

Prof. R. H. Schmidt

Desk copy
The

UNIVERSITY OF AKRON

AKRON, OHIO

JULY, 1928

GENERAL CATALOG

AND

ANNOUNCEMENTS FOR 1928-1929



1. Admission
2. \$5 deposit
3. Registration card
4. Classification slips
5. Class card
6. Freshman Week section
7. Practice test

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THE UNIVERSITY OF AKRON, AKRON, OHIO

The
UNIVERSITY *of* AKRON

General Catalog
and
Announcements for 1928-1929

PUBLISHED AT AKRON, OHIO, JULY, 1928

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UNIVERSITY CALENDAR

1928

- JANUARY 3, TUESDAY-----Class work resumed in all departments.
- JANUARY 9-13 -----Classification for second semester, all departments
except Co-operative Engineering and Commerce.
- JANUARY 18, WEDNESDAY----Founder's Day.
- JANUARY 23-28 -----Final examinations.
- JANUARY 26, 27 AND 28----Classification for second semester in College of
Engineering and Commerce (Section I).
- JANUARY 27 AND 28-----Registration and classification of new students for
second semester.
FRIDAY, 9 A. M.-4 P. M.
SATURDAY, UNTIL NOON
- JANUARY 28, 30 AND 31----Registration and classification for Evening Ses-
sion for second semester.
9-12 A. M.
1-5 P. M.
6:30-9:30 P. M.
- JANUARY 30, MONDAY, 5 P. M..Registration closes for new students except those
re-entering or transferring from other col-
leges.
- JANUARY 30 AND 31-----Classification for second semester in College of
Engineering and Commerce (Section II).
- JANUARY 31, TUESDAY-----Freshman Program.
- FEBRUARY 1, WEDNESDAY----Second semester begins for all day and evening
sessions.
- FEBRUARY 22, WEDNESDAY--Washington's Birthday—a holiday.
- MARCH 9, FRIDAY-----Sophomore Ashton Prize Contest.
- MARCH 31, SATURDAY-----Easter recess begins.
12:00 NOON
- APRIL 9, MONDAY-----Class work resumed.
- APRIL 9, MONDAY-----Final registration of co-operative students in
College of Engineering and Commerce (Sec-
tion II).
- MAY 17, THURSDAY-----Student elections.
- MAY 18, FRIDAY-----Junior Ashton Prize Contest.
- MAY 30, WEDNESDAY-----Memorial Day—a holiday.

THE UNIVERSITY OF AKRON

- JUNE 4-9 -----Final examinations.
- JUNE 10, SUNDAY-----Baccalaureate exercises.
- JUNE 12, TUESDAY-----Commencement.
- JUNE 18, MONDAY-----Classification for Summer Session in College of
Engineering and Commerce (Section I).
Classification and registration for Summer Ses-
sion in Teachers College.
- JUNE 19, TUESDAY-----Class work begins in Summer Sessions.
- JULY 16, MONDAY-----Classification for Summer Session in College of
Engineering and Commerce (Section II).
- JULY 27, FRIDAY-----Summer Session in Teachers College closes.
- AUGUST 1, WEDNESDAY-----Registration and classification begins for fall se-
mester for new resident and non-resident stu-
dents in all departments of the day session.
- AUGUST 11, SATURDAY-----Summer Session in College of Engineering and
Commerce closes.
- SEPTEMBER 10, MONDAY----Registration and classification for new students,
12:00 NOON except those transferring from other colleges,
closes.
- SEPTEMBER 10-13 INCLUSIVE--Freshman Week, compulsory for all Freshmen
entering in September, 1928.
- SEPTEMBER 14 AND 15-----Registration and classification for upper-classmen
FRIDAY, 8:30 A. M.-4:30 in all departments (Sections I and II in Col-
P. M. lege of Engineering and Commerce).
SATURDAY, UNTIL NOON
- SEPTEMBER 17, MONDAY----Class work begins in all departments of the day
session.
- SEPTEMBER 20, 21 AND 22--Registration and classification for Evening Ses-
THURSDAY AND FRIDAY, sion.
3-5 AND 7-9 P. M.
SATURDAY, 9-12 A. M.;
1-5 AND 7-9 P. M.
- SEPTEMBER 24, MONDAY-----Class work begins for Evening Session.
- SEPTEMBER 27, THURSDAY--Freshman elections.
- NOVEMBER 19 AND 20-----Final registration of co-operative students in
MONDAY AND TUESDAY College of Engineering and Commerce.
- NOVEMBER 21, WEDNESDAY--Class work begins for co-operative students in
Section II.
- NOVEMBER 29, 30, AND
DECEMBER 1 -----Thanksgiving recess.
THURSDAY, FRIDAY AND
SATURDAY
- DECEMBER 14, FRIDAY-----Senior Ashton Prize Contest.
- DECEMBER 21, FRIDAY-----Christmas vacation begins for all departments.
5:00 P. M.
-

1929

- JANUARY 7, MONDAY-----Class work resumed in all departments.
- JANUARY 14-18-----Classification for second semester, all departments
except Co-operative Engineering and Commerce.
- JANUARY 18, FRIDAY-----Founder's Day.
- JANUARY 28 TO FEBRUARY 2-----Final examinations.
- JANUARY 31, FEBRUARY 1
AND 2-----Classification for second semester in College of
Engineering and Commerce (Section I).
- FEBRUARY 4 AND 5-----Classification of Section II.
- FEBRUARY 1 AND 2-----Registration and classification of new students-----
FRIDAY, 9 A. M.-4 P. M. for second semester.
SATURDAY, UNTIL NOON
- FEBRUARY 4, MONDAY-----Registration closes for new students except those
5 P. M. re-entering or transferring from other colleges.
- FEBRUARY 5, TUESDAY-----Freshman Program: payment of fees.
- FEBRUARY 6, WEDNESDAY-----Class work begins for all day sessions.
- FEBRUARY 7, 8 AND 9-----Registration and classification for Evening Ses-
THURSDAY AND FRIDAY sion for second semester.
3-5 P. M. AND 7-9 P. M.
SATURDAY, 9-12 A. M.;
1-5 AND 7-9 P. M.
- FEBRUARY 11, MONDAY-----Class work begins for Evening Session.
- FEBRUARY 22, FRIDAY-----Washington's Birthday—a holiday.
- MARCH 15, FRIDAY-----Sophomore Ashton Prize Contest.
- MARCH 23, SATURDAY-----Easter recess begins.
12:00 NOON
- APRIL 1, MONDAY-----Class work resumed.
- APRIL 15, MONDAY-----Final classification of co-operative students in
College of Engineering and Commerce (Sec-
tion II).
- MAY 16, THURSDAY-----Student elections.
- MAY 17, FRIDAY-----Junior Ashton Prize Contest.
- MAY 24, FRIDAY-----Tree Day.
- MAY 30, THURSDAY-----Memorial Day—a holiday.
- JUNE 10-15-----Final examinations.
- JUNE 16, SUNDAY-----Baccalaureate exercises.
- JUNE 18, TUESDAY-----Commencement.
- JUNE 24, MONDAY-----Classification for Summer Session in College of
Engineering and Commerce (Section I).
Classification and registration for Summer Ses-
sion in Teachers College.
- JUNE 25, TUESDAY-----Class work begins in Summer Sessions.
- JULY 22, MONDAY-----Classification for Summer Session in College of
Engineering and Commerce (Section II).

THE UNIVERSITY OF AKRON

BOARD OF DIRECTORS

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
P. W. LITCHFIELD.....	Term expires 1934
CHALMERS M. HAMILL.....	Term expires 1934
CLETUS G. ROETZEL.....	Term expires 1934

OFFICERS FOR 1928

JOHN W. THOMAS.....	Chairman
B. A. POLSKY.....	Vice-Chairman
C. R. OLIN.....	Clerk

COMMITTEES FOR 1928

<i>Committee on Finance:</i>	POLSKY, PERGRIN, HAMILL.
<i>Committee on Investment:</i>	HYDE, LEE, MRS. AVERELL.
<i>Committee on Buildings and Grounds:</i>	THOMAS, LITCHFIELD, ROETZEL.

ADMINISTRATIVE OFFICERS OF THE UNIVERSITY

GEORGE F. ZOOK, PH. D.....	President of the University
CHARLES R. OLIN, M. S.....	Secretary of the University
GLADYS P. WEEKS.....	Registrar
OSCAR E. OLIN, LL. D.....	Vice-President of the Faculty
ALBERT I. SPANTON, A. M.....	Dean of Buchtel College of Liberal Arts
FRED E. AYER, C. E.....	Dean of the College of Engineering and Commerce
SARAH E. STIMMEL, B. S.....	Director of the School of Home Economics
W. J. BANKES, A. M., Dean of Teachers College and Director of Summer Session	
ELIZABETH A. THOMPSON, A. M.....	Dean of Women
DONFRED H. GARDNER, A. M.....	Dean of Men
FREDERICK S. SEFTON, M. Ed.....	Physical Director
JOSEPHINE A. CUSHMAN, B. L. S.....	Librarian
LOWELL L. HOLMES, S. B.....	Director of the Evening Session
U. S. VANCE, A. B.....	University Editor
R. H. SCHMIDT, A. M.....	University Examiner
MARGARET F. FANNING, A. M.....	Acting Alumni Secretary

GENERAL FACULTY AND OFFICERS OF INSTRUCTION
1927-1928

GEORGE FREDERICK ZOOK, *President of the University*

A. B., A. M., University of Kansas; Ph. D., Cornell University, 1914.
265 Merriman Road

PROFESSORS

FRED E. AYER, *Dean of the College of Engineering and Commerce and Professor of Civil Engineering*

C. E., Lafayette College, 1900.
Tallmadge, Ohio

WALTER J. BANKES, *Dean of Teachers College and Director of Summer Session*

A. M., Clark University; Graduate work, Clark University, 1914-15.
Portage Lakes, Ohio

CHARLES BULGER, *Hilton Professor of Modern Languages*

Ph. B., Buchtel College; A. M., University of Wisconsin, Ph. D., 1925.
74 Mayfield Avenue

EARL WILLIS CRECRAFT, *Professor of Political Science*

Ph. B., Franklin College; A. M., Columbia University, Ph. D., 1915.
688 East Buchtel Ave.

WILLIAM LLOYD DAVIS, *Professor of Economics and Sociology*

Ph. B., University of Wisconsin, Ph. D., 1922; Graduate work, Harvard University, 1923-24; Two six weeks Summer Sessions at Columbia University, 1926 and 1927.
395 Mell Avenue

FRANCESCO B. DELEONE, *Director of Music*

M. Mus., Royal Conservatory of Naples; Honorary Degree, Dana's College of Music, Warren, Ohio.
585 Delaware Avenue

ROSS C. DURST, *Professor of Civil Engineering*

B. S. in C. E., Ohio Northern University, 1915, C. E., 1922.
103 Germaine Ave., Cuyahoga Falls, Ohio

FRED S. GRIFFIN, *Professor of Mechanical Engineering*

M. E., Ohio State University, 1911.
157 Marvin Avenue

GEORGE L. HAYES, *Professor of Psychology*

M. Ed., Edinboro State Normal College; Ph. B., Ohio University; LL. B., Ohio Northern University; A. M., University of Pittsburgh, Ph. D., 1921.
348 North Firestone Blvd.

HARRY F. HAZLETT, *Professor of Military Science and Tactics*

Ph. B., Mount Union College, 1904.
Major, Infantry, U. S. A. (D. O. L.).
53 Hawthorne Avenue

FRED F. HOUSEHOLDER, *Professor of Physics*

B. A., University of Wisconsin, M. A., 1916; Graduate work, Iowa State College, 1917; University of Wisconsin, 1916, 1917, 1921; University of Chicago, 1922.
1209 Berwyn Street

JOHN L. JONES, *Ainsworth Professor of Mathematics*

Ph. B., Lafayette College; M. A., Yale University, Ph. D., 1911.
49 Kathron Avenue, Cuyahoga Falls, Ohio

CHARLES M. KNIGHT, *Professor Emeritus of Chemistry*

A. M., Tufts College; Sc. D., Buchtel College, 1897.
583 Weber Avenue

EMERY L. KUHNES, *Professor of Education*

B. S., Upper Iowa University; Pd. M., New York University, Ph. D., 1915; Graduate work, University of Chicago, 1919.
751 Mercer Avenue

WARREN W. LEIGH, *Professor of Commerce and Business Administration*

B. A., University of Utah; M. B. A., Northwestern University, 1924; Graduate work, Northwestern, 1924-26.
The University Club

THOMAS L. MCJOYNT, *Professor of Co-ordination*

LL. B., MacDonald Educational Institute, 1915; B. C. S., University of Cincinnati, 1920.
318 N. Seventh St., Barberton, Ohio

CHARLES R. OLIN, *Secretary of the University*

B. S., Buchtel College, M. S., 1909.
51 Melbourne Avenue

OSCAR E. OLIN, *Messenger Professor of Philosophy, and Vice-President of the Faculty*

A. M., Kansas State Agricultural College; LL. D., The University of Akron, 1920.
630 Crosby Street

RAYMOND B. PEASE, *Professor of English*

B. A., University of Wisconsin; A. M., Harvard University; Ph. D., Wisconsin, 1921.
840 Chalker Street

AMON B. PLOWMAN, *Professor of Biology*

B. S., Ohio Wesleyan University; A. M., Harvard University, Ph. D., 1905.
346 Crown Street

JOSEPH C. ROCKWELL, *Professor of Latin and Greek*

A. B., Wesleyan University; A. M., Harvard University; Ph. D., Jena University, 1907.
58 Casterton Avenue

FREDERICK S. SEFTON, *Director of Physical Education*

B. S., Colgate University; M. Ed., Harvard University, 1925.
589 Sunset View Drive

HEZZLETON E. SIMMONS, *Buchtel Professor of Chemistry*

B. S., Buchtel College; M. S., University of Pennsylvania, 1912.
331 Beechwood Drive

FACULTY

11

ALBERT I. SPANTON, *Pierce Professor of English and Dean of Buchtel College of Liberal Arts*

A. B., Buchtel College; A. M., Harvard University, 1905.

625 Weber Avenue

SARAH E. STIMMEL, *Director of Curtis School of Home Economics*

B. S., Ohio State University, 1913; Graduate work, University of Chicago, summer of 1913; Columbia University, Three six weeks Summer Sessions, 1923, 1924 and 1925.

161 Melbourne Avenue

ELIZABETH A. THOMPSON, *Professor of History, and Dean of Women*

A. M., The University of Akron, 1911.

283 East Buchtel Avenue

JOHN T. WALTHER, *Professor of Electrical Engineering*

B. S. in E. E., University of Michigan, 1909.

384 Reed Avenue

ASSOCIATE PROFESSOR

HORACE B. HAWTHORN, *Associate Professor of Sociology*

B. S., M. S., Iowa State College; Ph. D., University of Wisconsin, 1921.

254 Falls Street, Cuyahoga Falls, Ohio

ASSISTANT PROFESSORS

HOWARD H. BLAIR, *Assistant Professor of Physical Education*

B. S., Ohio State University; A. M., Columbia University, 1917.

1416 Delia Avenue

MAXWELL P. BOGGS, *Assistant Secretary*

A. B., Muskingum College, 1924.

872 Oakland Avenue

MERL LOUIS BRODERICK, *Assistant Professor of Military Science and Tactics*

Captain, U. S. A., Infantry (D. O. L.).

283 Greenhut St., Cuyahoga Falls, Ohio

JOHN W. BULGER, *Assistant Professor of Civil Engineering*

B. C. E., Ohio Wesleyan University, 1918.

368 Sherman Street

WALTER A. COOK, *Assistant Professor of Chemistry*

B. A., University of Cincinnati, 1921, M. A., 1922, Ph. D., 1924.

463 Carroll Street

ROLLAND D. FOX, *Assistant Professor of Bacteriology*

B. S., The University of Akron, M. S., 1923; Director of the Division of Laboratories, Akron Health Department.

899 Stadelman Avenue

DONFRED H. GARDNER, *Assistant Professor of History, and Dean of Men*

A. B., Princeton University, 1922; A. M., 1923.

841 Merriman Road

WALTER A. GILMOUR, Assistant Professor of Co-ordination

B. S. in C. E., Norwich University, 1914.

861 Aberdeen Street

EDMUND L. GREGORIE, Assistant Professor of Military Science and Tactics

First Lieutenant, U. S. A., Infantry (D. O. L.).

264 West Market Street

CHARLES A. HALLENBECK, Assistant Professor of Political Science

B. A., Rutgers College; M. A., New York University, 1917; Graduate work, New York University, 1922-23; Columbia University, eight weeks Summer Session, 1924; Residence requirements for Ph. D. at New York University completed.

358 Northampton Ave., Cuyahoga Falls, Ohio

LOWELL L. HOLMES, Assistant Professor of Commerce and Business Administration

S. B. in Engineering Administration, Massachusetts Institute of Technology.

624 Ecton Road

WALTER C. KRAATZ, Assistant Professor of Zoology

B. A., University of Wisconsin; M. A., Ohio State University, Ph. D., 1923.

957 Mercer Avenue

KATHARINE M. REED, Assistant Professor of Modern Languages

B. A., Newcomb College; M. A., Tulane University; Graduate work, Columbia University, six weeks; Three months at the Sorbonne, Paris, 1925-26.

900 Elmore Avenue

AIMAR H. ROLLEFSON, Assistant Professor of Physics

B. A., University of Wisconsin; M. A., 1926; Final examination for Ph. D., February, 1928.

The University Club

WILLIAM H. ROWE, Assistant Professor of Commerce and Business Administration.

A. B., University of Michigan; M. S., Kansas State Agricultural College, 1926; Graduate work, 1927.

576 Carroll Street

ERNEST F. SCHAEFER, Director of Bureau of City Tests, and Assistant Professor of Chemistry.

B. E. M., Ohio State University.

520 Storer Avenue

RICHARD H. SCHMIDT, Assistant Professor of Chemistry

A. B., Wesleyan University; M. A., Columbia University, 1915; Graduate work, 1915-16.

Liberty Road, Stow, Ohio

P. O., R. D. 3, Kent, Ohio

RODNEY A. SLAGG, Assistant Professor of Botany

B. A., University of Wisconsin, M. S., 1924; Graduate work, five semesters and three six weeks Summer Sessions, 1925-1927.

111 Hamilton Avenue

CLARENCE R. UPP, *Assistant Professor of Mechanical Engineering*

M. E., Ohio State University, 1910.

888 Oakland Avenue

INSTRUCTORS

*DAVID E. ANDERSON, *Instructor in Chemistry*

A. B., Augustana College; M. S., University of Chicago, 1923.

358 Northampton Avenue, Cuyahoga Falls, Ohio

MRS. JANE S. BARNHARDT, *Instructor in Art*

Student, Buchtel College Art School, three years; Boston School of Design, one year; Cleveland School of Art, one year; Art Students League of New York, one year; Candidate for B. E. degree, University of Akron, June, 1928.

283 East Buchtel Avenue

J. GARFIELD CHAPMAN, *Part-time Instructor in Violin*

Director of the Violin Department, The Cleveland School of Music since 1919.

3101 Prospect Avenue, Cleveland, Ohio

HOWARD M. DOUTT, *Part-time Instructor in Secretarial Science*

Three years collegiate training.

1921 Goodyear Blvd.

SARAH E. DUNCKLEY, *Instructor in Physical Education*

Graduate, New Haven School of Gymnastics, 1915; B. S., The University of Akron, 1923.

390 Berry Avenue

RONALD J. DUSHINSKE, *Instructor in Mechanical Drawing*

B. E. in M. E., University of Iowa, 1925.

576 Carroll Street

†MARGARET FLORENCE FANNING, *Instructor in Modern Languages*

A. B., The University of Akron; A. M., Radcliffe College, 1926; Graduate work, University of Toulouse, France, 1926-27.

1241 Delia Avenue

OMER R. FOUTS, *Instructor in Physics*

A. B., Wittenberg College; A. M., Ohio State University, 1925; Graduate work, one quarter, 1927.

47 Franklin Street

ROSALIND FREEDLANDER, *Instructor in English*

B. S., in Home Economics, B. A., The University of Akron; A. M., Columbia University, 1924.

23 Twin Oaks Apartment

DONALD RALPH GOODELL, *Instructor in English*

B. S., Kenyon College, M. A., 1923; Graduate work, Ohio State University, 1923-24.

484 Vine Street

*On leave the first semester, 1927-1928.

