard, Carrie
 Huber, Henry A.
 Huber, Joseph C.
 Huff, Merle M.
 Hugg, Matilda G.
 Hughes, Edgar
 Hughes, John J.
 Humbert, Harry B.
 Hummel, E. Harvey
 Hunsche, Chas. W.
 Hunsicker, Dorothy A.
 Hunsicker, Mary Maude
 Hunsicker, Stephen G.
 Hunter, Charles J.
 Hurst, Olive Wilson
 Hyatt, James Lloyd
 Imes, Arvel Earl
 Ion, Grace E.
 Irvin, Gladys A.
 Irvin, Robert Theodore
 Isenman, Alfred L.
 Jackson, Clare
 Jackson, Helen Jean
 Jacobs, Carl W.
 Jacobs, Emma Jeane
 Jenkins, Berkley
 Jennings, Dorothy
 Jentsch, Gertrude
 Jentsch, Theodore
 Jeppesen, Helen Louise
 Joel, William Arthur
 Johns, C. A.
 Johnson, Anna W.
 Johnson, Clarence Walter
 Johnson, John
 Johnson, Lawrence Carrol
 Johnson, Olga Pearl
 Johnston, Elizabeth D.
 Johnston, Linton B.
 Johnston, Roe S.
 Jones, Cyril
 Jones, Edna M.
 Jones, Richard C.
 Jones, Robert B.
 Jones, Rupert
 Jones, William Henry
 Jordan, Augustus L.
 Jusell, Judson
 Justice, Berenice F.
 Kaiser, Elizabeth
 Kaiser, John A.
 Kanagy, Celia M.
 Kapity, Charles Harry
 Kaufman, Bess Emery
 Kaufman, Dan W.
 Kaufman, Ezra E.
 Kearney, Jack P.
 Kearns, Patience B.
 Keen, Clifton Paul
 Keeney, Harriette W.
 Keifer, Ruth L.
 Keirn, Paul L.
 Keirn, Winifred
 Keith, John D.
 Keller, Sam
 Kellerman, Annabel
 Kelley, Virgil L.
 Kemp, A. Albert
 Kemple, Caroline B.
 Kendall, Edith
 Kenney, L. R.
 Kerr, Boyd
 Kienzie, Margaret
 Kilbourn, F. L.
 Kilburn, Ruth C.
 Kilgo, Oscar B.
 Kimball, Dudley F.
 Kinnan, A. J.
 Kinnan, Mrs. A. J.
 Kintner, Galen F.
 Kirk, Geo. B.
 Kirk, W. D.
 Kirn, Katherine R.
 Kirtley, Lorin E.
 Kittredge, Lois
 Kleckner, Marion B.
 Kline, Mary E.
 Knapp, Mrs. Audrey I.
 Koch, Joseph
 Koehler, Frank B.
 Koerschner, Wm. F.
 Kohut, Mary
 Kvontz, Mary E.
 Kopf, William H.
 Kosko, Teresa
 Kraatz, Julia J.
 Krabill, M. P.
 Krager, Lenore
 Krager, Lillian G.
 Krall, Henry R.
 Krannich, Cecelia E.
 Krantz, Walter J.
 Kraus, Jos. P.
 Kreinberg, Paul W.
 Krismann, Emil H.
 Krueger, Inez C.
 Kuhnes, Daisy M.
 Kunkel, Goldo
 Krohngold, J. David
 Krutky, Theodore
 Kubaugh, Florence M.
 Kurtz, Joe
 Kurtz, Orien L.
 Kushkin, Milton M.
 Lachat, Lawrence L.
 Laepply, Russell F.
 Lake, Esther I.
 Lambert, Edward
 Lambert, Thelma M.
 LaMont, May
 Lang, Alma J.
 Lang, Victor L.
 Langer, Mrs. Harriet
 Lansinger, Inga T.
 Larson, Antoinette
 Larson, Jennie E.
 Lasher, Margaret E.
 Lattimore, Alice M.
 Lattimore, Madeline
 Laube, Edna E.
 Lauby, Myrtle K.
 Laughlin, L. Ray
 Lawrence, Mildred W.
 Layton, Harold
 Leeper, Laura A.
 LeFevre, Al S.