†First semester, 1927-28; part-time instructor second semester.

ROSE E. GOODMAN, *Part-time Instructor in Mathematics*

A. B., Otterbein College; A. M., Ohio State University, 1927.

1154 Johnston Street

RUSSELL J. GREENLY, *Instructor in Industrial Teacher Training*

Graduate, Williamson Trade School; Student, University of Pennsylvania five years.

361 Carroll Street

FLORA G. HOOVER, *Instructor in Education*

B. A., Michigan State Normal College, 1920; Graduate work, University of Akron, 1923-24; Michigan State Normal College, six weeks Summer Session, 1913.

215 East Market Street

MIMI IDA JEHLÉ, *Part-time Instructor in German*

Diploma, University of Nancy, France.

397 Brown Street

†CLARA M. KEMLER, *Director of Kindergarten-Primary Training*

A. M., Wittenberg.

DAVID KING, *Instructor in Political Science*

A. B., Maryville College; A. M., University of Chicago, 1925; Graduate work, University of Chicago, 1926-27.

343 Carroll Street

STEVE KISH, *Instructor in Military Science and Tactics*

Sergeant, U. S. A. (D. O. L.)

375 E. 124th St., East Cleveland, Ohio

ELIZABETH A. LATHROP, *Instructor in Home Economics*

B. S., Columbia University, 1926; A. M., 1927.

186 South Union Street

MISS WILL H. LIPSCOMBE, *Instructor in Mathematics*

B. S., Florida State College; M. S., Ohio State University, 1926.

996 Dayton Street

CARITA MCEBRIGHT, *Instructor in Speech*

A. B., Cornell University, 1887. Emerson College of Oratory, 1895; American Academy of Dramatic Art, New York, six weeks, 1924; Two four weeks Summer Sessions on Shakespeare with Robert Mantell, 1925 and 1926.

396 East Market Street

*MRS. MILDRED B. MAREK, *Instructor in Chemistry*

B. A., University of Texas; M. A., The University of Akron, 1927.

331 Spicer Street

ORVILLE J. MARSH, *Instructor in Commerce and Administration*

A. B., Harvard University, 1922. Graduate work, University of Chicago, four quarters.

188 Eureka Court

HENRY METZGER, *Instructor in Military Science and Tactics*

Master Sergeant, U. S. A., Retired.

307 Grace Avenue

†Service begins April 2, 1928.

*First semester, 1927-28.

MARJORIE MITCHELL, *Instructor in English*

A. B., Western Reserve University; A. M., Radcliffe College, 1923; Graduate work, Radcliffe, six weeks Summer Quarter, 1924.

951 Amelia Avenue

JULIA M. REGER, *Instructor in Mathematics*

B. A., University of Iowa, M. S., 1926; Graduate work, University of Chicago, six weeks Summer Quarter.

495 East Buchtel Avenue

EDGAR C. ROBERTS, *Instructor in English*

B. S. in Educ., Ohio State University, M. A., 1924.

349 Carroll Street

MABEL JANE ROGERS, *Instructor in Modern Languages*

B. A., Western Reserve University, M. A., 1922; Graduate work, Madrid, four weeks, Summer Session, 1923; Western Reserve Summer Sessions, 1925 and 1926.

283 East Buchtel Avenue

SAMUEL SILBERFARB, *Instructor in Mathematics*

A. B., University of Manitoba, A. M., 1926; Graduate work, University of Chicago, 1926-27.

276 Gordon Drive

HARRY A. SMITH, *Instructor in Physical Education*

Chicago School of Physical Education; Candidate for B. E. Degree at University of Akron, June, 1928.

898 Peckham Street

PAUL C. SMITH, *Instructor in Electrical Engineering*

B. S. in E. E., Purdue University, 1917.

179 Ido Avenue

NELSON S. SNYDER, *Instructor in Education*

A. B., Mount Union College; A. M., University of Akron, 1927.

445 East Buchtel Avenue

CLIFFORD STICKNEY, *Instructor in English*

B. A., University of Illinois, 1925; M. A. pending completion of thesis in 1928.

50 South Balch Street

WILLIAM E. STRASSNER, *Part-time Instructor in Band and Voice*

Round Lake Summer Sessions; Chicago Musical College; Skidmore School of Arts; DeReszki-Seagle School; Director of Thayer Military Band of Canton since 1904.

703 4th Street, N. W., Canton, Ohio

*HENRI TAILLIART, *Instructor in Modern Languages*

Baccalaureate Moderne, France.

2820 Kentucky Avenue, Kenmore, Ohio

ULYSSES S. VANCE, *Instructor in Journalism, and University Editor*

A. B., University of Iowa, 1923.

231 Crosby Street

*On leave first semester.

THE UNIVERSITY OF AKRON

PART-TIME INSTRUCTORS, ASSISTANTS AND LECTURERS

- CLARENCE J. BLILEY, *Assistant Football Coach*
A. B., The University of Akron; LL. B., Western Reserve University, 1926.
850 Kenyon Street
- CARL BRODT, '28, *Summer (1927) Assistant in Bureau of City Tests*
382 Buckeye Street
- CHARLES W. HALL, M. A., *Instructor in Real Estate*
573 Glendora Avenue
- JAMES W. HARRAH, A. B., LL. B., *Instructor in Business Law*
975 Chalker Street
- GEORGE E. HILE, B. A., *Instructor in Accounting*
919 Lawton Street
- JOSEPH S. KOLP, *Assistant in Physical Training*
1413 Honodle Avenue
- NAT LEWERS, *Instructor in Advertising*
1203 Lexington Avenue
- CHARLES LEWIN, *Assistant in Bureau of City Tests*
19 North 10th Street, Kenmore Ohio
- CHARLES F. MARSHALL, *Instructor in Purchasing and Storing*
Barberton, Ohio
- LUTHER A. PARK, A. B., A. M., *Instructor in Business Law*
889 Fried Street
- WILBUR D. PEAT, *Lecturer in Art*
Director of the Akron Art Institute
514 Barwell Street
- ESTHER SHAW, *Assistant, Chemistry Laboratory*
507 Vine Street
- LEWIS C. TURNER, *Instructor in Business Speaking*
572 Crosby Street

LIBRARY STAFF

- JOSEPHINE A. CUSHMAN, *Librarian*
Ph. B., The University of Akron; B. L. S., University of Illinois, 1919.
517 Crosby Street
- *RENA B. FINDLEY, *Associate Librarian*
Chautauqua Summer Course, 1908; Certificate, Simmons College, Summer Library
Course, 1910.
32 South Adolph Avenue
- **HARRIETT ELIZABETH BACHTEL, *Assistant Librarian, Summer, 1927*
B. S. in Home Economics, The University of Akron, 1925.
102 Merriman Road

*On leave February, 1928, for several months.

**Resigned, September 1, 1927.

ETHEL S. KLAHRE, *Summer (1927) Assistant*
A. B., The University of Akron, 1927.

881 Berwyn Street

MATILDE LOWERY, *Assistant Librarian*

One year Carnegie Library School, Pittsburgh, Pa.; One summer at Pennsylvania State College; Student at the University of Akron.

492 Vine Street

RUTH BARBER, *Assistant Librarian*

B. S., Western Reserve University, 1926; Certificate, School of Library Science, Western Reserve, 1927.

38 South Adolph Avenue

VIVIEN JANE MCCARTHY, *Assistant Librarian*

Certificate, Tuscarawas County Normal School, 1923; Diploma, Chautauqua School for Librarians, 1927.

38 South Adolph Avenue

REGISTRAR'S STAFF

GLADYS P. WEEKS, *Registrar*

Two years collegiate work, The University of Akron.

565 East Buchtel Avenue

EBBA LARSON, *Assistant Registrar*

655 East Buchtel Avenue

AUDRA TENNEY, *Assistant*

A. B., The University of Akron, 1926.

754 Glendora Avenue

FELLOWS IN CHEMISTRY

OTIS D. COLE, A. B., *Nebraska Wesleyan University*

The Firestone Tire and Rubber Company

GABRIEL G. BALAZS, B. S., *University of Wisconsin*

The Goodyear Tire and Rubber Company

FELLOWS IN EDUCATION

†MRS. PANSY STALEY KINCAID, A. B., *George Washington University*

339 Spicer Street

ROBERT F. NEUWIRTH, B. A., *Ohio University*

214 Carroll Street

PUBLIC SCHOOL OFFICERS AND TEACHERS CO-OPERATING WITH TEACHERS COLLEGE

GEORGE E. MCCORD, A. B., *Wittenberg College*; A. M., *Columbia*

University ----- *Superintendent of Schools*

MRS. MARGARET Z. BREWSTER, B. Educ., *The University of Akron, 1925*

----- *Director of Kindergarten Courses*

CARL T. BRITTON, B. Educ., *The University of Akron, 1927*---

----- *Principal, Mason Observation School*

†Part-time instructor in Psychology, second semester.

RENA CABLE.....	<i>Instructor in Art Education</i>
LILLIAN CHRISTENSEN.....	<i>Instructor in Public School Music</i>
J. C. CHENOT, A. B., <i>Principal of Spicer School</i>	<i>Instructor in Education</i>
R. H. ERWINE, A. M., <i>Assistant Superintendent of Schools</i>	<i>Instructor in Education</i>
LILLIAN HENDERSON, B. S. in Educ., <i>University of Illinois, 1927; Graduate work, eight weeks Summer Session, University of Illinois, 1927</i>	<i>Instructor in Public School Music</i>

CRITIC TEACHERS

MARGARET BARTSHE.....	<i>Auditorium</i>
RUTH J. BRADLEY, B. E.....	<i>High School English and History</i>
IRENE BRUBAKER, B. E.....	<i>First Grade</i>
HARRIET CALLOW.....	<i>Kindergarten-Primary</i>
FERN CARTER.....	<i>High School Home Economics</i>
FLORENCE CHESNUTT.....	<i>Kindergarten-Primary</i>
ELIZABETH FEATHER.....	<i>Auditorium</i>
NELLIE D. FISHER, M. S.....	<i>High School Biology</i>
HELEN FRENCH, B. A.....	<i>High School French</i>
MAE FULLER.....	<i>First Grade</i>
CLARA GOSS.....	<i>Elementary Physical Education</i>
A. J. GERBER, M. A.....	<i>High School Mathematics</i>
BERTHA GUGLER.....	<i>First and Second Grades</i>
MARION PALMER HARDING, A. B.....	<i>Fourth, Fifth and Sixth Grades</i>
H. M. HORST, Ph. B.....	<i>High School History</i>
KATHERINE KING.....	<i>Kindergarten-Primary</i>
VESTA LEIGHT.....	<i>Elementary Art</i>
WILLIAM LOEBER.....	<i>High School Physical Education</i>
GENEVA MCCOID, A. B.....	<i>High School Spanish</i>
MRS. WINIFRED MABRY.....	<i>High School Physical Education</i>
EMMA MITCHELL, B. E.....	<i>Art</i>
S. B. MOUL, B. S.....	<i>High School Chemistry</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.....	<i>First, Second and Third Grades</i>
VELMA POMEROY, B. E.....	<i>Elementary Physical Education</i>
ANNE RAYNOW, B. E.....	<i>Third, Fourth and Fifth Grades</i>
HARRY E. REED.....	<i>High School Commercial Subjects</i>
HAZEL SELLERS.....	<i>Literature</i>
MRS. ELSA SHAFER, B. E.....	<i>High School Physical Education</i>
MRS. EVELYN SILLS.....	<i>Music</i>
NORMA WILLIAMS, M. A. Educ.....	<i>High School English</i>

STUDENT ASSISTANTS

IN BIOLOGY Harold Cassidy Russell Rice Clarence Witzberger	IN POLITICAL SCIENCE James Alpeter
IN BUREAU OF CITY TESTS Preston Bergin	IN MODERN LANGUAGES Flora Bump Winifred Cross Mary Mostenic Juliette Parenti
IN BUSINESS ADMINISTRATION Maurine Chapin	
IN ENGLISH Helen Cockrell Panola Coulter Ruth Johnson Pauline Lang Mareta Schiller Olive Thornton	IN TEACHERS COLLEGE Alice Hannah Ada Mason Grace Morse Mary Nathanson Rose Wine
IN JOURNALISM Sherrill Leonard Ruth Romweber Jerome Taylor	TO DEAN OF MEN Dorothy Roeger
IN HISTORY Ruth K. McPeake Florence Zepp	IN THE LIBRARY Julia Averell Elma Brenner Raymond E. Bitter Nellie Croft Merlin Hayes Frances Preston Elliott Shuman Ruth Trommer Frank Whiteman
IN MATHEMATICS Belle Fuller	
IN PHYSICS Stanley Shondell	

COMMITTEES OF THE GENERAL FACULTY

1927-1928

EXECUTIVE

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

ADMISSIONS

SCHMIDT, SPANTON, BANKES, STIMMEL, AYER

CLASSIFICATION

- Buchtel College of Liberal Arts:* CHARLES BULGER AND HEADS OF DEPARTMENTS
- College of Engineering and Commerce:* CHARLES BULGER, AYER, MCJOYNT AND DEPARTMENT HEADS
- Curtis School of Home Economics:* CHARLES BULGER, STIMMEL, LATHROP
- Teachers College:* CHARLES BULGER, BANKES AND ALL MEMBERS OF THE TEACHERS COLLEGE FACULTY
- Evening Session:* HOLMES, BANKES, HAYES, KUHNES, AND HEADS OF DEPARTMENTS IN THE LIBERAL ARTS COLLEGE AND THE COLLEGE OF ENGINEERING AND COMMERCE

THE UNIVERSITY OF AKRON

PUBLIC SPEAKING

MCEBRIGHT, CRECRAFT, DURST, SNYDER

SOCIAL

THOMPSON, GREGORIE, REED, HALLENBECK, GILMOUR, HARRY SMITH,
MITCHELL, REGER

HOLIDAY OBSERVANCE

BRODERICK, REED, DELEONE, BARNHARDT, DUNCKLEY, MARSH,
MRS. MAREK, BLAIR, AND CLASS ADVISERS

ATHLETICS

AYER, C. R. OLIN, SEFTON, BLAIR, HAZLETT

STUDENT AFFAIRS

(Council, Elections, Advisers, etc.)

SIMMONS, ROGERS, HAYES, GRIFFIN, JOHN BULGER, SLAGG, SILBERFARB

LIBRARY

PEASE, CUSHMAN, FINDLEY, KRAATZ, LEIGH, KUHNES, MCJOYNT

SCHOLARSHIP AND HONORS

ROCKWELL, STIMMEL, KUHNES, HAWTHORN, JONES, GOODELL, ROLLEFSON

EXTENSION LECTURES

HOLMES, SIMMONS, HAYES, DURST, WALTHER

UNIVERSITY ASSEMBLY

PAUL SMITH, FOUTS, ROBERTS, KING, STICKNEY

EXAMINATIONS

HAYES, BANKES, O. E. OLIN, PEASE, AYER, COOK, J. BULGER, KUHNES,
ROWE

FACULTY REPRESENTATIVES FOR UNIVERSITY ACTIVITIES

FRESHMAN CLASS	-----	SCHMIDT
SOPHOMORE CLASS	-----	SIMMONS
JUNIOR CLASS	-----	HOUSEHOLDER
SENIOR CLASS	-----	PLOWMAN
WOMEN'S LEAGUE AND WOMEN'S CLUB ROOMS	-----	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. All engineering courses are on the co-operative basis. Commerce courses are on the co-operative basis and also the full-time basis. A certificate course and a four-year secretarial course are offered.

Five years of eleven months each are required to complete an engineering 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.

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 university 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 27,000 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 and known as Phillips Hall. 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 honorable dismissal from other colleges or universities, or if over twenty-one years of age, as special students not in candidacy for a degree.

ENTRANCE REQUIREMENTS

The 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

Registration and classification of Freshman students in all departments will begin on August 1 and will be continuous until Monday, September 10, 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.

FRESHMAN WEEK

The University of Akron in 1926 adopted a plan to aid the Freshman in adjusting himself to university life. The week preceding the opening of the regular sessions is devoted to a program

consisting of a general assembly, tests, physical examination, lectures, payment of fees, and concluding with a mass meeting and entertainment. At the time of registration each student is assigned to a section and with the guidance of an adviser carries out the schedule as outlined by the Director of Freshman Week.

For the first semester, 1928-29, all entering Freshmen are required to report at 1 p. m. on Monday, September 10, and attend all sessions of the week, Monday to Thursday inclusive.

For the second semester, only one day, Tuesday, February 5, 1929, will be devoted to a Freshman program.

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.

REGISTRATION DAYS

The registration days for upper classmen for 1928-29 are:

Day Session in all departments of the University, September 14 and 15, Friday, 8:30-5:00, and Saturday until noon for the first semester, and for the second semester January 14 to 18 with final registration and classification on February 4 and 5.

Evening Session, September 20, 21 and 22, 3-5 and 7-9 p. m. for the first semester; February 7, 8 and 9, 3-5 and 7-9 p. m. 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 semester hours for high school work, provided it results in a full credit in semester 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 who have not fulfilled the entrance requirements, and who are 21 years of age or more, are known as special students. Such students are not admitted in candidacy for degrees, but are permitted to enter any classes for which they may be prepared.

IRREGULAR STUDENTS

Students who have fulfilled the entrance requirements, but who are not pursuing a regular course in candidacy for a degree, are known as irregular students.

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 in General Catalog.

SUBJECTS ACCEPTED FOR ADMISSION

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

English	3	or 4	units
History, Social Sciences and Civics (not more than 4 units in all)			
Adv. U. S. History	$\frac{1}{2}$	or 1	unit
English History	$\frac{1}{2}$	or 1	unit
General History	1		unit
Ancient History	1		unit
Med. and Mod. History	1		unit
Civics		$\frac{1}{2}$	unit
Political Economy		$\frac{1}{2}$	unit
Languages, Foreign (not more than 6 units in all)			
French	1	to 4	units
German	1	to 4	units
Greek	1	or 2	units
Latin	1	to 4	units
Spanish	1	or 2	units

Mathematics (2½ to 4 units)		
Algebra -----	1	to 2 units
Geometry, Plane -----		1 unit
Geometry, Solid -----		½ unit
Trigonometry -----		½ unit
Science (not more than 4 units in all)		
Botany -----	½ or 1	unit
Chemistry -----		1 unit
General Science -----		1 unit
Physics -----		1 unit
Physiography -----	½ or 1	unit
Physiology -----		½ unit
Zoology -----	½ or 1	unit
Vocational Subjects (not more than 3 units in all)		
Agriculture -----	½ or 1	unit
Art -----	1	to 3 units
Commercial Subjects -----	1	to 3 units
Domestic Science -----	1	to 3 units
Manual Arts -----	1	to 3 units
Music -----	1	to 3 units

ENTRANCE AT MID-YEAR

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

One day, Tuesday of the first week of the semester, is 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 admission 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 of the college in which he is enrolled.

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.

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 D. H. Gardner.

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 (except Saturday) during the college year.

FEES 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 31.
 - (B) A *Maintenance Fee* is paid by all students. The amount of the fee depends upon the number of credit hours taken. See page 32.
 - (C) *Laboratory Fees and Breakage Deposits* are charged in some courses, to cover the materials used. See page 33.
 - (D) *Student Activity Fee* is charged students taking eight credit hours or more. It includes student athletic ticket. See page 32.
 - (E) *Graduation Fee*, in connection with Bachelor's degree and Master's degree. See page 32.
 - (F) *Other Small Fees*. See page 33.
 - (G) *Refunds*. See page 34.
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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, by 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

THE UNIVERSITY OF AKRON

College of Liberal Arts, School of Home Economics,
Teachers College, and full-time students in the Col-
lege 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 se-
mester 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

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

Evening Session, Institute Lectures:

For a two evening course ----- 2.00

For more than a two evening course, in addition to
the \$2.00, 50c per evening.

STUDENT ACTIVITIES FEE

Payable by all students taking 8 credit hours or more.

	Day	Evening
First semester (including a student athletic ticket for the entire school year) -----	\$8.50	\$8.00
Second semester, to students in school the preceding semester -----	6.00	3.00
Second semester, to new entrants (includ- ing student athletic ticket) -----	8.50	5.50
Summer Session -----	2.00	

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, per semester, each	7.50
Botany	4.00
Bacteriology 19, 20	7.50
Biology 1, 2, per semester	4.00
Biology 11, 23, 24, per semester hour, each	1.00
Concrete Laboratory C. E. 24, per semester	2.00
Chemistry 1, 2, per semester, each	7.00
Chemistry 3, 4, 5, 6, 7, 8, 9, 10, each	10.00
Chemistry 1, 2, Eng'g and Com., per semester, each	7.00
Chemistry 13, 14	8.00
Chemistry 15, 16	15.00
Chemistry, deposit for breakage in each course	5.00
*Deposit for breakage (all laboratory courses in Engineering)	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
Surveying C. E. 1, per semester	3.00
Foods, per semester	7.00
Foods, per semester (evening session)	3.75
Housewives Class, per semester	4.00
Materials Laboratory, C. E. 18	2.00
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	4.00
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.

*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.

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.

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 \$5.00 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 pre-

sent 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; for 1926-27, West High.

THE JOHN R. BUCHEL CUP

The John R. Buchtel Cup, donated in 1925 by Reverend Irving C. Tomlinson, class of '80, is a silver cup awarded annually to that high school whose graduates, during the preceding year, have made the best athletic record at the 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 and again for 1926-27 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.
1926-27 won by North 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-curricular activities. Further information may be obtained from Dean A. I. Spanton of the College of Liberal Arts.

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 students 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.

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.

6. Those seniors who may have entered the institution at mid-year as freshmen and who have remained three years in Buchtel College are also eligible, the required number of scholarship hours being 96.

7. Average scholarship is reckoned as a whole, not specialization.

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 the engineering students and help members to become better citizens.

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 SEMESTER 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 "semester hour."

REQUIRED FOR DEGREE—128 semester hours, except in the co-operative courses of 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	{ Condition	E
	{ 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.

"Conditioned" means that although the semester's work is not of passing grade the deficiency may be made up without repeating the course in class. No grade higher than D shall be given for the removal of a Condition. Failure to remove the deficiency satisfactorily by the close of the student's next semester in the University shall convert the grade to F.

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 E or 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 E or 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 E or 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 E or 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.

PHYSICAL AND MILITARY TRAINING

PHYSICAL EDUCATION

MR. FRED S. SEFTON, *Director*; ASSISTANT PROFESSOR BLAIR. 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 section in the General Catalog or Bulletin of Teachers College.

EQUIPMENT

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

A six-acre athletic field is provided for the use of the students, and all intercollegiate and other contests 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.

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 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.

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.

MILITARY SCIENCE AND TACTICS RESERVE OFFICERS' TRAINING CORPS

MAJOR HARRY F. HAZLETT, 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 Professor*; 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 Officers' Reserve Corps. The instruction is divided into two parts: the basic course of the first two years, compulsory for all freshman and sophomore men who are physically fit; and the advanced course of the last two years (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.

BASIC COURSE

The basic course in R. O. T. C. is required of all men during the freshman and sophomore years with the following exceptions:

- a. Aliens.
- b. Men physically disqualified.
- c. Men who have been in the military or naval service more than one year.
- d. Men who are taking short professional or pre-professional courses not leading to degrees.
- e. Men carrying less than 8 hours of work.
- f. Men who have attended another college 2 years, or who present credit for 48 hours of college work.

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 government, but uniforms (except shoes) and equipment are issued for his use. Each student is held responsible for loss or damage to government property issued to him. Each student is required to provide one pair of russet shoes, of approved military pattern, for use with the uniform. 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.

MUSIC

MR. FRANCESCO B. DELEONE, *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 classroom work in music, or in Orchestra, Band or Glee Club, must arrange for it on registration days as part of their regular assignment of work for the semester. In no case shall the total credit for music exceed ten semester hours. Students who desire to take no studies except music must fulfill the regular requirements for college entrance.

The University offers sixteen scholarships in piano, voice, and violin, for students who are taking the Kindergarten and Music Supervisors courses, and to other students in music who are especially qualified and gifted. The scholarships are competitive and the selection is made by the Music Faculty. This procedure offers a splendid opportunity for students to further their musical education.

Opportunity is also 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. CHAPMAN

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

MR. STRASSNER

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.-----	1913-1914

*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 semester 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	
Problems of Citizenship and American Government	3 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	
Botany	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 30 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—30 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	6
2. Human Biology	6	4	6	6	4	4	4	4	4	4	4	4	4	4
3. History	6	6	6	6	6	6	6	6	6	6	4	6	6	6 ¹
4. Psychology 1-2	**	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
7. Economics												6		
8. †Modern Language	6 ²	6 ³	6 ³	6 ³	6 ³ or 8	6 ³ or 8	†	†	†	†	†	†	†	†
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											3			6
16. Statistics														

**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, Biology, or Botany. 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, Biology, or Botany; (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.

SUBJECTS OF INSTRUCTION

BIOLOGY

PROFESSOR PLOWMAN, ASSISTANT PROFESSORS KRAATZ, FOX, AND SLAGG

Major: Thirty-two credit hours, beginning with either 1-2 or 31-32 as the basic course, followed by a logical sequence of courses. No credit toward graduation will be allowed for less than the entire year's work in either of the basic courses. For minor requirements and 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 the study of parallel groups of the more primitive plants and animals. The purpose is to give 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.

PROFESSOR PLOWMAN, ASSISTANT PROFESSOR KRAATZ AND ASSISTANTS

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

This course consists of a survey of vertebrate organ systems, studied in a comparative way, with some emphasis upon homologies of structure in relation to ontogeny and phylogeny. Laboratory study and dissection of three animal types. Two lectures, with text book, and six laboratory hours per week. This course is required of pre-medical students. Prerequisite, 1-2.

ASSISTANT PROFESSOR KRAATZ

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

This is a course in general vertebrate embryology, with comparative studies of early developmental stages of certain other types. Two lectures or recitations, and six hours of laboratory work per week. The latter includes the preparation of a series of slides of embryos of the frog and the chick. Prerequisite, 3. Not given in 1928-1929, but offered in 1929-1930.

ASSISTANT PROFESSOR KRAATZ

5. GENETICS. First semester. Three credit hours.

This course consists of lectures, recitations, and some reference reading and demonstrations, dealing with the problems of heredity, variation, and phylogeny of animals and plants. Special consideration is given to the application of the laws of genetics to the improvement of the human race. Prerequisite, either 1-2 or 31-32.

PROFESSOR PLOWMAN

6. GENERAL ENTOMOLOGY. Second semester. Four credit hours.

This course deals with insects in general, including structure, characteristics, classification, life histories, habits, ecological and eco-

onomic relations of representative groups. Two lectures or recitations, and six laboratory hours per week. Field work will take the place of the laboratory exercises in the latter part of the course. This course is offered for 1928-1929, and every third year, in alternation with 4. Prerequisite, 1-2. ASSISTANT PROFESSOR KRAATZ

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

This course consists of four lecture-recitations with some demonstration experiments each 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 premedical students, and is open to men only. Prerequisite, 1-2. This course is offered in 1928-1929, and alternate years. PROFESSOR PLOWMAN

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

This course is for college women. It is to be omitted in 1928-1929, but will be offered in 1929-1930. PROFESSOR PLOWMAN

11. SURVEY OF ORGANIC EVOLUTION. First semester. Two credit hours.

This course consists of two lecture-recitations per week, with some reference reading. It is a concise but general survey of the meaning of evolution and the evidences of organic evolution, together with brief treatment of its history and more important theories. Prerequisite, 1-2 or 31-32. ASSISTANT PROFESSOR KRAATZ

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, and also of pre-medical major men.

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 especially adapted to meet the needs of college women. It is open to women 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. It is also a required study in the pre-medical major course.

PROFESSOR PLOWMAN

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

This is a general survey of the history and trend of the major fields of biology. It is required of all biology major students, and is given in alternation with course 5. It will be offered in 1929-1930.

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 modes of origin, modes of recovery, uses and conservation. It forms the natural connecting link between technical biology and the fields of sociology, economics, commerce, and the like. 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 and certain protozoa to man, bacteriological laboratory technique, and the elements of pathology. Either Biology 1-2 or Botany 31-32 is prerequisite, and some knowledge of chemistry is essential. An adaptation of this course, including two lectures and three hours of laboratory work per week, has been arranged for students majoring in chemistry.

ASSISTANT PROFESSOR FOX

21-22. SANITATION AND PUBLIC HEALTH. First and second semesters. Three credit hours each semester.

This is a study of the history and principles of sanitary science, including the working out of specific problems in connection with the food and water supply, garbage and sewage disposal, factories, schools, and other institutions of Akron. This course should prove especially helpful to teachers in the public schools. Prerequisite, 1-2 or 31-32.

ASSISTANT PROFESSOR FOX

***23-24. BIOLOGICAL PROBLEMS. First and second semesters. Two to four credit hours each semester.**

Advanced students in the department may undertake special lines of biological study, under the personal direction of some member of the departmental staff. Credit in this course is determined by the nature and amount of the work done.

PROFESSOR PLOWMAN AND ASSISTANT PROFESSORS KRAATZ, FOX, AND SLAGG

*Open only to juniors and seniors.

31-32. GENERAL BOTANY. First and second semesters. Four credit hours each semester.

The course consists of two lectures and six laboratory hours per week, dealing with comparative studies of the principal plant groups, with respect to their anatomy, nutrition, life histories, heredity and evolutionary development. The main purpose of this course is to discover the diverse ways in which plant life has solved the problems of existence.

ASSISTANT PROFESSOR SLAGG

33. ECONOMIC BOTANY. First 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 food, drug, fiber, and timber plants. Three lecture-recitations per week. This course is open to all college students, without prerequisite.

ASSISTANT PROFESSOR SLAGG

34. LOCAL FLORA. Second semester. Three credit hours.

Following a brief review of the history and methods of plant classification, this course consists of a study of local mosses, ferns, and seed plants, with respect to their identification, natural affinities, life histories, and interesting peculiarities. Two lectures and two hours of laboratory or field work per week. Open to all college students, without prerequisite.

ASSISTANT PROFESSOR SLAGG

35. NATURE STUDY. First semester. Three credit hours.

This course consists of two lectures and one field trip per week, dealing with recognition, habits, peculiarities, and relative usefulness of large numbers of local plants and animals; also some study of the rocks and features of the earth's surface, the weather, and certain phenomena of the heavens. This course is designed especially for prospective teachers in the elementary and secondary schools, but it is open to all college students, without prerequisite.

ASSISTANT PROFESSOR SLAGG

41-42. INTRODUCTION TO GEOLOGY. First and second semesters. Three credit hours each semester.

This course consists of lectures, discussions, recitations, and field trips, dealing with a study of earth materials, earth structure, and earth processes, followed by a more specific study of their physiographic expression in Europe and North America. Special attention is directed to local geology and physiography. No prerequisite.

ASSISTANT PROFESSOR SLAGG

*43. HISTORICAL GEOLOGY. First semester. Three credit hours.

This course offers a somewhat detailed study of development of the earth, and of the essentials of palaeontology. Prerequisite, 41-42; also, Biology 1-2 is desirable. Not offered in 1928-1929. See course 11.

ASSISTANT PROFESSOR SLAGG

*Open only to juniors and seniors.

THE UNIVERSITY OF AKRON

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		SOPHOMORE YEAR	
Credit hrs. each semester		Credit hrs. each semester	
General Biology	4	Human Biology	2
General Inorganic Chemistry	7	Quantitative Analysis	4
French or German	3 or 4	General Physics	4
R. O. T. C. and Gym	2	French or German	3
	<hr/>	Rhetoric or Mathematics	3 or 4
	16 or 17	R. O. T. C. and Gym	2
			<hr/>
			18 or 19
JUNIOR YEAR		SENIOR YEAR	
Credit hrs. each semester		Credit hrs. each semester	
Vert. Anatomy & Embryology	4	Biology or Chemistry	3 or 4
Organic Chemistry	3	Electives, to make a total of 128	
Light (First semester)	4	semester hours.	
Mathematics or Rhetoric	4 or 3		
Electives			
	<hr/>		
	15 or 16		

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

CHEMISTRY

PROFESSOR SIMMONS, ASSISTANT PROFESSORS SCHMIDT, SCHAEFER, AND COOK, MR. ANDERSON, MR. LEWIN, MRS. MAHER

Major: Forty hours of Chemistry. The following 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, 2 hrs.~~ Biology, 8 hrs.; Physics, 8 hrs.; equivalent of 2 years of German ~~or French.~~

CHEMICAL COURSE

FRESHMAN YEAR		SOPHOMORE YEAR	
Credit hrs. each semester		Credit hrs. each semester	
General Chemistry 3 and 4	7	Quantitative Analysis	4
Mathematics	4	Biology	4
Modern Language	3 or 4	Mathematics	3
Physical and Military Training	2	Modern Language	3
		Physical and Military Training	2
		Rhetoric	3
JUNIOR YEAR		SENIOR YEAR	
Credit hrs. each semester		Credit hrs. each semester	
Organic Chemistry	3	Organic Chemistry	3
Physics	4	Physical Chemistry	4
Electives		Electives	

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.

ASSISTANT PROFESSOR COOK, ~~Mrs. MAHER~~

Three

Three

M. H. 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~~ M. H.

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~~ M. H.

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.

ASSISTANT PROFESSOR 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

*Open only to juniors and seniors.

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.

ASSISTANT PROFESSOR COOK

*13-14. PHYSICAL CHEMISTRY. First and second semesters. Four 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. Pre-requisite, 9-10 and Physics 1-2.

ASSISTANT PROFESSOR SCHMIDT

*15-16. CHEMISTRY OF RUBBER TECHNOLOGY. First and second semesters. Four 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

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.

Students majoring in this department are urged to elect Economic History, Commercial Geography, and Statistics in the College of Engineering and Commerce, and Social Psychology in the Teachers College. Such courses in the College of Engineering and Commerce as Accounting, Marketing, and Transportation are also strongly recommended.

ECONOMICS

PROFESSOR DAVIS

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.

*Open only to juniors and seniors.

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.

*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.

*4. **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.

*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.

*6. **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.

*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 1928-1929.

*Open only to juniors and seniors.

***8. 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. Not offered in 1928-1929.

SOCIOLOGY

ASSOCIATE PROFESSOR HAWTHORN

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 and applications of sociology to typical social problems.

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.

3. SOCIOLOGY OF PERSONALITY AND LEADERSHIP. First semester. Three 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. Prerequisite, 1.

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.

5. 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. Not offered in 1928-1929.

*Open only to juniors and seniors.

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

This course considers the origin and development of such institutions as the family, religion, art, communication, charity, marriage, etc.; force, principles, and factors involved in social evolution; heredity and population; natural and artificial selection; theories of social progress. Prerequisite, 1. Not offered in 1928-1929.

*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.

*9. SEMINAR. Either semester. One credit hour.

Reports and discussions on current sociological problems. Limited to upperclassmen majoring in this department who have had at least six hours of sociology.

*10. 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.

ENGLISH

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

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. Courses in Journalism (15-20) do not count on an English major.

RHETORIC

Freshmen who are found to be inadequately prepared for Rhetoric 1 are required to enter a sub-freshman rhetoric class, without credit.

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.

Open only to juniors and seniors

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.

3. ADVANCED COMPOSITION. First semester. Three credit hours. This course is planned to develop ease of writing in the student. The work consists of short daily themes, with an occasional longer paper, and conferences with the instructor. Prerequisite, 1-2.

MISS MITCHELL

5. SHORT STORY WRITING. First semester. Two credit hours. The main work is the writing of original short stories based on modern theories of this type. Wide illustrative readings in both the story and the short play are required. Prerequisite, 1-2.

PROFESSOR PEASE

6. 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

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.

PROFESSOR PEASE

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

Prerequisite, 1-2.

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. Not offered in 1928-1929.

DEAN SPANTON

35. THE ENGLISH BIBLE AS LITERATURE. First semester.
Three 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.

DEAN SPANTON

*36. TENNYSON AND BROWNING. Second semester. Three credit hours.

Prerequisite, 1-2.

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. Not offered in 1928-1929.

PROFESSOR PEASE

*Open only to juniors and seniors.

- *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.

PROFESSOR PEASE

- *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, 25-26 or 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.

Not offered in 1928-1929.

PROFESSOR PEASE

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

Not offered in 1928-1929.

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.

81-82. ENGLISH COMPOSITION. (For Engineering students.)
 85-86. ENGLISH LITERATURE. (For Engineering students.)
 Courses 81-82, 85-86 inclusive, are given only for students in co-operative courses. For description see under English in the College of Engineering and Commerce.

JOURNALISM
 MR. VANCE

15. NEWS WRITING. First semester. Three credit hours.
 Members of this class form the reporting staff of The Buchtelite, semi-weekly student newspaper. The class meets two periods a week, and the third credit hour is given for laboratory work, which is emphasized. Prerequisite, 1-2.
16. NEWS WRITING. Second semester. Three credit hours.
 This course may be taken either before or after 15. Members of the class report for The Buchtelite and meet two periods a week for lectures, reports, and discussions. Prerequisite, 1-2.
- *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.
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 reports. Prerequisite, 1-2.
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.

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.

*Open only to juniors and seniors.

literary analysis, gestures, and evolution of expression—vocal and physical.

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.

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.

5-6. **STAGECRAFT AND PLAY PRODUCTION.** First and second semesters. Three credit hours each semester.

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.

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.

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 1928-1929.

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

Homer's language, style, and times are investigated. Prerequisite, 3. Not offered in 1928-1929.

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.

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. Not offered in 1928-1929.

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.

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. Prerequisite, 1.

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, 2.

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.

- *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, 4.

- *6. **HORACE'S SATIRES.** Second semester. Three credit hours. Horace's practical outlook on life is emphasized. Prerequisite, 5.

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.

HISTORY

DEAN THOMPSON, DEAN 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 upperclassmen.

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.

DEAN 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

*Open only to juniors and seniors.

- 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. DEAN GARDNER

11. AMERICAN HISTORY THROUGH THE CIVIL WAR. First semester. Three credit hours.

An intensive study is made of the revolt of the colonies, the foundations of the new nation, Jeffersonian and Jacksonian democracy, the new West, and problems leading to the Civil War. DEAN GARDNER

12. AMERICAN HISTORY SINCE THE CIVIL WAR. Second semester. Three credit hours.

After a survey of the Reconstructive period a survey is made of the development of such modern problems as the civil service, finance, trusts, railroads, imperialism, and particularly the World War period. DEAN GARDNER

In addition to the preceding courses at least one of the following will be given each year. HISTORY OF THE RENAISSANCE AND REFORMATION 23-24 will be offered in 1928-1929.

- 13-14. AMERICAN COLONIAL HISTORY (two credit hours).

DEAN GARDNER

- 17-18. ANCIENT HISTORY (two credit hours). DEAN THOMPSON

- 19-20. HISTORY OF CENTRAL AND SOUTH AMERICA AND CANADA (two credit hours). DEAN THOMPSON

- 23-24. RENAISSANCE AND REFORMATION (two credit hours). DEAN THOMPSON

JOURNALISM
(See ENGLISH)

LATIN
(See GREEK and LATIN)

MATHEMATICS

PROFESSOR JONES, MISS LIPSCOMBE, MISS REGER, MR. SILBERFARB

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

Freshmen who are found to be inadequately prepared for Algebra 1 are required to enter a sub-freshman mathematics class, without credit.

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. MISS REGER

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.

MISS REGER

- *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. Not offered in 1928-1929. PROFESSOR JONES

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, Sturm's functions, determinants, symmetric functions, and elimination. Prerequisite, 3. Not offered in 1928-1929.

PROFESSOR JONES

*Open only to juniors and seniors.

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.

PROFESSOR JONES

51-57. MATHEMATICS.

Courses 51-57 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.

MODERN LANGUAGES

PROFESSOR BULGER, ASSISTANT PROFESSOR REED, MR. TAILLIART,
MISS ROGERS, MISS FANNING, MISS JEHL

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

ASSISTANT PROFESSOR REED, MR. TAILLIART, MISS FANNING

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.

- 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.

- 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.

- 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.

SPANISH

MISS ROGERS, MR. TAILLIART, MISS FANNING

- 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.

- 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.

- 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. Not offered in 1928-1929.

- 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 resúmes in Spanish. Prerequisite, 3-4 or the equivalent with a grade not lower than B. Not offered in 1928-1929.

- 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.

GERMAN

PROFESSOR BULGER, MISS JEHLE

- 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.

- 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.

- 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. Prerequisite, 3-4.