Lefferty, H. Forrest
 Leffer, Carl P.
 Leigh, Virginia G.
 Leiter, Carolyn B.
 Lemmer, Augusta C.
 Lentz, Fairfax
 Letzelter, Mary L.
 Levin, Edward
 Lewis, Emma
 Liedholm, Gustaf
 Lieghley, Ernest O.
 Light, Wayne
 Lindholm, Jalmer
 Little, Owen W.
 Lockard, Maude H.
 Logan, Elizabeth D.
 Logan, Elsa
 Long, Edwin T.
 Long, William T.
 Loop, Ruth M.
 Lorson, James Raymond
 Louthan, Roy
 Love, Ivan R.
 Lowell, Marcia J.
 Lowery, Matilde
 Ludwigen, Oscar T.
 Lumpe, Audrey
 Lynch, James J.
 Lyon, Emma H.
 Lyon, Paul
 Lytle, Belle
 McAcy, Helen K.
 McArtor, Alice N.
 McAuliffe, Mary M.
 McAuliffe, Thomas C.
 McCance, Jessie
 McCarty, Harry P.
 McCloud, Carl
 McCobb, Herbert H.
 McColloch, Mrs. Edna E.
 McCormick, Beatrice
 McCormick, Enid
 McCormick, Mary E.
 McComb, LeRoy H.
 McDade, W. R.
 McDonald, Rose E.
 McDougal, John T.
 McDowell, Anna E.
 McDowell, Edwin L.
 McDowell, Waldo E.
 McFadden, Marion B.
 McFarland, P. F.
 McFarlin, Edna
 McKelvey, Augusta B.
 McKenzie, Mary
 McKeown, Helen L.
 McLaney, Sara
 McLean, Mary L.
 McLean, Samuel D.
 McMurray, L. Aileen
 McNeil, Ruth C.
 McNellis, Francis H.
 McQuie, Fannie
 Mack, Della
 Maffet, Richard L.
 Maghione, Louis
 Maier, Bertha L.
 Manthey, Otto W.
 Manville, Adrienne
 Marek, Leroy F.
 Marek, Mrs. L. F.
 Marks, Eunice Olga
 Markwood, Vida E.
 Marquardt, Max F.
 Marsh, Marian J.
 Marshall, Cloyd E.
 Marshall, Donald F.
 Martin, Jene
 Martin, Julia C.
 Martin, Lillian
 Martin, Rose E.
 Marting, Harrison B.
 Mason, Ruth
 Mast, Earl C.
 Masteller, Orlo G.
 Master, Annie L.
 Mastergulie, J. C.
 Masterson, Helen F.
 Matson, Howard V.
 Maurer, Dorothea
 Mauser, David P.
 Maurer, John E.
 May, U. F.
 Mayer, Elfrieda
 Mearig, J. F.
 Mears, Charles A.
 Meech, Clyde M.
 Mellinger, Harold F.
 Mellinger, Kenneth L.
 Mellor, Donald
 Merrell, Cecil O.
 Merryweather, Clyde
 Merryweather, Gerald
 Metzger, Alfred
 Metzger, Mary
 Metzger, C. Harold
 Meyer, Ernest A.
 Meyer, Gertrude
 Miksch, R. A.
 Miksch, R. M.
 Milford, Grace A.
 Millar, Marguerite
 Miller, David L.
 Miller, Margaret H.
 Miller, Dorothy L.
 Miller, Ferne A.
 Miller, Frank B.
 Miller, Grayce J.
 Miller, Joseph P.
 Miller, Marie E.
 Mitcham, Louise M.
 Mitchell, Howard S.
 Mitchell, Martha A.
 Mitchell, Merlie M.
 Moffitt, Anna M.
 Molenaar, Logan
 Molyneux, Alice
 Mong, Rebecca J.
 Montgomery, Chas. E.
 Montgomery, Edwin
 Montgomery, E. A.
 Moore, Alice
 Moore, Charles
 Moore, Clyde
 Moore, Ethel A.
 Moore, Florence D.
 Moore, Lena
 Moore, Maude
 Moore, Nannie
 Moore, R. I.
 Moore, Ralph Waldo
 Moran, Mary M.
 Morgan, Elizabeth
 Morgan, James
 Morin, Arthur
 Morris, Cecilia K.
 Morris, Irvin
 Morris, Vera I.
 Morrison, Janet
 Mororw, Anna L.
 Morton, Serpha I.
 Mosholder, Rose
 Moss, Elizabeth
 Mossler, George F.
 Moyer, Vernon L.
 Muir, Jessie Annette
 Mullikin, Alice
 Murdock, John K.
 Murphy, Paul M.
 Murphy, Paul R.
 Murray, Gladys
 Myers, Esther I.
 Myers, Mary E.
 Myers, Ralph J.
 Nash, Edith
 Nathan, Ernest Duke
 Nathanson, Mary Belle
 Naumer, Louise
 Neal, Lillian B.
 Neely, James L.
 Neiswanger, Ruth
 Nemcik, Mary V.
 Nevenschwander, W. L.
 Newman, Arthur Paul
 Nighman, Kenneth E.
 Noakes, Levi C.
 Nolan, John Thomas
 Obermeier, Teresa
 O'Day, Lenora
 Ohl, May L.
 Oldham, Albert Henry
 Olmsted, Bernice
 Oplinger, Warwick Clyde
 Orr, Muriel W.
 Osborn, Helen Gould
 Osterman, Daniel
 Owen, Edwin
 Pack, Mabel
 Packard, Russel L.
 Parker, Anna Faye
 Parker, Beatrice
 Parker, Harriet J.
 Parker, Marilla
 Parks, Keith A.
 Parrine, Osbert Homer
 Parrish, Frank O.
 Parsons, J. Walter
 Patrick, Marie Mae
 Patrick, Robert Boyle
 Payne, Oscar
 Pearce, Robert Southwell
 Pease, Oliver Hathaway
 Pease, Mrs. Ruth Marian
 Peek, Olive S.
 Pees, Mahala Jane
 Pelfrey, William Oscar
 Pemberton, Letha
 Perdue, Albert
 Perkins, George Glen
 Perrin, Everett T.
 Peterson, Albert C. T.
 Peterson, Eva Marie
 Pettit, John
 Petty, James Albert
 Petre, Ralph
 Pfaff, Rhea
 Pfautz, John B.
 Pflueger, George A.
 Pfromm, Anton
 Pfromm, George L.
 Phelps, Mary W.
 Piatt, G. F.
 Pierson, Louise
 Pittenger, James H.
 Place, Frederick
 Plane, Mary
 Plant, Paul B.
 Pleasants, Elizabeth K.
 Pliskin, Sam
 Pontius, Robert Roy
 Pope, Alan
 Porter, Mrs. Dorothea
 Porter, Florence C.
 Porter, Orland A.