PHILOSOPHY

PROFESSOR OLIN

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

Students majoring in the department must take the work in the following sequence: Logic, freshman or sophomore year; Psychology, sophomore year; Introduction to Philosophy, junior year; Problems of Philosophy, senior year; Ethics, junior or senior year.

- 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.

- *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. Text-books: Mackenzie and Valentine. Prerequisite, Psychology 1-2.

*Open only to juniors and seniors.

- *5-6. INTRODUCTION TO 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.

- *7. PROBLEMS OF PHILOSOPHY. First semester. Three credit hours.

Prerequisite, 5-6.

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.

PHYSICS

PROFESSOR HOUSEHOLDER, ASSISTANT PROFESSOR ROLLEFSON, MR. FOUTS

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 51-56 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

*Open only to juniors and seniors.

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. Pre-
requisite, 1, 2, 3.

PROFESSOR HOUSEHOLDER

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

Two lectures and six hours of laboratory work per week. Pre-
requisite, 1, 2, 3.

PROFESSOR HOUSEHOLDER

6. ADVANCED ELECTRICITY AND MAGNETISM. Second semes-
ter. Four credit hours.

Two lectures and six hours of laboratory work per week. A con-
tinuation 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 re-
quired 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 ac-
cording 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.

MR. FOUTS AND ASSISTANTS

53-54. SOPHOMORE MECHANICS.

Four recitations and four hours of laboratory work per week.

ASSISTANT PROFESSOR ROLLEFSON AND ASSISTANTS

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.

PROFESSOR HOUSEHOLDER

POLITICAL SCIENCE

PROFESSOR CRECRAFT, ASSISTANT PROFESSOR HALLENBECK,

MR. KING

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

1. PROBLEMS OF CITIZENSHIP. First semester. Repeated the second semester. Three credit hours.

A survey of a group of selected problems of citizenship with equal emphasis placed respectively upon social, economic, and political problems. An introductory course to the social and political sciences, based on text book, readings, and discussions. Required of all freshmen in A. B. courses.

ASSISTANT PROFESSOR HALLENBECK, MR. KING

2. AMERICAN GOVERNMENT. Second semester. Also given the first semester. Three credit hours.

A course which gives the student an introductory survey of the basic principles, the practical administration, and the foreign relations of the American Government. Required of all freshmen in A. B. courses.

ASSISTANT PROFESSOR HALLENBECK, MR. KING

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 1929-1930 and alternate years. Prerequisite, 1-2.

15. LEGISLATIVE AND PARLIAMENTARY 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 1929-1930 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

25-26. INTERNATIONAL RELATIONS. First and second semesters. Three credit hours each semester.

This course will cover the social, economic, political, and legal aspects of international relations, with emphasis on the part played by the United States. A full year's work is required; students may not enter the second semester without having had the first semester's work; nor may they drop out at the end of the first semester. 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.

2. WITH OHIO STATE UNIVERSITY

By special arrangements 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

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

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 at the University of Akron and three 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 for the A. B. degree under this plan are: three years' residence; 101 semester hours completed at the University of Akron with an average grade of at least 85%, such work to include all freshman, major, and minor requirements for the A. B. degree; and sufficient credit from the Law School of Ohio State University to make a total of 128 semester hours.

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 requirements in Buchtel College of Liberal Arts for the B. S. degree under this plan are: three years' residence; 96 semester hours completed at the University of Akron with an average grade of at least 85%, such work to include all freshman, major, and minor requirements for the B. S. degree; and sufficient credits from Ohio State University to make a total of 128 semester hours.

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 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 requirements in Buchtel College of Liberal Arts for the B. S. degree under this plan are: three years' residence; 96 semester hours completed at the University of Akron with an average grade of at least 85%, such work to include all freshman, major, and minor requirements for the B. S. degree; and sufficient credits from Western Reserve Medical School to make a total of 128 semester hours.

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

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

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

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

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

German or French: A total of not less than 8 semester hours. One unit of high school work may be counted as 2 hours of this

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

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.

Akron is a manufacturing center in whose industries there is a constant demand for men with engineering training who will interest themselves in the problems of factory production and management rather than those of engineering design and construction. In order to furnish such training, the College of Engineering and Commerce is offering in 1927-28 a course in Industrial Engineering which includes approximately three years of engineering and two years of commerce subjects.

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. 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. Section I is allowed a vacation of two weeks at Christmas time and two weeks in the latter part of the summer. Section II is allowed a vacation of one week at Easter, one week during commencement time and two weeks in the latter part of the summer. Freshman engineers spend the first semester at the University full time, after which twenty-two weeks of each year are spent in the classroom.

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 conduct 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 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.

Each student's work assignment is an individual problem. Scholastic records, work reports, conferences, and shop visits are all utilized by co-ordinators in an effort to give each student the type of practical experience which best suits his particular needs.

While at work, co-operative students are kept in constant touch with the college by means of home study courses, work reports, and co-ordinators' shop visits. The home study courses consist of weekly assignments in engineering problems which preserve continuity in the study habit. Weekly work reports are prepared in diary form and contain a daily account of the student's practical experience. These reports provide a constant check upon the student's progress on his outside employment.

The outside work, properly co-ordinated with the 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, Industrial 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 courses of study. In addition to his diploma, each co-operative 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	*\$ 90.00
Fees -----	\$43.50	43.50
Books and Drawing Instruments -----	40.00	40.00
Total -----	\$83.50	\$173.50

SECOND SEMESTER

	Resident	Non-Resident
Tuition -----	Free	*\$ 90.00
Fees -----	\$41.00	41.00
Books -----	8.00	8.00
Total -----	\$49.00	\$139.00

SUMMER TERM

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

Board and room can be obtained for approximately \$10 per week.

DEPARTMENTS OF INSTRUCTION

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.

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

ENGINEERING: Civil Engineering, Electrical Engineering, Mechanical Engineering, Industrial Engineering.

COMMERCE.

SECRETARIAL SCIENCE.

GENERAL: Chemistry, Co-ordination, Economics, English, Mathematics, Physics, Political Science.

MILITARY AND PHYSICAL TRAINING.

MUSIC.

*The tuition is \$60 for co-operative students when attending the University half time.

ENGINEERING

OUTLINE OF ENGINEERING COURSES
FOR FRESHMEN

The freshman courses listed below are the same for all departments of engineering. All freshmen attend the University full time (18 weeks) during the first semester, and half time (9 weeks) during the second semester. The other nine weeks of the second semester are spent in engineering practice.

Students entering in February may overtake September freshmen by remaining in classes full time for two semesters.

FRESHMAN YEAR

FIRST SEMESTER	First 9 weeks Hrs. per week	Second 9 weeks Hrs. per week
Military Training -----	2	2
Physical Training -----	1	1
Review of Mathematics*-----	6	
Mathematics 51 -----		6
Review of English Composition*-----	5	
English Composition 81-----		3
Physics 51 -----	5	
Mechanical Drawing 3-----		4
Surveying C. E. 1-----		3
SECOND SEMESTER	First or Second 9 weeks Hrs. per week	
Military Training -----	2	
Physical Training -----	1	
Mathematics 52 -----	6	
Physics 52 -----	5	
Mechanical Drawing M. E. 4-----	4	
English Composition 82 -----	3	

SUMMER TERM

	Cr. Hrs.
Mathematics -----	6
Surveying C. E. 4 -----	14
Inspection Trips, Co-ordination 71-----	2

*No college credit.

CIVIL ENGINEERING

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

FRESHMAN YEAR

(See General Outline of Engineering Courses for Freshmen on Page 92.)

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	6	Descriptive Geometry M. E. 9	2
Co-ordination 9	1	Power Plants M. E. 21	5
Engineering Problems Co-ord. 31	2	Co-ordination 10	1
		Engineering Problems Co-ord. 32	2

SUMMER TERM

Structural Drawing C. E. 10	14
Mathematics 55	6
Inspection Trips, Co-ordination 72	2

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
Engineering Problems, Co-ord. 41	2	Roofs and Bridges C. E. 14	2
		Engineering Problems Co-ord. 42	2

SUMMER TERM

Railroads C. E. 20	10
Reinforced Concrete C. E. 22	8
Concrete Laboratory C. E. 24	4
Inspection Trips, Co-ordination 73	2

JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Hydraulics M. E. 75	5	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	7	Steel Design C. E. 28	7
Engineering Problems Co-ord. 51	2	Engineering Problems Co-ord. 52	2

SUMMER TERM

Physics 56	10
Engineering Geology C. E. 32	6
Mechanical Engineering Laboratory M. E. 24	4
Inspection Trips, Co-ordination 74	2

SENIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Accounting C. 38	6	Business Administration C. 68	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
Engineering Problems Co-ord. 61	2	Engineering Problems Co-ord. 62	2

CIVIL ENGINEERING

PROFESSOR DURST, ASSISTANT PROFESSOR BULGER

1. SURVEYING. Second Semester. Three credit hours.

Instruction is given in the correct use of the tape, the level, and the transit. A study is made of compass surveying, computing areas and note keeping. Some time is also devoted to the making of maps and profiles.

PROFESSOR DURST

4. SURVEYING. Summer term. Fourteen 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. Fourteen 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. Three 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 200,000-pound Olsen Universal testing machine, a 100,000-pound Riehle vertical screw 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. CONCRETE LABORATORY. 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. Seven credit hours.

Practice is given in designing various concrete structures such as buildings, beam and arch bridges, retaining walls, and chimneys. Text: Urquhart and O'Rourke. Prerequisites, C. E. 16 and C. E. 22.

ASSISTANT PROFESSOR BULGER

28. STEEL DESIGN. Second semester. Seven 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 collections which have been donated by interested citizens. 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 M. E. 75.
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: Folwell. Prerequisite, Hydraulics M. E. 75.
PROFESSOR DURST

36-40. ENGINEERING DESIGN. First and second semesters. 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

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

FRESHMAN YEAR

(See General Outline of Engineering Courses for Freshmen on Page 92.)

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--	6	Power Plants M. E. 21-----	5
Co-ordination 13 -----	1	Co-ordination 14 -----	1
Engineering Problems, Co-ord. 31	2	Descriptive Geometry M. E. 9--	2
		Engineering Problems, Co-ord. 32	2

SUMMER TERM

Mathematics 55 -----	6
Machine Drawing M. E. 14 -----	10
Mechanical Engineering Laboratory M. E. 24 -----	4
Inspection Trips, Co-ordination 72 -----	2

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 Literature 85	2	English Literature 86	2
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
Engineering Problems, Co-ord. 41	2	Engineering Problems, Co-ord. 42	2

SUMMER TERM

Physics 56	10
Advanced Electrical Theory E. E. 9	6
Advanced Electrical Laboratory E. E. 10	4
Inspection Trips, Co-ordination 73	2

JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Economics C. 52	4	Economics C. 53	4
Adv. Electrical Theory E. E. 11	5	Adv. Electrical Theory E. E. 12	5
Adv. Electrical Lab. E. E. 13	6	Strength of Materials C. E. 16	6
Physics 55	5	Materials Laboratory C. E. 18	3
Fuels 31	2	Metallurgy 32	6
Engineering Problems, Co-ord. 53	2	Engineering Problems, Co-ord. 62	2

SUMMER TERM

Advanced Electrical Theory E. E. 20	12
Advanced Electrical Laboratory E. E. 22	8
Inspection Trips, Co-ordination 74	2

SENIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Hydraulics M. E. 75	5	Thermodynamics M. E. 82	5
Electric Power Transmission E. E. 41	5	Electric Railways E. E. 52	5
Special Electrical Problems E. E. 61	6	Special Electrical Problems E. E. 62	6
Accounting C. 38	6	Business Organization C. 68	6
Engineering Problems, Co-ord. 67	2	Engineering Problems, Co-ord. 68	2

ELECTRICAL ENGINEERING

PROFESSOR WALTHER, 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

9-11-12-20. ADVANCED ELECTRICAL THEORY. First and second semesters and the preceding and following summer terms. Five credit hours each semester, and six and twelve credit hours for summer terms.

This course is a continuation of 6. It includes more thorough study of the theory and construction of electrical machines and appliances and a large number of problems. PROFESSOR WALTHER

10-13-22. ADVANCED ELECTRICAL LABORATORY. First semester and preceding and following summer terms. Six credit hours first semester and four and eight credit hours for summer terms.

This course is a continuation of 8 and includes more advanced experimental study of direct and alternating circuits and equipment, and supplements the theoretical work given in 9-11-12-20.

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. Five 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

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

FRESHMAN YEAR

(See General Outline of Engineering Courses for Freshmen on Page 92.)

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	6	Descriptive Geometry M. E. 9	2
Co-ordination 5	1	Power Plants M. E. 21	5
Engineering Problems, Co-ord. 31	2	Co-ordination 6	1
		Engineering Problems, Co-ord. 32	2

SUMMER TERM

Mathematics 55	6
Machine Drawing M. E. 14	10
Mechanical Engineering Laboratory M. E. 24	4
Inspection Trips, Co-ordination 72	2

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
Engineering Problems, Co-ord. 41	2	Engineering Problems, Co-ord. 42	2

SUMMER TERM

Physics 56	10
Steam Power Plants M. E. 44	5
Machine Design M. E. 54	5
Inspection Trips, Co-ordination 73	2

JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Steam Power Plants M. E. 45	4	Steam Power Plants M. E. 46	4
Fuels 31	2	Metallurgy 32	6
Machine Design M. E. 55	4	A. C. Electricity E. E. 6	6
D. C. Electricity E. E. 5	6	A. C. Laboratory E. E. 8	4
D. C. Laboratory E. E. 7	4	*English Composition 82	4
*English Composition 81	4	Engineering Problems, Co-ord. 56	2
Engineering Problems, Co-ord. 55	2		

SUMMER TERM

Machine Design M. E. 56	12
Mechanical Engineering Laboratory M. E. 61	8
Inspection Trips, Co-ordination 74	2

*These courses are only for students who enrolled at the University prior to 1927.

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	5	Elective M. E. 88	5
Economics C. 52	4	Economics C. 53	4
Accounting C. 38	6	Business Organization C. 68	6
English Literature 85	2	English Literature 86	2
Engineering Problems, Co-ord. 65	2	Engineering Problems, Co-ord. 62	2

MECHANICAL ENGINEERING

PROFESSOR GRIFFIN, ASSISTANT PROFESSOR UPP, MR. DUSHINSKE

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. DUSHINSKE

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. DUSHINSKE

5. MECHANICAL DRAWING. First 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

8. DESCRIPTIVE GEOMETRY. First semester. Six credit hours.

This subject treats of the fundamental theory and the solution of problems concerning the graphical representation of points, lines, planes and surfaces. Prerequisites, 3 and 4.

MR. DUSHINSKE

9. DESCRIPTIVE GEOMETRY. Second semester. Two credit hours.

This course, which is a continuation of 8, consists of the graphical solution of problems of a practical nature pertaining to surfaces and solids.

MR. DUSHINSKE

14. MACHINE DRAWING. Summer term. Ten 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. DUSHINSKE

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

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. Special attention is given to automotive and oil engines.

ASSISTANT PROFESSOR UPP

44-45-46. STEAM POWER PLANTS. Summer term and first and second semesters. Five credit hours for summer term and four credit hours each semester.

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

ASSISTANT PROFESSOR UPP

- 54-55. **MACHINE DESIGN.** Summer term and first semester.
Five credit hours for summer term and four credit hours
for first semester.

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. DUSHINSKE

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

In this course the student applies the theory as taught in M. E. 54 and 55 and makes a complete design and drawing of an assigned machine. MR. DUSHINSKE

61. **MECHANICAL ENGINEERING LABORATORY.** Summer term.
Eight credit hours.

The work included consists of internal combustion engine and gas producer tests and some experiments on the measurement of the flow of air and other gases. Tests of boilers and other power plant equipment in local industries may be included.

ASSISTANT PROFESSOR UPP

71. **HEATING AND VENTILATING.** 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. Five credit hours.

Some of the topics studied are 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.

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.

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

INDUSTRIAL ENGINEERING

The credit hours for the Freshman, Sophomore, and Pre-Junior years are on the Co-operative basis.

The credit hours for the Junior and Senior years are on the full-time basis.

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

FRESHMAN YEAR

(See General Outline of Engineering Courses for Freshmen on Page 92.)

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
Economics 52 -----	4	Economics 53 -----	4
Co-ordination -----	1	Co-ordination -----	1

SUMMER TERM

Machine Drawing M. E. 14 -----	10
Mathematics 55 -----	6
Machine Design M. E. 56 -----	4
Inspection Trip, Co-ordination 72 -----	2

PRE-JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Chemistry A. 1 -----	8	Chemistry A. 2 -----	8
Physics 55 -----	5	Strength of Materials C. E. 16 --	6
Steam Power Plants M. E. 45 --	4	Materials Laboratory C. E. 18 --	4
Business Administration 68 ----	6	Production Methods (not given in 1928-29) -----	6

SUMMER TERM

Work.

JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
General Electricity (not given in 1928-29) -----	3	Business Law C. 41 (Eve- ning Session) -----	2
Business Law C. 40 -----	2	Accounting (Evening Session) --	2
Accounting C. 30 -----	3	Work	
Marketing C. 80 -----	3		
Business Correspondence C. 25 --	3		
Commercial and Industrial Geography 20 -----	3		

SUMMER TERM

Psychology -----	4
Business Finance 73 -----	3

SENIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Cost Accounting C. 34 (Evening Session) -----	2	Cost Accounting C. 35 -----	3
Problems in Finance C. 75 (Eve- ning Session) -----	3	Factory Management C. 65 -----	3
Work		Statistics C. 57 -----	4
		Accounting C. 38 -----	3
		Literature -----	3
		Seminar -----	2

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 curriculum 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. In those businesses in which such an alternation plan is not feasible, the student may be permitted to work a certain number of hours each day throughout the year. In this event his maximum semester load will be 12 credit hours. 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 thesis upon some special, assigned topic. In lieu of the thesis required of those pursuing the regular course, co-operative students must submit satisfactory treatises concerning 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.

Candidates for the degree of Bachelor of Science in Commerce or Bachelor of Science in Business Administration must complete the following requirements.

OUTLINE OF REGULAR COURSE

FRESHMAN YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Algebra	4	*Trigonometry or a Modern Foreign Language	4
*Problems in Citizenship or a Modern Foreign Language	3	Political Science	3
Com. and Ind. Geography	3	Economic History of the U. S.	3
Human Biology	2	Human Biology	2
Military Training	1	Military Training	1
Physical Education	1	Physical Education	1
Rhetoric	3	Rhetoric	3
	17		17

UPPER-COURSE REQUIREMENTS

GENERAL		COMMERCE	
English Literature	6	Business Administration	3
Military Training	2	Business Management	3
Physical Education	2	Accounting	12
Science	8	Marketing	3
Chemistry		Advertising	3
Physics		Business Law	4
Biology		Statistics	4
Psychology	3	Finance	6
Economics	6	Money and Banking	
Political Science	3	Business Finance	
Government and Business		Business Correspondence	3
	30	Seminar	2
			43
Electives in General or Commerce	11	Electives in Commerce	10
	41		53

Total Hours required for graduation 128.

*If the Modern Language is elected, it must be taken in both semesters. In addition to the eight hours listed, six additional hours of the same language must be taken to secure credit toward graduation.

In order for the student to meet the above requirements with the least number of conflicts the following course outlines are given to assist him in scheduling his course.

FRESHMAN YEAR

(See required subjects for Freshman year in Outline of Regular Course)

SOPHOMORE YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Chemistry, Physics or Biology	4	Chemistry, Physics or Biology	4
Economics C. 50	3	Economics C. 51	3
Accounting C. 30	3	Accounting C. 31	3
Psychology	2	Psychology	2
Business Administration C. 60	3	Money and Banking C. 70	3
Physical Training	1	Physical Training	1
Military Training	1	Military Training	1

JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Business Law C. 40	2	Business Law C. 41	2
Accounting C. 32	3	Accounting C. 33	3
Marketing C. 80	3	Advertising C. 87	3
Business Correspondence S. 5	3	Business Management C. 63	3
Business Finance C. 73	3	Statistics C. 57	4
Literature 25	3	Literature 26	3

SENIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Seminar C. 1.	1	Seminar C. 2	1
Electives (Maximum)	17	Business and Government 20	3
		Electives (Maximum)	14

OUTLINE OF SELECTIVE CO-OPERATIVE COURSE

FRESHMAN YEAR

(See required subjects for Freshman year in Outline of Regular Course)

SUMMER TERM

Work in industry or Military Training Camp.

SOPHOMORE YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Economics C. 50	3	Accounting (Evening Session)	3
Accounting C. 30	3	Work	
Business Administration C. 60	3		
Business Correspondence S. 5	3		
Literature 25	3		
Military Training	1		
Physical Training	1		

SUMMER TERM

Economics C. 51	3
Money and Banking C. 70	3
Psychology	3

PRE-JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Accounting (Evening Session) --	2	Accounting C. 33 -----	3
Work		Advertising C. 87 -----	3
		Statistics C. 57 -----	4
		Literature 26 -----	3
		Elective -----	3

SUMMER TERM

Work.

JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Marketing C. 80 -----	3	Business Law C. 41 -----	2
Business Finance C. 73 -----	3	Electives (Evening Session) -----	2
Business Law C. 40 -----	2		
Electives -----	8		

SUMMER TERM

Science ----- 4

SENIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Seminar C. 1 -----	1	Business Management C. 63 -----	3
Electives -----	4	Business and Government 20 -----	3
		Seminar C. 2 -----	1
		Science -----	4
		Electives -----	6

COMMERCE

PROFESSOR LEIGH, ASSISTANT PROFESSOR HOLMES, ASSISTANT PROFESSOR ROWE, MR. MARSH, MR. DOUTT, MR. LEWERS, MR. HILE

1-2. 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, 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 their influence upon man's economic activity. It analyzes the physical factors which constitute the basis of trade, the determinates of 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.

A short study is made of those features in England which have influenced the industrial life in the United States. Such topics are considered as exploration and settlement, territorial acquisition, land policies, population growth, growth of commerce, crises, industrial combination and conservation, origin and development of banking institutions and railroad systems, tariff, labor unions, and 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. The 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, are considered. Attention is directed to the balance sheet and the statement of profit and loss, their construction, interpretation, and use of each. Required of all Commerce sophomores.

ASSISTANT PROFESSOR ROWE

32-33. ACCOUNTING. First and second semesters. Three 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 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, etc. Prerequisite, 30-31.

MR. MARSH

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

Cost records are used to determine the cost or the profit on each unit of product, to determine the profitable lines of endeavor, to secure accurate and perpetual inventories, and to secure information necessary to lay down wise managerial policies. Prerequisite, 30-31.

MR. MARSH

36. AUDITING. First semester. Two credit hours.

This course covers both the theory and practice of auditing. The subject matter covers the procedure involved in auditing cash funds, accounts receivable, inventories, investments, deferred charges, capital assets, intangible assets, liabilities, and net worth accounts, the closing of an audit, and the construction of audit reports. Prerequisite, Accounting 32-33. Not given in 1928-29.

MR. MARSH

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

This course is designed for students who intend to enter the accounting profession. The problems cover such topics as partnerships, joint ventures, corporations, executors, administrators and trustees, consolidated statements, working capital requirements and actuarial science. Open to seniors and to others with the consent of the instructor. Prerequisite, 32-33.

MR. MARSH

38. ACCOUNTING. First semester. Six co-operative credit hours. This course is for advanced Engineering students. It covers the forms used by a foreman or a superintendent in a factory and enables the engineer to interpret such forms as profit and loss statements, balance sheets, production statements and store records.

ASSISTANT PROFESSOR ROWE

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

The origin of commercial law, the operation and discharge of contracts, the law of sales, of agency, and of negotiable instruments, partnerships and corporation, are studied, giving attention to the statutes which form the working machinery for economic activity. Open to Commerce sophomores and to others with the consent of the instructor.

ASSISTANT PROFESSOR HOLMES

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

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

ASSISTANT PROFESSOR ROWE

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

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

PROFESSOR MCJOYNT

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, railroad service, rate making, valuation, and federal regulation. Prerequisite, 50-51. Given in 1929-30 and alternate years.

MR. MARSH

57. STATISTICS. Second semester. Four credit hours.

In this course the student is taught to apply the scientific method to business and social problems. It emphasizes the use of surveys, accounting, analyses and group tests. Particular attention is given to the collection and use of statistical data. Prerequisite, 50-51 or its equivalent. Given in 1928-29 and alternate years.

MR. MARSH

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

This is an advanced course which synthesizes all the knowledge of economics the student has gathered in his various courses. The ways and means of controlling economic activity for social ends are carefully analyzed. Such topics as monopoly, regulation of railroads, labor problems, population movements, and public taxation are discussed. Open to Seniors and others with the consent of the instructor.

PROFESSOR LEIGH

60. BUSINESS ADMINISTRATION. First semester. Three credit hours.

This is a survey course in which the business establishment is considered as a unified concern composed of various departments such as finance, production, distribution, and accounting. The managerial viewpoint is taken throughout. Class work is supplemented by problems and trips. Required of all Commerce sophomores.

PROFESSOR LEIGH

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

This course is a continuation of 60. The problems of management in properly delegating authority and co-ordinating the activities of the business, and standardization as a basis for planning are studied. The second part of the course considers the selection, training, placement, and compensation of workers as managerial activities. Prerequisite, 60.

PROFESSOR LEIGH

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

The topics considered in this course are the factors determining the location of the plant, plant layout, types of organization, production methods, stores and purchase control, engineering and shop costs, progress records, and standardization. Prerequisite, 63.

PROFESSOR LEIGH

68. BUSINESS ADMINISTRATION FOR ENGINEERS. Second semester. Six co-operative credit hours.

This course is given especially for advanced Engineering students. It is patterned after Business Administration except that more emphasis is laid upon plant layout, production operations, and factory management.

PROFESSOR LEIGH

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

This course is a survey of the financial field. It considers 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 the methods and operation of foreign exchange. Required of all Commerce sophomores.

ASSISTANT PROFESSOR ROWE

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

This course is a comprehensive study of the Federal Reserve system in its relation to the banks of the country, the discount policy, the need and working of a centralized banking system, and methods of stabilizing credit during the fluctuations of the business cycle. Prerequisite, 70. Not given in 1928-29.

ASSISTANT PROFESSOR ROWE

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

This is a basic and comprehensive course in finance. The financial structure and operation, the uses and sources of funds, the relation of the business executive to his bank, and the safeguarding of credit are studied. The financial needs and operation of both large and small businesses are equally stressed. Prerequisite, 70.

ASSISTANT PROFESSOR ROWE

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

Topics to be studied include corporate organization in modern business, its legal organization, the instruments of finance, promotion, underwriting, capitalization, earning, expenses, surplus, manipulation, insolvency, receivership, reorganization and regulation. Working capital problems and control will be emphasized. Prerequisite, 73. Given in 1928-29 and alternate years.

ASSISTANT PROFESSOR ROWE

76. ELEMENTS OF PUBLIC FINANCE. Second semester. Three credit hours.

This course aims to give the student a knowledge of the principles that should guide the city, state, or nation in raising and expending

revenue. The sources of revenue, the principles of taxation, governmental securities, legitimate fields of expenditure, control of expenditures, are examined. Prerequisite, 51 and one course in Finance. Given in 1929-30 and alternate years.

ASSISTANT PROFESSOR ROWE

77. INVESTMENTS. Second semester. Three credit hours.

Markets and their influence on the price of securities, elements of sound investment and methods of computing net earnings, amortization, rights and conversions, will be studied and various forms of securities will be considered. Prerequisite, 73. Given in 1928-29 and alternate years.

ASSISTANT PROFESSOR ROWE

80. MARKETING. First semester. Three credit hours.

Among the topics covered in this course are marketing functions, marketing of raw materials and manufactured goods, middlemen and their place in the market structure, retail types and policies, consumer and producer co-operation, market finance, associative activities, cost of marketing, prices and price factors. Open to juniors and pre-juniors. Prerequisite, 50-51.

PROFESSOR LEIGH

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

This course presents the problems of marketing from the administrative standpoint. It treats problems of product and market analysis, demand creation, distribution, salesmen, sales campaigns, statistics, and summaries for managerial control. Prerequisite, 80. Given in 1928-29, and alternate years.

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 and its place 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. Methods of correlating the sales and production departments and of analyzing the market are given particular attention. Prerequisite, 86. Not given in 1928-29.

PROFESSOR LEIGH

SECRETARIAL SCIENCE

Two courses of study are offered in Secretarial Science, a four-year course (128 semester hours) leading to the degree B. S. in Secretarial Science, and a two-year course (64 semester hours) for the completion of which a certificate is granted.

The four-year curriculum is designed for those who wish to prepare themselves for the higher grade secretarial and office positions without spending more than four years beyond the high school in preparation. In recognition of the fact that a broad background is invaluable in the upper levels of business, one-half the course is required in academic subjects which provide an introduction to the most important fields of human knowledge and furnish the student with the most essential elements of a standard college education. The required technical subjects provide the needed gateway into the business world, so that at graduation the student is prepared to enter his chosen field. The elective subjects which complete the course may be adapted to the needs of each individual.

The two-year curriculum is designed for those with a capacity for something higher than mere routine stenographic or clerical work, but who prefer not to spend more than two years on the college level in preparation. Technical subjects naturally constitute a larger proportionate part of this curriculum than of the four-year. Students in this course may transfer to the degree course with the permission of the head of the department.

Students in both courses will be required to attain a high degree of proficiency in shorthand and typewriting. This work must be taken outside the regular college course. While it is recommended that those intending to enroll in Secretarial Science elect shorthand and typewriting in high school, arrangements have been made whereby Akron resident students may secure this work in the public schools without tuition. Private lessons or business college work will be equally satisfactory, provided the required proficiency is attained.

Men enrolled in the four-year course must meet the requirements of the Reserve Officers Training Corps.

It is recommended that practical experience be secured during the summer vacations if possible. The Bureau of Student Employment is frequently able to place students in suitable positions. In addition, a limited number of student assistantships are available in

PHYSICAL EDUCATION, MILITARY SCIENCE, AND ELECTIVES

(The electives may be either Academic, Commerce, or Teachers College subjects which are approved for the B. S. degree.)

MEN		WOMEN	
Physical Training -----	4	Physical Training -----	2
Military Training -----	4	Elective -----	22
Elective -----	16		
	24		24
		Total -----	128

FIRST YEAR OF THE DEGREE COURSE

Required freshman subjects are starred. Sufficient others should be chosen to total 16 or 17 hours each semester.

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
*Rhetoric (English 1) -----	3	*Rhetoric (English 2) -----	3
*Secretarial Duties S. 1 -----	3	*Secretarial Duties S. 2 -----	3
*Physical Training -----	1	*Physical Training -----	1
*Military Science (Men) -----	1	*Military Science (Men) -----	1
Problems in Citizenship -----	3	American Government -----	3
Commercial Geography C. 20 -----	3	Ec. Develop. of U. S. C. 23 -----	3
Foreign Language -----	3 or 4	Foreign Language -----	3 or 4
Human Biology (Biol. 13 or 15) -----	2	Human Biology (Biol. 14 or 16) -----	2
History -----	2 or 3	History -----	2 or 3
Algebra (Math. 1) -----	4	Algebra (Math. 1) -----	4

NOTE: Each student, with the advice and approval of the head of the department, will plan each succeeding year of this course so as to fulfill the general requirements already listed.

SUBJECTS OF INSTRUCTION

1. SECRETARIAL DUTIES. First semester. Three credit hours. This fundamental course, required of all freshmen in Secretarial Science, aims to acquaint the student with the origin, nature, and scope of secretarial work, and with the usual duties performed in a modern office. Among the subjects considered are the handling and answering of mail, the securing of information, the preparation of itineraries, budgets, speeches, reports, and documents, proofreading, and the writing of minutes. MR. DOUTT

2. SECRETARIAL DUTIES. Second semester. Three credit hours. While continuing in a general way the work of the first semester, this course stresses especially such subjects as indexing and filing, the use of various office appliances and mechanical devices, and other practical phases of secretarial and general office work. MR. DOUTT

5. BUSINESS CORRESPONDENCE. First semester. Three credit hours.

The purpose of this course is to train the student to apply the principles of English composition to business correspondence. Sales letters, applications for positions, collection letters, and adjustment letters are written, examined and criticized. Prerequisite, Rhetoric 1-2.

MR. DOUTT

6. THE BUSINESS OFFICE. Second semester. Three credit hours.

An analysis of the modern business office and of the office task, including such matters as the functions of the office, disposition of space, light, heat, ventilation, furniture, equipment and mechanical devices in the office, and various types of records. Open to all upper classmen.

MR. DOUTT

10. OFFICE MANAGEMENT. Second semester. Three credit hours.

This course analyzes the office task from a scientific viewpoint, with especial reference to methods of improving existing conditions. The problems of office layout, routing of office work, personal motivation, handling of personnel, and standardizing office tasks are emphasized. Open only to juniors and seniors. Not offered in 1928-1929.

MR. DOUTT

GENERAL COURSES

The letter "A" prefixed to a course number indicates that the course is given in the College of Liberal Arts. The letter "C" refers to Commerce, and "M. E.", "C. E.", and "E. E." to Mechanical, Civil and Electrical Engineering Departments respectively.

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. First semester. Two 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. Two recitations each week, and twelve laboratory hours per semester.

ASSISTANT PROFESSOR SCHAEFER

32. METALLURGY OF IRON AND STEEL. Second 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

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

This course is for sophomores in Mechanical Engineering. Each student gives an oral or written report on some phase of his outside work.

PROFESSOR GRIFFIN

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

This course is for sophomores in Civil Engineering. It includes a study of current civil engineering practice made by means of students' reports on outside employment. Material is also secured from current civil engineering magazines.

PROFESSOR DURST

- 13-14. CO-ORDINATION. First and second semesters. One credit hour each semester.

This course is for sophomores in Electrical Engineering. It covers discussions of such problems as arise in connection with the outside work. Students are expected to make oral and written reports on assigned subjects.

MR. SMITH

NOTE

Courses 21-68 inclusive, are home study courses. During each working period engineering students are given weekly assignments consisting of practical problems in mathematics, physics, and economics, as well as special problems in their particular field.

21. ENGINEERING PROBLEMS. First semester. Two credit hours.

Problems are given in mensuration, algebra and logarithms.

ASSISTANT PROFESSOR GILMOUR

22. ENGINEERING PROBLEMS. Second semester. Two credit hours.

Trigonometry is applied to practical problems in mechanics. Review is given in the resolution and composition of forces and velocities. Prerequisites, Mathematics 51, and Physics 51.

ASSISTANT PROFESSOR GILMOUR

- 31-32. ENGINEERING PROBLEMS. First and second semesters. Two credit hours each semester.

The problems in this course involve trigonometry, algebra, concurrent and non-concurrent forces, and center of gravity. Prerequisites, Mathematics 51-52, and Physics 51-52.

ASSISTANT PROFESSOR GILMOUR

- 41-42. ENGINEERING PROBLEMS. First and second semesters. Two credit hours each semester.

The work done by the students in this course consists of a review of courses Mathematics 53, 54, and 55, with emphasis on problems of a practical nature.

PROFESSOR JONES

- 51-52. ENGINEERING PROBLEMS. First and second semesters. Two credit hours each semester.

These courses consist of problems which review the work given in C. E. 16 and which illustrate topics not taken up in that course. Prerequisites, Mathematics 56, Physics 54, and C. E. 16.

ASSISTANT PROFESSOR BULGER

53. ENGINEERING PROBLEMS. First semester. Two credit hours.

The course offers problems based on the theory given in the prerequisite course. Prerequisite, E. E. 5. PROFESSOR WALTHER

55-56. ENGINEERING PROBLEMS. First and second semesters. Two credit hours each semester.

This course consists of problems in applied mechanics and mechanism. Prerequisites, M. E. 21, M. E. 31.

ASSISTANT PROFESSOR UPP

61. ENGINEERING PROBLEMS. First semester. Two credit hours.

This course is for Civil Engineering seniors. Short problems are given in such subjects as concrete design, sewerage, and structural design. PROFESSOR DURST

62. ENGINEERING PROBLEMS. First and second semesters. Two credit hours.

The course requires a solution of problems illustrating the theoretical principles of the larger economic problems of money and banking, railroads, trusts, and taxation. Prerequisite, Economics 52. PROFESSOR MCJOYNT

65. ENGINEERING PROBLEMS. First semester. Two credit hours.

This course is for Mechanical Engineering seniors. It consists of a series of problems relating to steam power plant engineering and machine design. ASSISTANT PROFESSOR UPP

67-68. ENGINEERING PROBLEMS. First and second semesters. Two credit hours each semester.

This course is open only to Electrical Engineering seniors. The problems of the course review the theory given in the Electrical Engineering courses given during the pre-junior and junior years.

PROFESSOR WALTHER

71-72-73-74. INSPECTION TRIPS. Summer term. Two credit hours.

These trips include visits to prominent industries in Akron and adjacent cities such as Barberton, Massillon, Canton, and Cleveland. The student is required to provide his own transportation and must submit comprehensive written reports.

PROFESSORS DURST, GRIFFIN, AND WALTHER

ECONOMICS

PROFESSOR DAVIS

A. 3. MONEY AND BANKING. First semester. Three credit hours.

This course considers the principles and functions of money, credit and banking, credit instruments, credit and banking institutions, with especial attention to the Federal Reserve System. Prerequisite, C. 50-51.

PROFESSOR DAVIS

A. 4. 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, C. 50-51 or the equivalent.

PROFESSOR DAVIS

A. 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, C. 50-51.

PROFESSOR DAVIS

A. 6. 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, C. 50-51.

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 is strictly insisted upon.

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

MATHEMATICS

PROFESSOR JONES, MISS LIPSCOMBE, MISS REGER, MR. SILBERFARB

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.

MISS LIPSCOMBE, MISS REGER, MR. SILBERFARB

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 Engineering students.

MISS LIPSCOMBE, MISS REGER, MR. SILBERFARB

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, MR. SILBERFARB

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, MR. SILBERFARB

55. CALCULUS. Summer session.

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. MR. SILBERFARB

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, MR. SILBERFARB

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, ASSISTANT PROFESSOR ROLLEFSON, MR. FOUTS

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. MR. FOUTS 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. ASSISTANT PROFESSOR ROLLEFSON AND ASSISTANTS

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.

PROFESSOR HOUSEHOLDER

POLITICAL SCIENCE

PROFESSOR CRECRAFT

A. 1. PROBLEMS OF CITIZENSHIP. First semester; repeated the second semester. Three credit hours.

This is a survey of a group of selected problems of citizenship with equal emphasis placed respectively upon social, economic, and political problems. It is an introductory course to the social and political sciences, based on text books, readings, and discussion.

A. 2. AMERICAN GOVERNMENT. Second semester; also given the first semester. Three credit hours.

This course gives the student an introductory survey of the basic principles, the practical administration, and the foreign relations of the American Government.

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

This course is intended to acquaint students with the relation of government to business. It covers the following topics: necessity for regulation, methods of control, regulating bodies, government ownership, regulation of competition, control of corporations, trusts and labor organizations, government promotion, public activities of business organizations, elements of a national business policy, and activities of 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	-----5 1/2	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.

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.

*These two required units must be in one language.

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, 5, 6, 11, 15, 16, 17, 18, 19, 20, 25, 26; 16 hours of science besides Chemistry 1 and 2; Art, including courses 1, 2, 6, 7, and 20 hours of minors from the following subjects: English (above Freshman Rhetoric) 6, Psychology 6 or Sociology 6, Language (above first year) 4 or 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 all Art and Clothing Courses and in Seminar.

SUGGESTED OUTLINE OF COURSE

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Biology 1	4	Biology 2	4
Home Economics 1	2	Home Economics 2	2
Art 1	2	Art 2	2
*Modern Language	3 or 4	*Modern Language	3 or 4
English 1	3	English 2	3
Physical Training 1	1	Physical Training 2	1
	<u>15 or 16</u>		<u>15 or 16</u>

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Chemistry 1	4	Chemistry 2	4
Home Economics 9	2	Home Economics 10	3
History or Economics	2 or 3	History or Economics	2 or 3
English	3	English	3
*Modern Language	3	*Modern Language	3
Art 6	2	Art 7	2
	<u>16 or 17</u>		<u>17 or 18</u>

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

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Chemistry 7 -----	4	Chemistry 8 -----	4
Home Economics 5 -----	3	Home Economics 6 -----	3
Home Economics 15 -----	4	Home Economics 16 -----	4
Home Economics 19 -----	3	Home Economics 20 -----	3
Psychology or Sociology -----	3	Psychology or Sociology -----	3
	17		17

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Bacteriology or Physics -----	4	Bacteriology or Physics -----	4
Home Economics 25 -----	3	Home Economics 26 -----	3
Home Economics 17 -----	3	Home Economics 18 -----	3
Home Economics 11 -----	2	Public Speaking -----	3
**Physiology 9 -----	4	**Physiology 10 -----	4
	16		17

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

SUBJECTS OF INSTRUCTION

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 LATHROP

- 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 LATHROP

- 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

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 LATHROP

**Offered 1929-30 and alternate years to women.

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 LATHROP

9. MILLINERY. First semester. Two credit hours.

This course includes a study of practical, artistic principles of millinery design and the selection, construction and renovation of hats.