REGISTER OF STUDENTS

Porter, Robert Edward
 Potschner, Stella L.
 Poulton, Hancil L.
 Powell, Dorothy
 Price, Fred C.
 Price, Jesse R.
 Pritchard, Estherbell
 Prosper, Powell
 Pryor, Carl A.
 Purdy, Lottie M.
 Purdy, Pauline Harriet
 Pyers, Ben F.
 Pyers, Bessie
 Quaintance, Elsie I.
 Raasch, Virgil L.
 Rahner, Donna
 Rankin, Helen M.
 Raub, Susie
 Reading, Donald Edwin
 Ream, George Robert
 Ream, Mrs. Madeleine A.
 Rearick, Maude
 Reaver, Shirley
 Redinger, Mary
 Reed, Bruce C.
 Reed, Edith
 Reed, Ray
 Reed, Ruth
 Reid, Edith M.
 Reidy, Henry Joseph
 Renew, Warren H.
 Renninger, Henrietta Mae
 Renninger, Margaret E.
 Reyman, Charles
 Reynolds, Mildred Irene
 Rich, Edward Walter
 Richardson, Grace J.
 Richardson, John
 Richert, Paul N.
 Richie, Donald
 Rickenbrod, Pauline
 Ricker, Lawrence D.
 Riehl, Doris L.
 Riel, Harry Lester
 Ries, Harry Lawrence
 Rigby, James Harold
 Riley, Anna Lee
 Ringer, Elsie
 Robert, Fernal Charles
 Roberts, Gilbert
 Roberts, G. Hassel
 Roberts, Oscar I.
 Roberts, Pauline
 Robertson, Bruce Harold
 Robinson, Bernice
 Robinson, Helen Fay
 Robinson, Margaret
 Robison, Frank
 Roeger, Dorothy E.
 Roetzel, Ruth Louise
 Rogers, Mildred S.
 Rogler, Herbert Elton
 Rohner, Mrs. Caroline
 Romig, Lucreta Blanche
 Rosenfeld, Arnold
 Rosenthal, Benjamin
 Rosenthal, Peter
 Roser, Ralph Marlowe
 Ross, Alice I.
 Ross, Clyde Emery
 Ross, Sarah
 Rothschild, William E.
 Rouch, Carroll J.
 Roush, F. Marion
 Rowe, Wilfred
 Ruble, Charles
 Ruch, Lewis C.
 Ruch, Ray W.
 Rumsey, Rebecca
 Runyon, George D.
 Russell, Clarence Willard
 Russell, Effie M.
 Ryan, Margaret Mary
 Rylander, Martha O.
 Saal, Kathryn C.
 Sabin, F. G.
 Sacks, Bessie Lillian
 Sahn, Claude
 Santrock, Nora
 Sapp, Bertha
 Sarbey, Anne Shirley
 Sauter, Thomas Henry
 Sawdy, M. Esther
 Sawdy, Herold Eugene
 Schaefer, Mrs. Grace
 Schaefer, Jno. C.
 Schell, Therese A.
 Schenz, Louis Henry
 Schieb, Chas. E.
 Schieble, J. Donald
 Schlayer, Katherine Dorthea
 Schlitt, Freda
 Schoch, Joe Albert
 Schroeder, Mabel
 Schubert, Henry S.
 Schueneman, Martha
 Schulz, Amelia H.
 Schultz, Mary Katherine
 Schwinn, Mrs. E. A.
 Scott, John
 Scott, Wilda Frances
 Seale, Mary Kathryn
 Seese, Marvin Clay
 Segelbaum, Dolores
 Seiler, Frank B.
 Seitz, Helen Ruth
 Sellers, Hazel Belle
 Sellers, Orval E.
 Seryak, W. Frank
 Seymour, Ruth W.
 Shaeffer, Clifton R.
 Shafer, Emiline Mae
 Shafer, Ralph N.
 Shaffer, J. M.
 Shaffer, Myron T.
 Shanafelt, Paul William
 Shannon, Mrs. Lulu S.
 Sharp, Elsie Mae
 Sharpe, Nelle C.
 Shaver, Paul Frederick
 Shaw, Henry K.
 Shaw, Percy A.
 Shaw, Gail Beatrice
 Shaw, Robert Osburn
 Shea, Eunice
 Shea, J. Whitney
 Sheaffer, Grace L.
 Sheldon, Frank L.
 Shenk, William Halbis
 Shepherd, Thomas P.
 Sherman, Louise
 Shidaker, Hazel
 Shields, Edith F.
 Shifflette, Nan G.
 Shinn, Floyd J.
 Shorder, E. Donna
 Shovan, James
 Shumaker, Jno. S.
 Shuman, Cottie Pruella
 Simpson, Anna
 Singer, Beatrice
 Skaer, Blanche
 Slater, Ailene
 Slater, Ernest William
 Sloop, Harold
 Smeal, Maldine
 Smith, C. E.
 Smith, C. F.
 Smith, Carola M.
 Smith, Florence M.
 Smith, Frank Russell
 Smith, Gordon F.
 Smith, Geo. L.
 Smith, C. Harold
 Smith, Harry A.
 Smith, Isabel
 Smith, Jessie Grace
 Smith, Katherine Elizabeth
 Smith, Lawrence E.
 Smith, Lulu Izora
 Smith, Norman
 Smith, William Andrew
 Smith, Theodore E.
 Smoyer, Mrs. Fred
 Smoyer, Nellie L.
 Snider, Emma Catherine
 Snow, Raymond P.
 Snyder, Beatrice R.
 Snyder, Dora Elizabeth
 Snyder, Mahlon
 Snyder, M. Marguerite
 Snyder, Nellie M.
 Snyder, Nelson M.
 Snyder, Robert
 Somerville, Chas. V.
 Sommer, John D.
 Southerland, Ida
 Spafford, Beryl
 Spanton, Margaret Anne
 Speicher, Joseph
 Spence, Park Richard
 Spencer, Mrs. George N.
 Spitznas, Robert
 Sprague, Charles F.
 Springston, Clifford Dennis
 Springston, Flossie
 Spulock, Jack B.
 Squires, Horace
 Stahl, Carl E.
 Stall, Blanche S.
 Stallings, Robert Edward
 Stallsmith, Edwin O.
 Stalnaker, Sturley
 Stanger, Rose M.
 Stark, John
 Stebbins, Chas. S.
 Steckhan, Charlotte E.
 Steele, Mary
 Stees, Fannie R.
 Steigner, Ora M.
 Stein, Elizabeth C.
 Stemer, H. J.
 Stentz, Carlton E.
 Stephen, Jessie
 Stevenson, Elizabeth
 Stewart, Thomas F.
 Stinaff, Robert Kenton
 Stingel, Minnie Ruth
 Stockman, Emma
 Stolder, Maria M.
 Storrie, Vesta M.
 Stover, Ellsworth E.
 Strehlon, Marguerite
 Stricklen, J. R.
 Stull, Harry Lester
 Stump, Carl Marshall
 Suhadolink, Lawrence
 Sullivan, Ellen F.
 Sullivan, Nora E.
 Sundberg, Sexton J.
 Sutherland, Sue
 Suschik, E. G.
 Sutton, M. Claude
 Swain, Harold J.

Swainhart, Vida
 Swan, Walter
 Swanson, Carl J.
 Swanson, Helen E.
 Swartz, W. George
 Sweeney, Eugene F.
 Sweitzer, LeRoy P.
 Swindler, Albert Ernest
 Swisher, Homer D.
 Switzer, Charles C.
 Switzer, Happy M.
 Syler, Wilma Irene
 Symms, Samuel Y.
 Tapper, Rose
 Taylor, Glen D.
 Taylor, Nancy B.
 Test, J. Arthur
 Tham, Mrs. Cornelia M.
 Thomann, Michael
 Thomas, Harold
 Thomas, Jane
 Thomas, Mildred Jeanette
 Thompson, Ben
 Thompson, Freda M.
 Thompson, Mrs. Grace
 Thompson, T. G.
 Thompson, Walter W.
 Thompson, William Berle
 Thorn, Alfred W.
 Thourot, Mary Grace
 Thurston, Adelaide F.
 Tillett, Charles Merthyn
 Timmons, William D.
 Tishkoff, Marvin M.
 Tittle, Arthur
 Tolan, Reid M.
 Towne, Iva J.
 Tragesser, Mary Louise
 Trainor, Mrs. Laura
 Traxler, Claude K.
 Trenner, Anna R.
 Trenner, Ruth J.
 Trew, Bessie Duff
 Triplett, Earl D.
 Tritschler, Amelia
 Trottmann, Mrs. Ione
 Trottmann, Noyes C.
 Trusler, Clarence Leigh
 Tubaugh, Maria
 Tucker, James H.
 Twibell, Vendela
 Turner, Lewis C.
 Tyo, Leonard
 Tyson, J. J.
 Upstill, Helen
 Uprman, Helene
 Usher, George James
 Vandersall, Ray L.
 VanHorn, Pluma Ruth
 VanHyning, Robert
 VanHyning, Irene M.
 Vanica, Pearl R.
 Vance, Otto K.
 Varner, Walter F.
 Veon, Mamie
 Vincent, Clarence Hall
 Vincent, Harold Sellen
 Vollmer, Helen
 Voris, Marion
 Wachter, Rose
 Wagler, Lerhetta
 Wagner, Marie B.
 Waldsmith, Dorothy
 Waid, Robert T.
 Waite, Gordon
 Walker, Alfred P.
 Walsh, Harold J.
 Walsh, Josephine
 Walston, Maurine
 Warden, William F.
 Warner, Florentina
 Watson, Lawrence B.
 Weaver, Albert J.
 Weaver, Homer H.
 Webb, Dr. Alma C.
 Weber, Geo. F.
 Weber, Robert
 Webster, Avanelle
 Weilbrenner, Marie
 Weimer, Roy B.
 Wells, Alton R.
 Wells, Edward William
 Wells, Kenneth Dale
 Wells, Mae
 Wells, Ruth Morralee
 Wells, Walter A.
 Welsh, Tressa
 Welty, Ethyl Montayna
 Wenk, Russell Walter
 West, Cora Pauline
 West, Harry H.
 Weston, Dorothy E.
 Weston, Evelyn G.
 Wetzal, Geo.
 While, Thomas G.
 White, Luella May
 White, Lucille Evelyn
 Wiesemann, William
 Wilhelm, Henrietta M.
 Williams, Charles
 Williams, Edward R.
 Williams, Glenn Allen
 Williams, Harriett Lucile
 Williams, Luella F.
 Williams, Norma F.
 Williams, Paul
 Williamson, Elsie N.
 Willard, Russell C.
 Wilson, Ethel Louise
 Wilson, Forest H.
 Wilson, Grace A.
 Windish, Eva Pauline
 Windelman, David
 Winslow, N. R.
 Wiper, Mary A.
 Wisberger, John
 Wise, L. Hinda
 Wise, Mabel
 Witzberger, Clarence M.
 Witzeman, B. Evangeline
 Wolfe, Edna
 Wolfe, Raymond
 Wood, Thomas
 Woodlock, Joseph Paul
 Woods, Alice Cecilia
 Woodward, Alva W.
 Woody, Hazel Idella
 Worrell, Mayme
 Worrell, Virginia Mae
 Worth, Grace Niel
 Wortley, Marjorie
 Wright, Estelle J.
 Wright, Francis H.
 Wright, C. Nelson
 Wunderly, Bert F.
 Wyant, Margaret Fay
 Wykoff, Clarence Harry
 Wymer, Willard A.
 Wyttenbach, Theodore J.
 Yahl, Margaret W.
 Yahner, Clare Catherine
 Yahner, Grace Naomi
 Yahner, Lucreta
 Yearick, Warren A.
 Yedler, Victor F.
 Yeo, Burgett Everett
 Yonally, Estella Catherine
 Young, Arline
 Young, A. Miller
 Young, Raymond G.
 Zahniser, Kenneth Clair
 Zeis, Mary
 Zickefoose, Cecil H.
 Zimarik, Mrs. Elizabeth J.
 Zipse, William E.
 Zintel, Louise
 Zissen, Allen Joseph
 Zook, David B.

Men 699; Women 630; Total 1,329.