MISS LATHROP

10. HISTORIC COSTUME. Second semester. Three 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 LATHROP

11. SURVEY COURSE. First semester. Two credit hours.

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

MISS LATHROP

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. Also Table and Meal Service.

PROFESSOR STIMMEL

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.

MISS LATHROP

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

MINORS MENTIONED IN PROGRAM

(Detailed Descriptions are Given under Liberal Arts)

ART 1, 2, 6, 7 (Teachers College).

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.

PSYCHOLOGY 1, 2.

SOCIOLOGY 1, 2.

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

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

PHYSICAL TRAINING: At least one year is required.

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THE TEACHERS COL

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 UNIVERSITY OF AKRON

The third purpose is to bring teacher training into closer contact with the instructional, supervisory and administrative forces of the city. The real, vital problems of education may thus be studied by all who represent these forces. In this way the vigorous progressive phases of school work in the city will be reflected in the training courses and the study of these problems by the Teachers College will bring suggestions for methods in teaching, for new forms of training, and for various modifications of school work.

All students are under the rules governing students of the University and are entitled to all the privileges of the institution.

ENTRANCE REQUIREMENTS

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

The requirement for unconditional entrance is 15 units.

The specific requirements for entrance to Teachers College are as follows:

English	3 units
Mathematics (Algebra 1, P. Geometry 1)	2 units
*Foreign Language	2 units
History	1 unit
Science	1 unit

THE ENGLISH CLUB

All undergraduate students in Teachers College are required to do active work in this club for one full year before receiving a diploma or a degree 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 certifica-*

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

tion 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 training teachers. Each student must teach for a semester under regular assignment and is held responsible for results of pupils for the semester. Each training teacher under the regular plan supervises four student teachers. 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.
Rhetoric 1	3	Rhetoric 2	3
Problems of Citizenship 1	3	Amer. Government 2	3
General Psychology 1	3	Nature Study 32	3
How to Study	1	Introduction to El. Ed. 8	3
Speech	3	Art 1	2
Sight Singing	2	Sight Singing	2
Physical Education 1	1	Physical Education 2	1
	<hr/> 16		<hr/> 17

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Biology 1	4	Biology 2	4
English	3	English	3
Educational Psych. 2	2	Educa. Psychology 3	2
Story Telling 11	3	Story Telling 12	3
Kgn.-Primary Art 16	2	Personal Hygiene	2
Play and Games 9	2	Play and Games 10	2
Kgn.-Primary Music 5	1	Kgn.-Primary Music 6	1
	<hr/> 17		<hr/> 17

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THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English	3	English	3
Sociology	3	Sociology	3
Primary Methods 3	3	Tests and Measurements	2
Kgn.-Primary Handwork 17	2	Primary Methods 4	2
Psychology of Learning	2	Songs and Games 2	2
Folk Games 11	2	School Law 12	2
Experimental Psych.	1	Experimental Psychology	1
		Hist. and Philosophy of Kindergarten 3	2
	<u>16</u>		<u>17</u>

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Play Materials 1	2	Practice Teaching 9	6
Child Psych. 4	2	Practice Teaching 23	6
Lit. for Prim. Grades 14	3	Problems of Student Teaching ..	4
Educational Sociology 2	2		
Piano	2		
Principles of Elem. Ed. 9	3		
Gen. Methods, Obs. and Partic- ipation	4		
	<u>18</u>		<u>16</u>

TWO YEAR COURSE FOR ELEMENTARY TEACHERS

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Rhetoric 1	3	History of Ed.	3
Gen. Psychology 1	3	Play and Games 10	1
Play and Games 9	1	Methods	4
Art 1	2	Ed. Psychology	2
Story Telling	3	Am. Govt.	3
Sight Singing	2	Sight Singing	2
Public Sch. Music	1	Public Sch. Music	1
	<u>15</u>		<u>16</u>

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Methods	4	Practice Teaching	12
Tests and Meas.	2	Problems of Student Teaching ..	4
Prin. of El. Ed.	3		
Gen. Methods, Observation and Participation	4		
Personal Hygiene	2		
Art 2	2		
	<u>17</u>		<u>16</u>

Students completing this course will receive a diploma which entitles them to the State certificate but does not place them 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.

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Rhetoric 1 -----	3	Rhetoric 2 -----	3
Problems of Citizenship 1 -----	3	American Government 2 -----	3
Speech -----	3	General Psychology 1 -----	3
How To Study -----	1	Introduction to El. Educa. 2 -----	3
Physical Education 1 -----	1	Physical Education 2 -----	1
Art 1 -----	2	Art 2 -----	2
Sight Singing and Ear Training -----	2	Sight Singing and Ear Training -----	2
	<hr/> 15		<hr/> 17

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Biology 1 -----	4	Biology 2 -----	4
English -----	3	English -----	3
Educational Psych. 2 -----	2	Educational Psych. 3 -----	2
†Story Telling 11 -----	3	School Law 12 -----	2
History of Ed. in U. S. 3 -----	3	Lit. for the Grades 15 -----	3
Experimental Psychology -----	1	Experimental Psych. -----	1
Play and Games 9 -----	1	Play and Games 10 -----	1
	<hr/> 17		<hr/> 16

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Sociology -----	3	Sociology -----	3
Public School Music 9 -----	1	Observation 1 -----	2
Child Psychology 4 -----	2	English -----	3
Folk Games 11 -----	2	Public School Music 10 -----	1
*Teaching Arithmetic 5 -----	2	*Teaching History -----	2
*Teaching Language 6 -----	2	*Teaching Geography -----	2
Electives -----	4	Nature Study 32 -----	3
	<hr/> 16		<hr/> 16

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Tests and Measurements 6 -----	2	Practice Teaching 24 -----	12
Art 8 -----	2	Problems of Student Teaching -----	4
Psych. of Learning 7 -----	2		
Educa. Sociology -----	2		
Prin. of Elem. Ed. 9 -----	3		
Personal Hygiene 4 -----	2		
Gen. Methods, Obs. and Participation -----	4		
	<hr/> 17		<hr/> 16

*Those preparing to teach primary grades will take Primary Methods and Literature for Primary Grades the first semester. The second semester they will take Primary Methods and Story Telling 12.

†Those preparing to teach intermediate grades will take Story Telling 13.

ART COURSE

This course is offered to students who desire to train for teaching and supervising 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
Play and Games 9	1	Play and Games 10	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	3
History of Ed. in U. S. 3	3	Still Life 10	2
	<hr/> 15		<hr/> 16

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English	3	English	3
Commercial Art 14	2	Home and School Crafts 3	2
Mechanical Drawing 18	2	Interior Decoration 7	2
Costume Design 6	2	Mechanical Drawing 19	2
Ed. Psychology 2	2	Commercial Art 15	2
American History 11	2	Ed. Psychology 3	3
Phys. Education 3	1	Physical Education 4	1
Experimental Psych.	1	American History 12	2
	<hr/> 15		<hr/> 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 13	2
Kgn. Handwork 17	2	History of Art 28	2
History of Art 27	2	Speech 1	3
Classical Mythology 7	3	Prin. of El. Ed.	3
Illustration 12	2		
	<hr/> 17		<hr/> 16

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English	3	Practice Teaching 24	12
Child Psychology 4	2	Problems of Student Teaching ..	4
Psychology of Adoles.	2		
Gen. Methods, Obs. and Participation	4		
Electives	5		
	<hr/> 16		<hr/> 16

Students may elect Art as either a major or minor along with some other course. Minor requires 18 hours and Major 24 hours taken in sequence.

COURSE FOR MUSIC SUPERVISORS
AND SPECIAL TEACHERS

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Rhetoric 1 -----	3	Rhetoric 2 -----	3
General Psychology 1 -----	3	Hist. of Ed. in U. S. -----	3
Folk Games -----	2	Folk Games -----	2
How To Study -----	1	Harmony -----	2
Elementary Theory and Harmony	2	Sight Singing and Ear Training	2
Sight Singing and Ear Training	2	Piano -----	2
Voice -----	1	Voice -----	1
Piano -----	2	Glee Club -----	1
Glee Club -----	1	Orchestra -----	1
Orchestra -----	1		
	<hr/> 18		<hr/> 17

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Biology 1 -----	4	Biology 2 -----	4
English -----	3	English -----	3
European History -----	3	European History -----	3
Play and Games 9 -----	1	Play and Games 10 -----	1
Sight Singing and Ear Training	2	Sight Singing and Ear Training	2
Harmony -----	2	Harmony -----	2
Piano -----	2	Piano -----	2
Voice -----	1	Voice -----	1
	<hr/> 18		<hr/> 18

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Speech -----	3	Dramatic Study Club -----	1
Pub. Sch. Music Methods -----	2	Ed. Psychology -----	3
Counterpoint -----	2	Pub. Sch. Music Methods -----	2
Hist. and Appreciation of Music	3	Counterpoint -----	2
Piano -----	2	Hist. and Appreciation of Music	3
Voice -----	1	Piano -----	2
String Ensemble -----	1	Voice -----	1
Electives -----	4	String Ensemble -----	1
	<hr/> 18	Music Composition -----	2
			<hr/> 17

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Principles of Education -----	3	Conducting -----	2
Organization in Pub. Sch. Music	2	Practice Teaching -----	12
Orchestration -----	3	Problems of Student Teaching	4
Form and Analysis -----	3		
Brass and Wood Instruments	1		
Gen. Methods, Observation and Participation -----	4		
	<hr/> 16		<hr/> 18

Students completing this course will receive the B. E. degree. Students may elect music as either a major or minor along with other majors for junior and senior high school teaching. Such teachers are certified by the State Department as special teachers of music.

Prerequisite for entrance to four year course is fourth grade examination in Piano, Violin or any instrument, which will be given during Freshman Week of the first term.

All Voice students will be required to attend and participate in Glee Club practice and activities. All Violin and other string instruments will be required to attend and participate in Orchestra rehearsals and activities. The same applies to the Band for those students who play Brass and Wood Wind instruments.

MAJOR—24 SEMESTER HOURS

Sight Singing, Ear Training and Elementary Theory	6 semester hours
History and Appreciation	4 semester hours
Special Methods and Practice Teaching	8 semester hours
Ensemble (Glee Club, Orchestra, Chorus and Band) and Applied Music	4 semester hours
Conducting	2 semester hours
Total	<u>24 semester hours</u>

MINOR—18 SEMESTER HOURS

Sight Singing, Ear Training and Elementary Theory	4 semester hours
History and Appreciation	4 semester hours
Methods including Observation	6 semester hours
Ensemble (Glee Club, Chorus, Orchestra and Band) and Applied Music	4 semester hours
Total	<u>18 semester hours</u>

HOME ECONOMICS COURSE

The following course leads to the Bachelor of Education degree and eligibility for appointment in the Akron schools. 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
Play and Games 9 -----	1	How to Study 1 -----	1
		Play and Games 10 -----	1
	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	Hist. of Costume -----	2
Hist. of Ed. in U. S. 3 -----	3	Social Science -----	3
Social Science -----	3	Art 7 -----	2
		Millinery 10 -----	2
	16		17

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
House 17 -----	3	House 18 -----	3
		Dress 6 -----	2
	16		17

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English Lit. -----	3	Practice Teaching 24 -----	12
Art 6 -----	2	Problems of Student Teaching 14	4
Gen. Methods, Obs. and Participation -----	4		
Ed. Sociology -----	2		
Tests and Measurements -----	2		
Special Methods -----	4		
	17		16

COURSE FOR COMMERCIAL TEACHERS

Students entering this course must have at least two entrance credits in stenography, typewriting or bookkeeping. Foreign language is not required for entrance. The student must satisfy the instructors and the 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	Rhetoric 2 -----	3
Rhetoric 1 -----	3	Physical Education 2 -----	1
Physical Education 1 -----	1	Economic Development of the	
Secretarial Duties S. 1 -----	3	U. S. C. 23 -----	3
Commercial Geography C. 20 -----	3	Business Administration C. 60 -----	3
Problems of Citizenship 1 -----	3	Com. Arithmetic -----	3
Personal Hygiene -----	2	Secretarial Duties S. 2 -----	3
	<hr/>		<hr/>
	16		16

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Economics C. 50 -----	3	Economics C. 51 -----	3
English 25 -----	3	English 26 -----	3
Physical Education 3 -----	1	Physical Education 4 -----	1
Accounting C. 30 -----	4	Accounting C. 31 -----	4
Money and Banking -----	3	Statistics C. 51 -----	4
Folk Games -----	2	Folk Games -----	2
	<hr/>		<hr/>
	16		17

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Educational Psychology 2 -----	2	Educational Psychology 3 -----	2
Business Law C. 40 -----	2	School Law 12 -----	2
Business Finance C. 73 -----	3	Hist. of Ed. in U. S. 3 -----	3
Cost Accounting C. 34 -----	2	Cost Accounting C. 35 -----	2
Marketing C. 80 -----	2	Railway Transportation C. 55 -----	3
Principles of Education -----	3	Bus. Law C. 41 -----	2
Business Correspondence S. 5 -----	3	Business Office S. 6 -----	3
	<hr/>		<hr/>
	17		17

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Thesis -----	4	Practice Teaching -----	12
Psychology of Adoles. -----	2	Problems of Student Teaching -----	4
Gen. Methods, Obs. and Partic. -----	4		
Electives -----	6		
	<hr/>		<hr/>
	16		16

FOUR YEAR INDUSTRIAL 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 Teachers College and may be secured during the summer vacations. At the end of the Freshman year, the student will select his major industrial 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	3
College Algebra 1	4	Trigonometry 2	4
History of Education in U. S.	3	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
	16		17

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
Mechanical Drawing	2	Methods in Shop Subjects 26	2
R. O. T. C. and Gymnasium	2	Mechanical Drawing	2
Major in Shop	3	R. O. T. C. and Gymnasium	2
Trade Analysis	2	Major in Shop	3
	17		18

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Physics 1	4	Physics 2	4
Sociology	3	Sociology	3
Principles of Economics 1	3	Principles of Education	3
Major in Shop	3	Major in Shop	3
Curriculum Building	2	Hist. and Philos. of Voc. Ed.	2
	15		15

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Administration of Vocational Education 29	2	Practice Teaching 24	12
Field Project Suitable to Major Subject 22	4	Problems of Student Teaching ..	4
Professional Ethics 13	1		
Major in Shop	3		
Ed. and Voc. Guidance	2		
Shop Sketching	1		
Psychology of Adoles.	2		
	15		16

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
Problems of Citizenship 1	3	Am. Govt. 2	3
History of Education in the United States 3	3	General Psychology 1	3
Physical Education 1	1	Physical Education 2	1
First Aid and Massage 16	1	Play and Games 10	1
Folk Games 11	2	First Aid and Massage 17	1
Play and Games 9	1	Introduction to Ed.	3
How to Study 1	1	Folk Games 12	2
	15		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	2
Physical Education 3	1	Physical Education 4	1
Human Physiology 9	4	Applied Anatomy 18	3
History of Physical Education 28	2	Human Physiology 10	4
Experimental Psychology	1		
	17		17

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Sociology	3	Sociology	3
Prescription of Exercise 19	2	Prescription of Exercise 20	2
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
Personal Hygiene 4	2	School Law 12	2
Principles of Ed.	3	Principles of Coaching	2
		Swimming 7	1
		Electives	2
	15		16

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Administration of Physical Education 25	2	Teaching Physical Education 26	12
Physiology of Exercise 24	2	Problems of Student Teaching	4
Electives	4		
Ed. Sociology	2		
Psyc. of Adoles.	2		
Gen. Methods, Observation and Participation	4		
	16		16

Students may elect physical education as a major or minor along with other majors for junior and senior high school teaching. Minor, 18 sem. hrs. Major, 24 sem. hrs. These courses must be taken in sequential order.

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 appointments 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 12 hours of the Social Sciences, besides carrying 2 majors of 24 hours each. All state requirements will be included.

FOUR YEAR COURSE FOR HIGH SCHOOL TEACHERS

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Problems of Citizenship 1	3	American Government 2	3
General Psychology 1	3	History of Ed. in U. S.	3
How to Study	1	Play and Games 10	1
Play and Games 9	1	Rhetoric 2	3
Rhetoric 1	3	Electives	6
Introduction to Sec. Ed.	3		
Electives	2		
	<hr/> 16		<hr/> 16

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Science (Biology preferred)	4	Science (Biology preferred)	4
English	3	English	3
Educa. Psychology 2	2	Physical Education	1
Physical Education	1	Educational Psychology 3	2
Experimental Psych.	1	Experimental Psychology	1
Electives	5	Electives	5
	<hr/> 16		<hr/> 16

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Sociology	3	Sociology	3
Electives	13	Psych. of Adolescence	2
	<hr/> 16	Electives	11
			<hr/> 16

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Tests and Meas. for Secondary Schools 103	2	Practice Teaching	12
Prin. of Sec. Educa. 101	3	Problems of Student Teaching	4
Mental Hygiene 104	2		
Ed. Sociology 2	2		
Electives	2		
Gen. Meth., Observation and Participation	4		
Character Education	2		
	<hr/> 17		<hr/> 16

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, four hours in education and four hours 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 Language 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
Music	1-36
Physical Education	1-28
Psychology	1- 8

GRADUATE COURSES

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

SUBJECTS OF INSTRUCTION

ART

MRS. BARNHARDT, MISS CABLE, MR. PEAT

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 all advanced courses.

2. DESIGN. Second semester. Two credit hours.

This is a course in advanced design including the adaptation of units 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, 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, hocked rugs, weaving. Prerequisite, 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, 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, and 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.

9-10 STILL LIFE. First and second semesters. Two credit hours each semester.

A course in free-hand drawing from common objects and natural forms using different mediums. Prerequisite, Art 8.

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 studied. Prerequisite, Art 10.

12-13. ILLUSTRATION. First and second semesters. Two credit hours each semester.

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 are taught. MR. PEAT

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. MR. PEAT

16. KINDERGARTEN-PRIMARY 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 stick printing, water colors, scissors and crayons is sought.

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

This is a methods course preparatory for teaching 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.

20. HISTORY OF ART. First semester. Two credit hours.

A comprehensive history of European painting, sculpture and architecture to the Italian Renaissance. MR. PEAT

21. HISTORY OF ART. Second semester. Two credit hours.

The history of European and American painting, sculpture and architecture from the Renaissance to the present time. MR. PEAT

EDUCATION

DEAN BANKES, PROFESSOR HAYES, PROFESSOR KUHNES, MR. SMITH,
MISS HOOVER, MR. ERWINE, MR. WOOD, MR. SNYDER,
MRS. KINCAID, MR. NEUWIRTH

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. INTRODUCTION TO ELEMENTARY EDUCATION. Second semester. Three credit hours.

This course is designed to introduce the teacher to the problems of Elementary Education. It is a survey course of the field of Education.

MR. SNYDER

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. NEUWIRTH, MRS. KINCAID

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

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

The object of the course is to present materials and methods for the teaching of nature study. Science teachers in platoon schools will find this course especially helpful.

ASSISTANT PROFESSOR SLAGG

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.

MR. WOOD

7. INTRODUCTION TO SECONDARY EDUCATION. First semester. Three credit hours.

This course is designed to introduce the teacher to the problems of Secondary Education. It is a survey course of the field of Secondary Education.

MR. SNYDER

9. PRINCIPLES OF ELEMENTARY EDUCATION. First semester.
Repeated 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. MR. WOOD

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

INDUSTRIAL AND VOCATIONAL EDUCATION

MR. GREENLY, 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 AND PHILOSOPHY OF VOCATIONAL EDUCATION.
Second semester. Two credit hours.

This course includes a brief survey of the rise and development of Vocational Education in Europe and America, historical and contemporary theories of Vocational Education, the place of Vocational Education in a democracy, apprenticeship under the guild system, various types of organization for Vocational Education, and theories underlying state and federal aid for Vocational Education.