REGISTER OF STUDENTS

1926 SUMMER SESSION

Abbott, Mary Louise
 Adams, Virginia L.
 Alpeter, James
 Alpeter, Katharine
 Aspell, Marion
 Ault, Honor
 Ayres, Verna
 Bachtel, Harriett E.
 Bailey, Elberta
 Bakay, Arpad
 Baker, Lawrence M.
 Baker, Mary Eleanor
 Banks, Walter E.
 Banks, Willard E.
 Barber, Vera
 Barbian, Homer L.
 Barker, Clara Gertrude
 Barker, Laura B.
 Barnes, Ethel
 Barnhardt, Jane S.
 Bartholomew, Luther
 Batchelor, Mrs. Grace
 Battles, Arlene S.
 Baumgardner, Irene
 Baumgartner, Almeda
 Baus, Mary
 Beck, Mary Kathryn
 Becker, Harold D.
 Behling, Grace
 Benjamin, Lucy Octavia
 Bernard, Evelyn
 Berndt, Leah G.
 Berns, Karl H.
 Blackburn, Helen P.
 Blair, Alice V.
 Bockstahler, Cora V.
 Bonfils, Armande
 Boyd, Helen
 Boyden, Floribel
 Bradford, Bertha B.
 Brady, Mae
 Brimberry, Ethel
 Britton, Carl T.
 Brown, Donald W.
 Brown, Lucylle L.
 Brown, Rebecca R.
 Brown, Roy E.
 Bucher, Elaine Dorothy
 Bunker, Loomis Oscar
 Burgess, Bernadette J.
 Burr, Irma
 Buswell, Nellie
 Butterworth, Mary E.
 Campbell, Irene
 Campbell, Jean Maebelle
 Carey, Lila
 Carleton, Clayton H.
 Castle, Harry M.
 Chamberlin, Gertrude
 Chambers, Auten R.
 Chenot, Bertha S.
 Chenot, Helen E.
 Cherry, Lee Wm.
 Clapper, D. W.
 Clapper, Mildred
 Clark, Evelyn
 Clark, Gertrude
 Clark, Sara F.
 Clemenson, E. M.
 Colclough, Grace
 Cole, Clarence Earl
 Coleman, Hubert A.
 Constiner, Miriam
 Cooley, Helen Grace
 Cooper, Lois Genevieve
 Cramer, Edna B.
 Crano, Rose Martha
 Crave, Dorothy M.
 Curfman, Bessie
 Daugherty, Isaiah
 Dean, Iwanhoe V. Puckett
 DeLine, Helen
 Denning, Eugene B.
 Derer, Gustav
 Derrig, Dorothea
 Dettling, Dorothy M.
 Dice, Dorothea E.
 Dicken, Ethel G.
 Dieckman, Florence
 Diehl, Lottie N.
 Dietz, Helen Josephine
 Dillehay, Albert J.
 Dimmette, Chas. L.
 Dirkson, J. W.
 Dittemore, James A.
 Dodge, Winifred
 Dorman, May L.
 Drolsbaugh, Edith C.
 Dyer, Ida
 Earle, Grace L.
 Easton, Frank Carroll
 Eberhard, Theodore
 Ecrement, Lloyd LeRoy
 Edwards, Mayme
 Egbert, Viola
 Emmons, Vera Jane
 Ervin, Berchal
 Etter, Mae
 Evans, Elva B.
 Everhart, Helen
 Fairbanks, Helen
 Fornecker, Helen
 Frase, Alice
 Frase, Mabel
 Frazier, Dorothy
 Frederick, Florence
 Fricker, Agnes
 Garbett, Evelyn
 Garvin, Ellen Tubaugh
 Gerber, Albert J.
 Giroux, Rachel Mayo
 Glanville, Olive
 Glass, Vilma Pauline
 Graham, Bruce
 Grimm, Wilson O.
 Grosvenor, Clifford I.
 Grosvenor, Frances E.
 Gruber, Eunice A.
 Haefele, Pluma
 Hague, Eva Muriel
 Harris, Mary Louise
 Hart, Mrs. Mary
 Hartong, Levi A.
 Hassenfue, Dorothy A.
 Hassenfue, Mary Jane
 Hassler, Doris Janet
 Hauck, Laura N.
 Hawkins, Mrs. Harriet II.
 Hayes, Merlin L.
 Heckart, Mary Trexler
 Hedlund, Margaret K.
 Henry, Helen K.
 Henry, Minnie P.
 Henson, Clarabelle
 Herman, Edward
 Herman, Marguerite
 Heskett, Katharine E.
 Hess, Mildred
 Hill, Clarence F.
 Hill, Florence E.
 Hoskins, Rose Kyle
 Houglan, Allene
 Houser, Mildred F.
 Hughes, Catherine
 Hull, Lois M.
 Inks, Reva Elenor
 Ion, Grace E.
 Irvin, Gladys A.
 Jenkins, Beatrice E.
 Jenkins, Berkley
 Jennings, Dorothy S.
 Johnson, Clarence
 Johnston, Esther Gertrude
 Jones, Glenn S.
 Julien, Marian
 Justice, Audrey B.
 Justice, Erma B.
 Kaczmarek, Pauline Agnes
 Kaufhold, Donald L.
 Kearns, Mary Margaret
 Keifer, Ruth Loretta
 Kelly, Hannah A.
 Kick, Margaret M.
 Kilburn, Ruth
 Kittredge, Lois
 Koontz, Willard B.
 Krager, Lillian G.
 Kunkel, Goldo
 Lansinger, Inga Thelma
 Laube, Myrtle E.
 Lebold, Vivian
 Leeper, Laura A.
 Lewis, Mrs. Lois Doll
 Libis, Robert L.
 Lieuellen, Mrs. Armetha
 Lightfritz, Alma S.
 Lincoln, Mildred H.
 Lind, Pauline
 Linn, Bertha G.
 Ludlam, Eulalia McVan
 Lutz, Wilford I.
 Lynn, Ruby Faye
 Lytle, Belle
 McCacy, Helen K.
 McCoy, Foster L.
 McDougal, John T.
 McDowell, Anna Elizabeth
 McCormick, Mary E.
 McFarlin, Edna
 McKain, Olive P.
 McLaney, Loudell
 McLaughrey, Mary Ann
 McVean, Etta Mina
 Machan, William T.
 Maillard, Mrs. A. L.
 Manelik, M. Harriet
 Marks, Olga Eunice
 Marsh, Marian J.
 Martin, Jene
 Matson, Howard Virgil
 Mead, Irene D.
 Medvin, Jeannette
 Mendelson, Jeanette Clara
 Mengel, Miriam L.
 Mercer, Mrs. Helen D.
 Meyer, Gertrude
 Milar, Elizabeth C.
 Miller, Frank B.
 Miller, Margaret Arlene
 Miller, Margaret H.
 Miller, Marguerite
 Miller, Marie Elizabeth
 Mills, Marian
 Moore, Ruth I.
 Moore, Susan

Motmiller, Neva	Rumbaugh, Lillis F.	Swinehart, Ethel N.
Mowrer, Kathryn	Russell, Lillian	Swinehart, Ruth Lucile
Myers, Edward C.	Ruth, Estelle Fossee	Tapper, Rose
Myers, Mary Elizabeth	Sacks, Bessie L.	Theiss, Dale
Neuzil, Marian Louise	Santrock, Nora A.	Thomas, Esmond
Nickles, Mary Jane	Sarbey, Anne Shirley	Thompson, Mrs. Dorothy
Noble, Helen	Sarlson, Mary I.	Trainer, Mary Grace
Ogier, Mrs. Lois McNeil	Schaenzlin, Ruth E.	Trew, Bessie D.
Otto, Russell J.	Schaufele, Evelyn F.	Trottman, B. G.
Overholt, Thelma A.	Schwary, Grace Irene	Tubaugh, Marie
Owen, Wm. Ralph	Scott, John B.	Tucker, James H.
Packard, Russell L.	Seiler, Frank B.	Vining, Mrs. Mae H.
Parker, Anna Faye	Sellers, Hazel B.	Volk, Marie Agnes
Parker, Harriet J.	Seymour, Ruth W.	Vollmer, Agnes
Parker, Marilla	Shafer, Emilene Mae	Vollmer, Helen
Parr, Viola Lunetta	Sharp, Elsie Mae	Vredenburg, Verena E.
Parshall, Inez	Shields, Edith F.	Wachter, Rose
Pearce, Walter J.	Shorder, Donna E.	Waldsmith, Dorothy Q.
Pease, Mrs. Ruth M.	Shugert, Helen	Walston, Oneta M.
Pees, Mahala	Shugert, Kathryn	Waltz, Ruth Gertrude
Pelfrey, W. O.	Sills, Evelyn	Wassmer, Elsie A.
Pfarr, Frances M.	Simmons, Dorothy	Webb, Dr. Alma C.
Phipps, Florence	Simons, Elizabeth E.	Weilbrenner, Marie
Piehl, H. C.	Simpson, Anna	Wert, Margaret J.
Pierce, Estella Gertrude	Simpson, Mary L.	West, Cora Pauline
Pierson, Louise	Simpson, William C.	Wetsel, Elizabeth
Pittenger, James H.	Simpson, Zelma M.	Whigam, Madge M.
Plane, Mary	Singer, Beatrice E.	Whitehouse, Alonzo L.
Pollock, Phyllis R.	Smead, Elmer E.	Wilkinson, Raymond B.
Potschner, Stella L.	Smith, Carleton F.	Williams, Norma Frost
Powers, Emma D.	Smith, Edward Leland	Wilson, Elizabeth B.
Pratt, Mabel I.	Smith, Florence M.	Wilson, Ethel L.
Purdy, Pauline H.	Smith, Grace B.	Windisch, Pauline Eva
Purnam, Mrs. Grace M.	Smith, Harry A.	Wine, Rose
Pyers, Bessie	Smith, Jessie Grace	Wiper, Mary A.
Quillen, Marian Juanita	Smith, William Andrew	Wise, Eleanor
Rahner, Clarence V.	Snyder, Nelson	Witzeman, Evangeline B.
Reed, Ralph K.	Sorriva, Milo	Wolfe, Erda B.
Reed, Ray Lacy	Spanton, Margaret A.	Woods, Helen Marie
Reichenstein, Selma B.	Sparhawk, Evelyn L.	Woolscroft, Arthur
Replogle, Ward B.	Spuller, Minnie J.	Worrell, Mayme
Richards, Hilda M.	Stahl, Carl E.	Worrell, Virginia Mae
Roberts, Pauline	Steckhan, Charlotte E.	Worth, Grace
Robinson, Euna	Stepfield, Esther	Wright, Dorothy E.
Robinson, Gladys	St. John, Leah	Yarger, Floyd A.
Rockwell, Mrs. Claudia S	Sullivan, Anna L.	Yeo, Burgett Everett
Roetzel, Ruth Louise	Sullivan, Ellen F.	Yonally, Estella Catherine
Roth, Cordelia	Sullivan, Katherine	Zeis, Mrs. Mary
Rothschild, Frances Olga	Sullivan, Nora E.	Zimmerman, Carl
Roush, Carroll J.	Sullivan, William C.	Zimmerman, Paul H.
Roush, Marian F.	Swainhart, Mrs. Vida	Zockine, Sue Winifred

Men 92; Women 286; Total 378.

SUMMARY OF ALL STUDENTS IN THE UNIVERSITY

	Men	Women	Total
Graduate Students	11	23	34
Seniors	70	65	135
Juniors	85	86	171
Pre-Juniors	28	3	31
Sophomores	157	89	246
Freshmen	347	178	525
Irregular Students	33	20	53
Special Students	28	18	46
	<hr/>	<hr/>	<hr/>
Total in Day Sessions	759	482	1241
Total Evening Session	699	630	1329
Total Summer Session (1926)	92	286	378
		<hr/>	<hr/>
		1707	
Less duplicates		335	
		<hr/>	<hr/>
			1372
Enrolled in Class held off the campus			21
			<hr/>
Total net enrollment			2634
Total net enrollment, reduced to full-time student basis, evaluating five part-time (evening and summer) students as equivalent to one full-time student			151.9

DEGREES CONFERRED JUNE 15, 1926

BUCHTEL COLLEGE OF LIBERAL ARTS

BACHELOR OF ARTS

Helen Fulton Averell	Akron	Kenneth A. Mason	Akron
Irene Bear	Akron	Luigi Merlitti	Akron
Gretchen Beck	Akron	Irene Minter	Akron
*Roy Ernest Bennett	Barberton	Hilda Alexandra Moodie	Akron
Enslin Charles Brown	Akron	Myron James Morgenroth	Akron
Dorothy Alice Burge	Akron	Irvin Halstead Nelson	Akron
Laura Elizabeth Cranz	Everett	Eleanor Louise Olmsted	Akron
Frances Alfreda Eastman	Akron	Frances M. Osborne	Akron
Frederic John Eastman	Akron	Thomas Monroe Pitkin	Tallmadge
Murray Albert Figenschier	Akron	Madeleine Egge Ream	Akron
Christiup Lawrence Hansen	Akron	Mary Elizabeth Saal	Akron
Nathan Emery Hodges	Akron	Paul N. Sanderson	Akron
Simon Hurwitz (as of 1925)	Akron	Raymond Willard Shaffer	Akron
John Johnston Kepler	Akron	Joseph Solomon	Akron
Benjamin B. Kreiselman	Akron	Margaret Anne Spanton	Akron
Paul Wilfred Laumann	Akron	Audra Tenney	Akron
Doris Agnes Lawler	Akron	Elizabeth Ann Walker	Akron
Vivian Lebold	Akron	Helen NaDene Wells	Massillon
Mildred Hazen Lincoln	Akron	Madge Mary Whigam	Akron
Harry Leonard Mahoney	Akron		