MR. GREENLY

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

The purpose of this course is 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. OCCUPATIONAL ANALYSIS. First and second semesters.
Two credit hours each semester.

This is a comparative study of various methods of occupational analysis for curricular purposes and development of a standard technique to determine content of courses for vocational and special continuation schools and classes. Analysis may be made of any occupation for which there is educational demand.

MR. GREENLY

29. ORGANIZATION AND ADMINISTRATION OF VOCATIONAL EDUCATION. First semester. Two credit hours.

A brief description of state and local school organization and administration, provision for and administration of the Smith-Hughes Act, procedure in establishing and maintaining the types of classes and instruction in accordance with the federal act and state plans, the unit trade school, cosmopolitan high school, part time schools, co-ordination of vocational schools and industry, and organization and functions of apprenticeship committees, will be taken up.

MR. GREENLY

30. OBSERVATION AND PRACTICE TEACHING. First and second semesters. Two credit hours each semester.

This is a study of vital elements of a good recitation. It includes also a comparative consideration of score sheets, visiting of classes conducted by teachers in a regular school, and of observations in definite form as indicated on the score sheet, followed by group discussions. Practice teaching is for development of technique rather than skill; each teacher observes the lessons taught by others of the group and participates in the discussions of

the presentation. Approximately half of each recitation is given over to a demonstration and the remaining time is spent in discussing the merits of the lesson.

MR. GREENLY

25. ORGANIZATION OF INSTRUCTION MATERIAL. First semester. Two credit hours.

This course makes an inquiry into the sources of course content and a study of principles governing modern curriculum construction. Application of governing principles to establish an effective arrangement of teaching content required for occupational courses in vocational and special continuation schools and classes. Logically this course of study follows that in Occupational Analysis.

MR. GREENLY

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

Described under Art.

KINDERGARTEN TRAINING

MISS KEMLER

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, and building blocks. These materials are selected in relation to the developing child in the light of modern educational theory.

MISS KEMLER

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, and tracing their development. 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.

MISS KEMLER

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.

MISS KEMLER

5-6. KINDERGARTEN MUSIC. First and second semesters. One credit hour each semester.

Described under Music.

7. PIANO. First and second semesters. Two credit hours each semester.

This course consists of private lessons in piano.

PROFESSOR DE LEONE

9. PRACTICE TEACHING. Second semester. Six credit hours. Students will teach in the Akron Kindergartens under normal conditions as they exist in the city.

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

MR. SNYDER, MISS HOOVER, DEAN BANKES, MISS KEMLER

1. OBSERVATION. Second 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

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 KEMLER

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 methods to be used in teaching 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 work.

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

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 KEMLER

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 KEMLER

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 KEMLER

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

23. PRACTICE TEACHING. Second semester. Six 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.

25. GENERAL METHODS, OBSERVATION AND PARTICIPATION.
First semester. Repeated second semester. Four credit hours.

All students are required to take this course the semester next preceding Practice Teaching. The purpose of the course is to prepare students for entering upon their duties as cadet teachers. Observation of teachers at work and participation in school room practices make up part of the actual work of the semester. DEAN BANKES

26. PROBLEMS OF STUDENT TEACHING. First semester. Repeated second semester. Four credit hours.

This is a conference course on classroom management and methods in the subjects taught in practice teaching. Texts and references on management and methods will be studied. Required of all students doing practice teaching. DEAN BANKES

24. PRACTICE TEACHING. First semester. Repeated second semester. Twelve 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.

MUSIC

MR. FRANCESCO B. DELEONE, *Director*; MR. WILLIAM E. STRASSNER,
MR. J. GARFIELD CHAPMAN, MISS LILLIAN HENDERSON

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

The University offers sixteen scholarships in piano, voice, and violin, for students who are taking the Kindergarten and Music Supervisors courses, and to other students in music who are especially qualified and gifted. The scholarships are competitive and the selection is made by the Music Faculty. This procedure offers a splendid opportunity for students to further their musical education.

Opportunity is also offered for private instruction in piano under Mr. DeLeone, 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. CHAPMAN

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

MR. STRASSNER

THEORY COURSE

Students must take the Theory course in conjunction with Piano, Voice, or Violin in order to receive credit for the work.

FIRST YEAR

1-2. ELEMENTARY THEORY AND HARMONY. First and second semesters. Two credit hours each semester.

This study is carried on as class room work and includes the rudiments of music in detail, Intervals, Triads, Chords of the Seventh, and Thorough Bass. Written and oral exercises on all subjects.

SECOND YEAR

3-4. THE CHORDS OF THE NINTH AND DIMINISHED SEVENTHS. First and second semesters. Two credit hours each semester.

The harmonization of major, minor and chromatic scales. Modulation and Transposition. Harmonization of given Melodies. Harmonization of given Basses. Suspensions, Retardations, Pedal Point, the Passing Note and the accompaniment. Prerequisite, first year's work. Text—Camillo De Nardis.

THIRD YEAR

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

Simple Counterpoint—rules and general instructions to be applied to all the Species of Counterpoint. Two Part Counterpoint through the five species. Three Part Counterpoint through the five species and variations. Four Part Counterpoint through the five species and variations. Imitation through all forms. Double, triple and quadruple Counterpoint. Fugue. Prerequisite, complete Harmony course.

8. MUSIC COMPOSITION. Second semester. Two credit hours. Original creative work based on the Chorale, Song Writing, Dance Forms, etc.

FOURTH YEAR

9. ORCHESTRATION. First semester. Three credit hours.

The study of orchestral instruments; the string quartet—Brass—Wood Wind—Percussion; Score reading—Practical work in orchestration.

10. FORM AND ANALYSIS. First semester. Three credit hours.

Analysis of the smaller and larger forms, the motive, section, phrase, half period, period and double period. Song forms, the Sonata, etc. Choice of Classic literature—Mendelssohn—songs without words. Bach—Fugues. Sonatas—Mozart—Beethoven—Works of Chopin, etc.

11. BRASS AND WOOD WIND INSTRUMENTS (BAND). First semester. One credit hour.

Practical knowledge of same. Position—Tuning—Score Reading—interpretation—developing of ability to encourage and develop others.

12. CONDUCTING. Second semester. Two credit hours.

Practical work before Glee Club, Orchestra, Band in the art of conducting. Special emphasis will be placed also on the methods of organization and discipline.

PUBLIC SCHOOL MUSIC

MISS HENDERSON

30-31. SIGHT-SINGING AND EAR TRAINING. Two credit hours each semester.

This course is designed to develop an eye and ear vocabulary in music. Graded series are used for sight singing. Hollis Dann segmentals are used for ear training.

9. PUBLIC SCHOOL MUSIC (Primary Grade). One credit hour. 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 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.

10. PUBLIC SCHOOL MUSIC (Upper Grade). One credit hour. 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, Sight Singing 30.

35-36. HISTORY AND APPRECIATION OF MUSIC. First and second semesters. Three credit hours each semester. History of Music, Methods and demonstration in presenting elements of appreciation from first to twelfth grades inclusive.

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.

PIANO

MR. DE LEONE

FIRST YEAR

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

Major and Minor Scales—Arpeggios—Broken Chords with Rhythm and in different forms; The Little Pischna—Hanon; Loeschorn Op. 66; Czerny Op. 299, Selected; Heller 50 Selected Studies; Bach-Reinecke 12 little preludes; Clementi and Kuhlwa Sonatinas Selected; Selected Compositions from the Classics and contemporary masters. Two half hour lessons weekly throughout year.

SECOND YEAR

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

Major, Minor and Chromatic Scales, Arpeggios, Broken Chords continued; Pischna; Loeschorn Octave Studies; Czerny Op. 740 Selected; Bach Two and Three part Inventions; Easier Sonatas of Haydn—Mozart—Beethoven; Compositions selected from

Chopin Valses and Mazurkas; Mendelssohn's Songs Without Words; Grieg and MacDowell Op. 390. Two half hour lessons weekly throughout the year.

THIRD YEAR

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

Scales, Major and Minor in Double 3rds and 6ths; Advanced forms of Arpeggios and Broken Chords, also special exercises; Kullak Octave Studies; Cramer 50 Selected Studies; Bach Selected from French and English Suites; Sonatas—Beethoven and others; Chopin Selected from Nocturnes—Impromptus—Preludes—Repertoires. Two half hour lessons weekly throughout the year.

FOURTH YEAR

7-8. PIANO. First and second semesters. Two credit hours each semester.

Special work in Advanced Technique; Clementi—Gradus Ad Parnassum; Moscheles Op. 70; Bach—Preludes—Fugues—W-T-C—Selected; Chopin Etudes Op. 10 and 25; Schumann—Etudes Symphoniques; Repertoire selected from Lizst, Rubenstein, MacDowell and Moderns.

Requirement for graduation—public recital of a program from memory or a Concerto with 2d piano or orchestral accompaniment.

VIOLIN

MR. CHAPMAN

FIRST YEAR

1-2. VIOLIN. First and second semesters. One credit hour each semester.

Gruenberg Scales and Chords, Book II; Mazas' Melodious and Progressive Studies, Op. 36, Book I and II; supplemented with selected solos, duets and parallel studies.

SECOND YEAR

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

Scales and Chords, Book II—Gruenberg; 24 Studies Op. 80, Book I and II—Hans Sitt; Kreutzer 42 Studies begun; supplemented with solos, duets and parallel studies.

THIRD YEAR

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

Scales and Chords, Book II; Kreutzer 42 Studies continued; Fiorillo 36 studies begun; DeBeriot Concertos 7 and 9.

FOURTH YEAR

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

Fiorillo continued; Rode 24 Studies; Mendelssohn Concerto; Introduction and Capriccio—Saint-Saens; Sixth Sonata E mj. Bach.

VOICE

MR. STRASSNER

The aim of the instruction in Voice is to secure a free, natural tone throughout the entire register. Good tone depends upon a body and vocal apparatus, poised and operating so naturally that there is no ruinous interference from the tightening of any part of the vocal organs from the larynx upward, nor any strain caused by unnatural breathing.

Correct use of the breath, intonation, attack legato, accent, embellishments, phrasing and enunciation are taught in the technical drills.

It is the hope to prepare pupils for teaching, church choirs and the concert stage and through them advance the cause of artistic singing.

FIRST YEAR

1-2. VOICE. First and second semesters. One credit hour each semester.

Principles in the proper production of tone for both speaking and singing. Reading and reciting of poetry for the development of imagination as the basis of expression. Selected vocalises involving the study of intervals, major and minor scales and arpeggios. Suitable songs and ballads for diction and interpretation. Two half hour lessons per week.

SECOND YEAR

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

Continued drill on tone according to the needs of the individual student. More advanced vocalises such as Concone, Lamperti and others. Art songs by classic and modern composers. Must take part in student recitals and ensemble singing. Two half hour lessons per week.

THIRD YEAR

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

Continued technical studies and embellishments. More emphasis on style and expression. More advanced vocalises by Bordogni, Concone, Sieber and others. More difficult songs by composers of the Classics. Recitals and ensemble singing. Two half hour lessons per week.

FOURTH YEAR

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

Repertoire—Selected recitatives and arias from Oratorio and Grand Opera. Complete role in one or more oratorios. Classics of various nationalities sung in the original language. Ensemble singing. Public graduation recital from memory. Supervised teaching and pedagogy. Two half hour lessons per week.

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. Second 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

11-12. FOLK GAMES. First and second semesters. Two credit hours each semester.

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, and program building for the elementary grades. The second half 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 courses of study are studied. Special projects are assigned. 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. Twelve 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.

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

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

PSYCHOLOGY

PROFESSOR HAYES, PROFESSOR KUHNES, MR. WOOD

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. WOOD

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, MR. WOOD

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 KUHNES

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. First semester. Two credit hours.

In this course, a study of the learning process will be made. Laboratory and class experiments dealing with memorizing and forgetting as applied to various types of material will be made. Special attention will be given to types of memory and learning aptitudes. Open to advanced students.

PROFESSOR HAYES

8. EXPERIMENTAL PSYCHOLOGY. One credit hour.

This is a laboratory course. The purpose is the interpretation by actual experimentation of the laws and principles which have been developed in general psychology. The experiments will be confined to the field of sensation, perception and the interpretation of the laws of learning. Two hours of laboratory work will be required for one hour of credit.

PROFESSOR HAYES

GRADUATE COURSES

DEAN BANKES, PROFESSOR HAYES, PROFESSOR KUHNES, MR. WOOD

EDUCATION

101. PRINCIPLES OF SECONDARY EDUCATION. 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.

PROFESSOR KUHNES

103. TESTS AND MEASUREMENTS FOR SECONDARY SCHOOLS. Second semester. Two credit hours.

This course is designed to meet the needs of high school teachers. The following topics will be considered: need for standards in grading, simple statistical methods, history of mental and educational tests, standard criteria for making and judging tests, and a careful study of the latest and most practical tests devised for use in high schools.

MR. WOOD

104. GREAT TEACHERS. First semester. Two credit hours.

This course makes an intensive study of the great teachers of all times, with emphasis upon their contributions to educational philosophy, and their technique of teaching and mental hygiene.

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

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. Second 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. WOOD

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

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 social conditions in the light of their educational significance. The chief aim of the course is to 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. CHARACTER EDUCATION. First semester. Two credit hours.

This is study of the psychological background for character formation and the psychology of character traits. The relation of moral to mental activity and the relative effects of school subjects upon character development will be emphasized. MR. WOOD

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. 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. GREENLY

119. STATISTICAL METHOD APPLIED TO EDUCATION. First semester. Two credit hours.

This is a course for advanced and graduate students. The manipulation and interpretation of educational data will form the basis for this course. PROFESSOR HAYES

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 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 will receive attention. Current literature 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.

PROFESSOR HAYES

104. MENTAL HYGIENE. First 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 basic 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.

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

110. PSYCHOLOGY OF THE JUNIOR HIGH SCHOOL PUPIL. Second semester. Two credit hours.

A careful psychological study will be made of the characteristics of junior high school pupils.

MR. WOOD

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 AND SATURDAY COURSES

Evening and Saturday courses are offered throughout the year. Further information may be secured from Dean W. J. Bankes, or the Director of the Evening Session.

THE EVENING SESSION

LOWELL L. HOLMES, S. B., *Director*

PURPOSE

The Evening Session of the University of Akron attempts to bring to the adults of Akron and vicinity professional, mastery, and cultural courses of college grade. Education is a life-long process. One must keep abreast of the demands and opportunities of life. An individual or community that fails to provide for and recognize the opportunity for continued education will not only lose much of the richness, beauty and joy of life, but will also fall hopelessly behind in the economic struggle.

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.

The Evening Session is a department of the University of Akron offering credit and non-credit courses. All credit courses are of standard grade.

ADMISSION

The Evening Session is open to all persons who have completed the course of a first grade high school, and to any man or woman over twenty-one years of age who is qualified to pursue a course of study. In cases of doubt, the applicant may be admitted on probation with the written consent of the Director of the Evening Session and approval of the instructor.

"STUDY WITH A PURPOSE"

Ambitious persons who invest their time in study should plan ahead and take advantage of those courses of training which will fit them for their own particular work. "Study with a Purpose"

gives a definite goal. Programs of study may be chosen in the various departments as follows:

BUCHTEL COLLEGE OF LIBERAL ARTS

The greater part of the first two years of work required for the B. A. degree may be taken in the Evening Session while the student is gainfully employed. For requirements, consult the bulletin of the College of Liberal Arts and arrange with Dean Spanton a definite course to pursue.

CURTIS SCHOOL OF HOME ECONOMICS

Courses in home management and laboratory work in foods and wearing apparel are given.

COMMERCE AND ADMINISTRATION

Students may select a three or four-year course which leads to a certificate. By combining work in Buchtel College of Liberal Arts with work given in the College of Engineering and Commerce one may complete his course of study for a B. S. degree in Commerce and Administration.

ENGINEERING

Courses are offered in Civil, Electrical, and Mechanical Engineering.

THE TEACHERS COLLEGE

For planned courses consult the Teachers College Bulletin and arrange with Dean Banks a definite course of study leading to a degree and certification by the State Department of Education.

REGISTRATION

Students register in person in September and in February for the following semester. Registration is carried on in the main lobby of Buchtel Hall, on the University Campus.

Members of the faculty will be present at the time of registration to advise students regarding courses.

No student will be admitted to class work for credit after classes have been in session two weeks.

A late registration fee of \$1.00 is charged for registration after September 22, 1928, and February 9, 1929.

ACADEMIC CREDIT

College credit will be given on the basis of one credit hour for the completion of 15 clock hours of recitation work. Each hour of recitation should require two hours of library and home preparation to maintain college standards. In order to save time for the adult student in travel to and from the University, classes are scheduled for the full 60 minute hour over a period of fifteen weeks (see calendar). Two-hour classes are scheduled to meet at 4 p. m., 6 p. m. or 8 p. m.; courses giving three hours of credit are scheduled at 6:30 p. m. and 8:00 p. m. for one and one-half hours of recitation

two nights each week. Thus a student may secure four credit hours by attending classes one evening or five credit hours by attending two evenings a week for one semester.

RECORD OF CREDIT

At the end of each semester the Registrar will mail the record of grades to the last known address of the student. On request, these records will be mailed to other colleges to apply toward a degree, or to the State Department of Education for certification, or to the student's employer.

STUDENT'S SEMESTER LOAD

Students holding full-time positions will be permitted to take six semester hours of work (90 hours of recitation) during any semester. Additional hours must be approved in writing by the Director of the Evening Session.

CHANGE IN SCHEDULE

Changes may be made in registration of courses or class sections upon the payment of \$1.00 until end of the second week of the semester.

EXAMINATIONS AND GRADES

A final examination is given in each subject for which credit is given, at the end of each semester. In examinations, as in class and home work, account is taken of the student's use of English, the form of the paper in general and the organization of material.

Students are graded by the following system:

A	Excellent	93-100 inclusive	3	Quality points
B	Good	85- 92	2	" "
C	Fair	77- 84	1	" "
D	Poor	70- 76	no	" "
E	Conditioned	Below 70		
F	Failed	Below 70 (numerical grade should be reported)		
I	Incomplete			

The grade E, "Conditioned" shall be construed to mean that although the semester's work is not of passing grade, the deficiency may be made up without repeating the course in class. No grade higher than D shall be given for the removal of a Condition. Failure to remove the deficiency satisfactorily by the close of the student's next semester in the University shall convert the grade to F.

The grade I, "Incomplete" 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 passing grade. Failure to complete the omitted work in a satisfactory manner within the prescribed time shall convert the grade to F.

Instructors base the grade upon attendance, recitation, industry, home work, special problems and papers, and the final examination.

ATTENDANCE AND COLLEGE CREDIT

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 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.) Two absences from an hour and a half session shall reduce the credit .3 of an hour. Each student shall be responsible for signing the attendance record provided for that purpose. This record is collected 30 minutes after the class convenes and is filed at the office of the Evening Session. Absence from one-third or more of the sessions of the class shall bar the student from participation in the final examination and credit.

Any student may, with the permission of the instructor and notification of the Director of the Evening Session, audit a course without working for credit. This decision must be made within the first two weeks, and notification given and recorded. Fees are the same as for students enrolled for college credit.

DEGREES

Students seeking credit toward a degree either at the University of Akron or any other university should see the University Examiner to make sure that their entrance credits meet the requirements. Each candidate for a degree at the University of Akron must declare his intention to graduate at the time of registration in the fall prior to the June graduation exercises. Each candidate shall comply with all rules and regulations of the college granting the degree.

CONFERENCES BY APPOINTMENT

The Director will be available for consultation with students and prospective students each Wednesday evening after September 4, and at other times by appointment. The members of the Advisory Committee for the Evening Session, (Dean Ayer, Dean Bankes and Dean Spanton) will interview students who are planning to take degrees in their respective colleges. Those wishing to meet the Deans will leave their names at the office and notice will be sent to them announcing the time for conference.

FEEES

See statement in general information section of this catalog.

STUDENT ACTIVITIES

THE HILL-TOP EVENING STAR. The members of the Journalism class publish this official organ of the Evening Session. It appears every third Monday throughout the college year. Contributors are not limited to those taking the classes with Mr. Vance, the University Editor, but the greater benefit may be obtained by class attendance.