BACHELOR OF SCIENCE

Roy Boettler	Barberton	Byron Hanly Larabee	Akron
Jesse H. Bond	Akron	Joseph Benjamin Littman	Akron
Louis James Cahill	Akron	John G. MacKinnon	Akron
Howard Irving Cramer	Cuyahoga Falls	Ralph Eugene Rasor	Kenmore
Ruby Elizabeth Hardy	Akron, R. D.	Harold F. Reiter	Akron
Pauline M. Henry	Akron	Ernest James Snyder	Akron
Carl Emil Krill	Akron	Joseph Farrell Weiler	Barberton

MASTER OF SCIENCE

William Clarke Calvert	Miami, Florida	Peter H. Mitchell	Reinbeck, Iowa
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CURTIS SCHOOL OF HOME ECONOMICS

BACHELOR OF SCIENCE IN HOME ECONOMICS

Myrtle W. Cave's	Akron	Edna R. Hunsicker	Akron
Helen Elizabeth Dannemiller	Akron	Leah Almira Minner	Akron
Louise Hencke	Willoughby	Dorothy Gladys Peck	Kent
Audree Alice Hubbard	Akron	Mary Irene Snook	Cuyahoga Falls

COLLEGE OF ENGINEERING AND COMMERCE

CIVIL ENGINEER

Harold Charles Hoch	Akron	Raymond William Petrie	Akron
William McKinley Javins	Akron	Leonard Louis Scharenberg	Everett
Oscar C. Limbach	Akron	Richard F. Snyder	Williamsport, Pa.
Levi Alexander MacDonald	Canada		

INDUSTRIAL ENGINEER

Harold L. Britsch	Akron	Philip Leo Hartz	Akron
Paul Greenwood Hamp	Kenmore	Richard Leo Qualters	Athol, Mass.

BACHELOR OF SCIENCE IN COMMERCE AND ADMINISTRATION

James L. Cutler	Akron	Esther Helen Schultz	Akron
Kenneth Sweeny Denison	Akron	Herbert Sutton Shinn	Passaic, N. J.
Robert Frederick Hagenbaugh	Akron	Ralph Kroehle Smith	Akron
Howard R. Lansinger	Akron		

*In Combination Arts-Law Course with University of Alabama.

THE TEACHERS COLLEGE

BACHELOR OF EDUCATION

Hilda I. Bender	Akron	Helen Mae Miller	Akron
Ruth Julia Bradley	Akron	B. Sidney Miller	Akron
Daisy Irene Brubaker	Akron	Margaret Hettie Morar	Akron
Esther Jane Crankshaw	Akron	Mary Elizabeth Myers	Akron
Lillian Cunningham	Akron	Ruth Josephine Palmer	Akron
Mildred Denison	Akron	Velma Mae Pomeroy	Akron
Esther B. Dunford	Akron	Gwendolyn Quigley	Akron
Anna Ellis	Akron	Mary Malissa Reason	Akron
Margaret Fulton	Akron	Mildred Hannah Roberts	Akron
Halcyon Olin Harper	Akron	Celia Sapp	Akron
Marjory Hassenflue	Akron	Luella Sophia Schmidt	Akron
Pauline M. Henry	Akron	Elsa Kathryn Shafer	Akron
Josephine Hinsdale	Akron	Ralph Newton Shafer	Akron
Grace Hirleman	Greeley, Colorado	Dorothy Triplett Smith	Akron
Mary E. Hosler	Akron	Virginia June Smith	Akron
Leona Jeannette Juergens	Akron	Richard Edmond White	Springfield
Mildred Kathryn Knoske, Cuyahoga Falls		Sara Burke Wilkinson	Akron
Daisy Melvin Kuhnes	Akron	Laura Williams	Akron
Gladys Elizabeth Leonhard	Akron	Margaret Miller Wolcott	Akron
Ruth Randolph Meier	Akron	Randall Blair Young	Akron

MASTER OF ARTS IN EDUCATION

Esther Shirley Burrell	Akron	Dora Nice Harper	Akron
Ruth Florence Dawson	Akron	Harold Stanley Mong	Akron
Clara Rosella Donaldson	Kenmore	Edward A. Schwinn	Barberton
Laura Hines Emde	Akron	Lula Henrietta Smith	Akron
Russell Leroy Fouse	Akron	Clark Montgomery Snyder	Akron

MASTER OF SCIENCE IN EDUCATION

Walter Robert Couch	Akron	Robert Lisle Roose	Barberton
Arthur Freeder	Kenmore	Thomas Baldwin Santom	Akron
Frances Alice Hoover	Akron		

MASTER OF EDUCATION

Adrial Vernon Cook	Akron	Elmer G. Hinkle	Akron
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1926 ASSEMBLY SPEAKERS AND ENTERTAINERS

- JANUARY 8..... Rabbi David Alexander.
 JANUARY 15..... Mr. Robert E. Lee.
 FEBRUARY 5..... Miss Katharine M. Reed—"European Experiences."
 FEBRUARY 12..... Reverend J. E. Wolfe of the West Congregational Church.
 FEBRUARY 19..... Judge A. F. O'Neil.
 FEBRUARY 26..... Mr. Arden E. Hardgrove, Superintendent of the City Hospital.
 MARCH 5..... Reverend Lloyd C. Douglas—"Experiences Abroad."
 MARCH 12..... Mr. William Strassner of Canton, Ohio.
 MARCH 19..... Tel-Buch Association.
 MARCH 26..... Philomel Quartet of the First Congregational Church.
 APRIL 9..... Dramatic Study Club—"Neighbors."
 APRIL 16..... Mr. R. K. Crawford.
 APRIL 23..... Dr. A. B. Plowman—"Arbor Day."
 APRIL 30..... Mrs. Malcolm McBride of Cleveland—"Citizenship and Social Legislation."
 MAY 7..... Mr. Herbert L. Seamans, State Secretary of Y. M. C. A.
 MAY 14..... Mr. "Bob" Hall—Keith-Albee Theatre.
 MAY 21..... Dr. Charles Baker Wright, Class of '80.
 MAY 29..... Tree Day program.
 JUNE 15..... Dr. Frank P. Graves, Commissioner of Education of the State of New York.
 JUNE 24..... President George F. Zook—"The Objectives of a College Education."
 JULY 1..... Superintendent George E. McCord—"An Increment to Teaching Power."
 JULY 8..... Mr. William McAndrew, Superintendent of Schools of Chicago—"Our Ancient Law."
 JULY 15..... Musical program by Chalmers Art Trio.
 JULY 22..... Dean H. C. Minnich, Miami University—"Functioning Features of the State System of Schools."
 JULY 29..... Program by the Department of Vocal and Dramatic Expression directed by Miss McEbright.
 OCTOBER 1..... Mrs. Philip Chapin Jones—"France."
 OCTOBER 15..... Keith-Albee Entertainers.
 OCTOBER 22..... Dean A. I. Spanton—"Touring England."
 OCTOBER 29..... Mrs. Ruth Neely France, representing the Ohio Newspaper Women's Association.
 NOVEMBER 5..... Mr. J. Parker Lowell of the Times-Press.
 NOVEMBER 12..... Dean Elizabeth A. Thompson—"Armistice Day."
 NOVEMBER 19..... Mr. C. K. Matson—"What should the Student get out of College Life?"
 DECEMBER 3..... Mr. Adib Karam, '24, and James Matz, '24—"Our Trip Around the World."
 DECEMBER 10..... The Dramatic Study Club—"The Travelers."

PRIZES AND HONORS

ASHTON PRIZES

No Ashton Prize Contests were held during the year 1925-1926.

THE SENIOR ALUMNI PRIZE

The Senior Alumni Prize was awarded to Irene Bear.

THE TOMLINSON PRIZES

The Tomlinson Prizes were awarded to the following students: Mary Elizabeth Saal, '26, first prize; Donald Bishop, '28, second prize.

THE ELIZABETH A. THOMPSON CUP

The winner of the Cup for 1925-26 was Central High School.

THE JOHN R. BUCHEL CUP

The winner of the John R. Buchtel Cup for 1925-26 was East High School.

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. The winner of the third cup for 1925-1926 was Central High School.

PHI SIGMA ALPHA

The students elected to membership in the Phi Sigma Alpha Fraternity from the Senior class of 1926 were Irene Bear, Joseph Weiler, Helen Wells, Margaret Spanton, Thomas M. Pitkin, John MacKinnon, Howard I. Cramer, Mildred H. Lincoln, Murray A. Figenschel, and Vivian Lebold.

SIGMA PI EPSILON

The students elected to membership in Sigma Pi Epsilon from the class of 1926 were Irene Brubaker, Velma Pomeroy, Anna Ellis, Helen M. Miller, and Mildred Denison.

HONORS COURSE STUDENTS IN THE CLASS OF 1926

Thomas Monroe Pitkin, in History: Thesis, "The Whig Party, a Study in Political Futility."

Roy Boettler, in Physics: Thesis, "A Study of the variation of the contact potential of zinc in solutions of zinc sulphate and of zinc chloride."

Howard Lansinger, in Commerce and Administration: Thesis, "Estimating material costs for frame construction."

THE UNIVERSITY OF AKRON ALUMNI ASSOCIATION

OFFICERS OF THE GENERAL ASSOCIATION

President.....J. Clarence Frank, '99 2nd Vice-Pres.....C. C. Carlton, '04
1st Vice-Pres.....Lucian L. King, '08 Treasurer.....William Knowlton, '21
Alumni Secretary, Edith Grace Cray, '23

EXECUTIVE COMMITTEE

C. R. Olin, '85; H. E. Simmons, '08; Edith Grace Cray, '23;
J. Clarence Frank, '99; William Knowlton, '21

ALUMNI BOARD OF TRUSTEES

Term Expires, June, 1927	Term Expires, June, 1928
Mrs. Grace Cronan, '00	Dr. A. A. Kohler, '89
Mrs. A. G. Partridge, '01	Hal Knight, '06
Miss Clara Brouse, '06	Lucian L. King, '08
Leroy Barnette, '14	Harold Sours, '16

Term Expires, June, 1929
H. E. Simmons, '08
Miss Beatrice Sumner, '08
Charles Jahant, '09

ASSOCIATION BRANCHES

Chicago—President, Mrs. C. B. Owen, '14, 5426 Ellis Ave.
Cleveland—President, Howard Spangler, '06, 9990 Euclid Ave.
Columbus—President, Dana F. Reynolds, '05, 514 Rowlands Bldg.
Kent—President, J. C. Carlin, '21, 307 N. Lincoln St.
New England—President, Harry Karnaghan, ex-'09, 185 Albany St., Cambridge, Mass.
New York—Secretary, Mrs. Mark Jones, '13, 174 Prospect St., East Orange, N. J.
Michigan—President, W. P. Putnam, '93, 554 Bagley St.
Pittsburgh—President, Helen Kepler, '19, Homeopathic Hospital.
Southern California—President, Dr. W. L. Hardin, '93, 4171 Central Terrace, Mt. Washington, Los Angeles, Cal.
Washington, D. C.—President, Walker Buel, ex-'11, 611 Albee Bldg.

THE "A" ASSOCIATION

The Varsity "A" Association is the alumni athletic organization at the University. All "A" Association members are also members of the General Alumni Association.

President.....Leroy Barnette, '14 Vice-Pres.....Charles Weeks, ex-'14
Sec'y-Treas.....Carl Leffler, '23 Membership.....Charles Pfahl, '20

ALUMNI ASSOCIATION

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 general vote. 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 1,136 students.

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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