THE EVENING LUNCHEON CLUBS. The Director of the Evening Session will welcome initiative on the part of students to organize evening "luncheon" clubs, to meet at 5:15 at the University Cafeteria in Curtis Cottage. The Cafeteria staff will provide a luncheon at a nominal charge. Speakers from the faculty and from the professional and business ranks of the city may be secured to provide entertainment or give instructive talks as the group desires. These evening luncheon clubs may be designated according to the evening on which they meet, for example, "The Monday Night Club."

THE ART CLUB. Students who have finished two semesters of art with the grade of B or better and who submit an acceptable original piece of art work (any kind or medium) to the admissions committee may join the Art Club. This club meets the first and third Tuesday evenings of the month in Phillips Hall. (See Mrs. Barnhardt, head of the Art Department.)

BIOLOGY CLUB. After satisfying certain requirements, students who are interested in Biology may be admitted to the Biology Club. (See Dr. Plowman or Dr. Kraatz.)

COMMERCE CLUB. Students are invited to attend the meetings of the Commerce Club. The major interest of this club is to foster better higher education in business, and to form contacts with executives in business. Membership is possible for students majoring in Commerce who meet the requirements of the club. (See Professor Leigh.)

FRENCH CLUB. Students interested in the study of the French language and customs are invited to meet with the French Club. (See Miss Reed.)

SPANISH CLUB. Students interested in the study of the Spanish language and customs may become members of the Spanish Club. (See Miss Rogers.)

HOME ECONOMICS CLUB. Evening Session Home Economics students may become members of the Home Economics Club if they are interested. The dues are \$0.50 a semester. Those majoring in Home Economics, working for a B. S. degree in Home Economics, and of junior rank are eligible for membership in the club. (See Miss Stimmel.)

SPECIAL LECTURES

During the academic year 1927-28 the following lectures and special talks were given before the Evening Session classes:

ADVERTISING

Advertising—E. E. Humphrey, Advertising Department, The Miller Rubber Company.
 Product—Gates Ferguson, Director of Publicity, The B. F. Goodrich Rubber Company.
 Market—R. S. Wilson, General Sales Manager, The Goodyear Tire and Rubber Company.
 Sales Plan—R. A. Clark, Vice President, Eddy and Clark Advertising Agency.
 Media—H. R. Baker, President, Advertising Club of Akron, Advertising Manager, The Miller Rubber Co.
 Copy—Edward Welsh, President, Welsh and Johnson Advertising Agency.
 Layout and Typography—Fred Danner, President, Akron Typesetting Co.
 Art and Color—Donald Brown, President, Donald Brown Advertising Agency.
 Retail Advertising—J. A. Hildebrand, Merchandising and Sales Manager, The C. H. Yeager Co.
 National and Local Advertising Tie-Up—Frank Griffin, Advertising Manager, Seiberling Rubber Co.
 Direct-by-Mail—Ben Stiller, Advertising Manager, General Tire and Rubber Co.
 Outdoor Advertising—Lucien King, Outdoor Advertising Representative.
 Radio Advertising—Nat Lewers, Ohio Advertising Company.
 Dealer Helps—W. A. Shoemaker, Advertising Department, The Goodyear Tire and Rubber Co.
 Psychology in Advertising—L. B. Krob, Advertising Manager, The Beacon Journal.
 Copy Headlines—George Missig, Advertising Manager, The Times Press.
 Advertising Research—Ralph Failor, Eddy and Clark Advertising Agency.
 Advertising Agencies—George Fishback, Eddy and Clark Advertising Agency.
 Copy Writing—C. W. McDaniel, Eddy and Clark Advertising Agency.
 How to Get Into Business—Alfred Herberich, Lawyer and Financier.
 Paper—M. M. Dice, Commercial Printing Company.
 Publicity—M. W. Conant, The Miller Rubber Company.
 Layouts—Roy Wilhelm, Akron Engraving Company.
 Layouts—Alson Pomeroy, Associated Artists.
 Layouts—A. L. James, The Times-Press.
 Copy Writing—S. J. Kuhn, The C. H. Yeager Company.

JOURNALISM

Jack R. Reed, Editorial Director, The Akron Times-Press.
 Mrs. Ethel Myers, Society Editor, The Akron Beacon Journal.
 James W. Schlemmer, Sports Editor, The Akron Beacon Journal.

REAL ESTATE

Titles, Their Importance and Dangers—Earl G. Smith, Vice President and Executive Manager, The Guarantee Title and Trust Co.
 Loans As An Aid To Home Owning—A. G. Ritzman, Vice President, Hunsinger Ritzman Co.; Past President, The Akron Real Estate Board.
 Selling Industrial Sites for and by Railroads—H. L. Sovacool, Industrial Representative, A. C. and Y. Railroad.

BUCHTEL COLLEGE OF LIBERAL ARTS

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

SCHEDULE OF CLASSES

Semester	Subject	Cr. Hours	Days	Hours	Room	Instructor
BIOLOGY						
1	Bacteriology	2	Tues.	7:00-9:00	O 25	Fox
1, 2	Man and the Microbe Human Biology (<i>Women</i>)	2	Thurs.	7:00-9:00	O 25	Plowman
1, 2	General Botany	2	M.	7:00-9:00	O 25	Slagg
1, 2	Insects and Man	2	W.	7:00-9:00	O 25	Kraatz
1, 2	Geology	2	W.	7:00-9:00	O 25	Slagg
ECONOMICS						
1, 2	Principles of Economics	3	T. F.	6:30-8:00	B 26	Holmes
ENGLISH						
1, 2	Corrective English	(3)	M. Th.	6:30-8:00	E 32	Goodell
1, 2	Rhetoric A	3	M. Th.	6:30-8:00	B 25	Freedlander
1, 2	Rhetoric B, 1 and 2	3	M. Th.	6:30-8:00	B 26	Stickney
1	Advanced Composition	3	T. Fr.	6:30-8:00	B 22	Mitchell
2	Modern Drama	3	T. Fr.	6:30-8:00	B 22	Mitchell
1, 2	Amer. Literature	3	T. Fr.	8:00-9:30	B 22	Pease
1	News Writing and Editing	3	W.	6:00-8:00	B 12	Vance
2	Contemporary Journalism	3	W.	6:00-8:00	B 12	Vance
HISTORY						
1, 2	History of England	3	M. W.	6:30-8:00	B 32	Gardner
MATHEMATICS						
1, 2	Algebra	3	W. Fr.	6:30-8:00	E 14	
1	Analytics	3	T. Fr.	6:30-8:00	E 14	
2	Calculus	3	M. T.	6:30-8:00	E 14	
1	College Algebra	4	M. W. F.	6:30-8:00	E 15	
2	Business Mathematics	3	T. Fr.	6:30-8:00	E 34	
2	Trigonometry	4	M. W. F.	6:30-8:00	E 15	
MODERN LANGUAGES						
1, 2	French 1 and 2	4	M. Th.	7:00-9:00	B 15	
1, 2	French 3 and 4	3	M. Th.	6:30-8:00	B 15	
1, 2	German 1 and 2	4	M. Th.	7:00-9:00	B 22	
1, 2	German 3 and 4	3	M. Th.	6:30-8:00	B 25	
1, 2	Spanish 1 and 2	4	M. Th.	7:00-9:00	B 22	
1, 2	Spanish 3 and 4	3	M. Th.	6:30-8:00	B 11	
PHYSICS						
1	Physics and Industry	(1½)	T.	7:30-9:00		
1, 2	Technical Mechanics	(1)				Fouts
POLITICAL SCIENCE						
1	Parliamentary and Leg. Pro.	3	M. Th.	6:30-8:00	B 26	Creecraft
2	Government and Business	3	M. Th.	6:30-8:00	B 26	Creecraft
1	Problems of Citizenship	3	M. Th.	8:00-9:30	B 38	Steadman
2	American Government	3	M. Th.	8:00-9:30	B 38	Steadman
SOCIOLOGY						
1	Introductory Sociology	3	T. Fr.	6:30-8:00	B 25	Hawthorn
1	Sociol. of Pers. and Leadership	2	T.	8:00-10:00	B 25	Hawthorn
2	Social Pathology	3	T. Fr.	6:30-8:00	B 25	Hawthorn
2	Social Origins	2	T.	8:00-10:00	B 25	Hawthorn
SPEECH						
1, 2	Business Men's Pub. Sp.	2	Fr.	8:00-10:00	B 25	Turner
1, 2	Interpre. Reading	2	Th.	7:00-9:00	B 12	McEbright
1	Persuasive Speech	2	M.	8:00-10:00	B 12	Hayworth
1, 2	Voice-Speech	2	T.	7:00-9:00	B 12	McEbright

BIOLOGY

PROFESSOR PLOWMAN, ASSISTANT PROFESSORS KRAATZ, SLAGG, FOX

INSECTS AND MAN. First and second semesters. Two credit hours each semester.

This course considers in an elementary way the great class of insects, especially economic and sanitary relations of the insects to the human race. Such topics as the following are studied: general structure and adaptations of insects; fitness of insects to survive; insects as agents in the propagation of plants; insects in relation to agriculture, and as destroyers of food and fabrics; insects as carriers of disease. Wednesday, 7:00-9:00. ASSISTANT PROFESSOR KRAATZ

ECONOMIC ZOOLOGY. First and second semesters. Two credit hours each semester.

This course consists of an elementary survey of the animal kingdom, with emphasis upon the economic phases of the subject. Topics such as the following are included: aquatic animal resources; fur industry; useful aspects of insects, birds, etc.; and foods and other useful products obtained from various animal groups. The course does not duplicate other evening courses or the zoological part of General Biology. Wednesday, 7:00-9:00. To be given in 1929-30. ASSISTANT PROFESSOR KRAATZ

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

This course deals mainly with evidence supporting organic evolution, and includes a brief history of the evolution concept, and a survey of the various theories of organic evolution. This course is elementary in its field, but some knowledge of general biological facts and principles is desirable as a background. Wednesday, 7:00-9:00. To be given in 1930-31. ASSISTANT PROFESSOR KRAATZ

GENERAL BOTANY. First and second semesters. Two credit hours each semester.

This course is made up of studies of the comparative anatomy, natural history, identification and classification of native mosses, ferns, and seed plants. The course is open to all evening students, without prerequisite. Monday, 7:00-9:00. ASSISTANT PROFESSOR SLAGG

GENERAL GEOLOGY. First and second semesters. Two credit hours each semester.

This is a study of the materials of which the earth is made; of earth structure; of the forces which are molding the earth; and of the changes it is undergoing. Historical Geology is not included. Special consideration is given to the physiography of the United States, and of the Akron region. No prerequisites. Wednesday, 7:00-9:00. ASSISTANT PROFESSOR SLAGG

MAN AND THE MICROBE. First semester. Two credit hours.

This is a series of lectures and demonstrations dealing with bacteriology and its applications to everyday life. Study is made of the uses of bacteria in the arts, and of the application of bacteriology to domestic, industrial and natural processes, as well as of the disease-producing bacteria. It is desirable that the student should have some knowledge of elementary Biology and Physiology. Tuesday, 7:00-9:00.

ASSISTANT PROFESSOR FOX

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

This is a course of lectures and demonstrations, with some reference reading, dealing with the external relationships and internal functions of the human body, including a brief survey of the problems of heredity, development, health, and human adaptations. This course is open to women students only. Thursday, 7:00-9:00.

PROFESSOR FLOWMAN

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, including 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 to other advanced courses. Lecture, Tuesday, 6:30-8:00. Recitation and discussion, Section A, Friday, 6:30-8:00; Section B, Friday, 8:00-9:30.

ASSISTANT PROFESSOR HOLMES

ENGLISH

PROFESSOR PEASE, MISS MITCHELL, MISS FREEDLANDER, MR. GOODELL.
MR. STICKNEY, 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 and Thursday, 6:30-8:00.

MR. STICKNEY, MISS FREEDLANDER

CORRECTIVE ENGLISH. First semester. Repeated the second semester. No credit.

This course is a review of the prerequisites of Rhetoric 1, including grammar, spelling, pronunciation, diction, and sentence structure. Students failing to pass the entrance examination to Rhetoric 1 will be assigned to this course. It is also open to all persons desiring a review of high school English. Text books: Leiper, *A New English Grammar*; Woolley, *New Handbook of Composition*. Monday and Thursday, 6:30-8:00.

MR. GOODELL

3. ADVANCED COMPOSITION. First semester. Three credit hours.

This course is planned to develop ease of writing. The work consists of short daily themes, with an occasional longer paper, and conferences with the instructor. Prerequisite, Rhetoric 1-2. Tuesday and Friday, 6:30-8:00.

MISS MITCHELL

5. SHORT STORY WRITING. First semester. Three credit hours.

The short story course as conceived and taught by modern theorists, with especial attention to psychological analysis of traits and motives; a substantial total of original story writing for the term; cross reference files of clippings and suggestion for plot, characterization, and setting. Attention is given to the magazine market for short stories. Prerequisite, Rhetoric 1-2. To be given in 1929-30.

PROFESSOR PEASE

8. SHORT STORY SEMINAR. Second semester. Two credit hours.

A course in semi-professional work looking to publication. This will be in connection with the criticism of the Manuscript Club, an unofficial group that plans discussion and mutual criticism, and a study of the magazine field for college writers. Prerequisite, Short Story Writing, 5. To be given in 1929-30.

PROFESSOR PEASE

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. To be given in 1929-30.

MISS MITCHELL

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 aid to develop appreciation of the English novel as an historic growth and as an artistic interpretation of life. To be given in 1930-31.

PROFESSOR PEASE

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. Tuesday and Friday, 6:30-8:00.

MISS MITCHELL

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

This course considers American Literature as an aspect of Old World thought; development of a Yankee literature based on American issues; Revolutionary War elements and development of a Nationalistic literature; important literary centers and schools down to the New England Renaissance. In the second semester, Whittier, Lowell, Whitman; Mark Twain and the humorists; Bret Harte and the local color story; contemporary novel, poetry and drama are studied. Tuesday and Friday, 8:00-9:30.

PROFESSOR PEASE

NEWS WRITING AND EDITING. First semester. Three credit hours.

This course considers both the writing and the editing of news and includes lectures by the instructor and by members of the staffs of Akron newspapers, assigned reports, exercises, and text-book work. Members of the class write and edit "The Hilltop Evening Star," the newspaper of the Evening Session. Wednesday, 6:00-8:00.

MR. VANCE

CONTEMPORARY JOURNALISM. Second semester. Three credit hours.

This course in general continues the work of the first semester course, News Writing and Editing, but emphasis is placed on the profession as a whole, staff organization, newspaper policies, and modern trends, rather than on elementary writing and editing. Laboratory work is done in connection with the evening newspaper. Wednesday, 6:00-8:00.

MR. VANCE

HISTORY

ASSISTANT PROFESSOR GARDNER

HISTORY OF ENGLAND PRIOR TO 1688. First semester. Three credit hours.

A historical study of the origin and development of English government and institutions is undertaken with particular emphasis on the growth of the English people. Monday and Wednesday, 6:30-8:00.

HISTORY OF ENGLAND SINCE 1688. Second semester. Three credit hours.

This course is devoted primarily to three problems: constitutional or parliamentary development; the revolutionary period; and imperial expansion with its multifarious results. Monday and Wednesday, 6:30-8:00.

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. To be given in 1929-30.

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. To be given in 1929-30.

MATHEMATICS

PROFESSOR JONES, ASSISTANT PROFESSOR BENDER, MISS LIPSCOMBE,
MISS REGER

1. COLLEGE ALGEBRA. First semester. Four credit hours.

The following topics are studied: a review of surds and exponents; linear and non-linear equations; proportion and variation, progressions, mathematical induction, binomial theorem, permutations, combinations, probability, complex numbers, determinants. Monday, Wednesday and Friday, 6:30-8:00.

ALGEBRA. First semester. Repeated the second semester. No credit.

Students who are not prepared to take up College Algebra will take this course. It treats of topics in elementary algebra leading up to the study of simultaneous quadratics. Wednesday and Friday, 6:30-8:00.

BUSINESS MATHEMATICS. Second semester. Three credit hours.

This course deals with the calculations of business and the theory involved in such processes; logarithms and the use of formulas and tables; simple and compound interest; annuities; valuation of securities, amortization; the methods of financing corporations. Tuesday and Friday, 6:30-8:00.

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, Wednesday and Friday, 6:30-8:00.

ANALYTICS AND CALCULUS. First semester. Three credit hours.

This course will include such fundamentals of analysis as the locus problem, the straight line, and a brief treatment of the conics, differentiation of the algebraic, logarithmic, exponential, and trigonometric functions. Tuesday and Friday, 6:30-8:00.

CALCULUS. Second semester. Three credit hours.

The work of this semester will include applications of the differential calculus to analytic geometry and analytic mechanics; 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. Monday and Tuesday, 6:30-8:00.

MODERN LANGUAGES

PROFESSOR BULGER, ASSISTANT PROFESSOR REED, MR. KOTZ,
MISS ROGERS, MISS FANNING

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 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. 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 especial emphasis upon dictation and oral work. In the second semester work, grammar is continued with reading of two hundred or more pages of French. Monday and Thursday, 7:00-9:00.

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

Reading, Conversation and Composition. Monday and Thursday, 6:30-8:00.

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 and Thursday, 7:00-9:00.

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

Reading, Conversation and Composition. Monday and Thursday,
6:30-8:00.

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. Monday
and Thursday, 7:00-9:00.

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

Reading, Conversation and Composition. Monday and Thursday,
6:30-8:00.

PHYSICS

PROFESSOR HOUSEHOLDER, ASSISTANT PROFESSOR ROLLEFSON, MR. FOUTS
PHYSICS AND INDUSTRY. First semester. No credit.

Historical development of Physics with special reference to influ-
ences in the industries. This is a course of fifteen lectures delivered
by various members of the department showing the main lines of
development in the physical sciences and the consequent effects on
industry. Special reference to application of physics research will
be made, as well as its relation and effect upon the general culture
of the race. Tuesday, 7:30-9:00.

TECHNICAL MECHANICS. First and second semesters. No credit.
This course covers the principles of mechanics and affords an excel-
lent opportunity for review. Among the topics considered are
forces, conditions necessary for equilibrium, trusses, cranes, fric-
tion, moments of inertia, velocity, acceleration, power, and energy.
Industrial applications and practical problems. Prerequisites, Al-
gebra and Trigonometry. A knowledge of Calculus is also desir-
able. Text: Seely and Ensign: "Analytical Mechanics for En-
gineers."

POLITICAL SCIENCE

PROFESSOR CRECRAFT, MR. STEADMAN, MR. KING

15. PARLIAMENTARY AND LEGISLATIVE PROCEDURE. First se-
mester. Three credit hours.

The course begins with a study of elementary parliamentary prac-
tices, and ends with a somewhat comprehensive survey of the man-
ner of procedure in great deliberative and legislative assemblies.
The first half of the course stresses the rules of parliamentary law;
the second half aims to familiarize the student with the principles
of legislative procedure. Monday and Thursday, 6:30-8:00.

PROFESSOR CRECRAFT

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

This is a course in the economic aspects of government and in the public aspects of business. It includes a survey of the many inter-relations of government and occupational life. It classifies governmental activities according to their economic purposes and effects. It presents the practical aspects of government to the manufacturer, the salesman, the farmer, the banker, the laborer, the teacher, and the professional man. It stresses governmental policies rather than governmental structure. Monday and Thursday, 6:30-8:00.

PROFESSOR CRECRAFT

1. PROBLEMS OF CITIZENSHIP. First semester. Three credit hours.

This is an introductory course in the political and social sciences. Among the topics considered are those of public opinion, immigration, race conflicts, women in industry, regulation of industry, party rivalries, civil service, guarding civil liberties, international competition, expansion of economic interests abroad and their control. Monday and Thursday, 8:00-9:30.

MR. STEADMAN

2. AMERICAN GOVERNMENT. Second semester. Three credit hours.

This is a brief introductory course in the principles and practices of the American governmental system. It is a basic course in political science, and is required of all freshmen in the College of Liberal Arts, the Teachers College, and the Commerce Courses. Monday and Thursday, 8:00-9:30.

MR. STEADMAN

SOCIOLOGY

ASSOCIATE PROFESSOR HAWTHORN

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 and Friday, 6:30-8:00.

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 and Friday, 6:30-8:00.

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. Tuesday, 8:00-10:00.

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. Tuesday, 8:00-10:00.

SOCIAL WORKERS TRAINING COURSE.

A certificate course of thirty credit hours is being organized to include the Sociology subjects and other allied subjects. For further information, see Dr. Hawthorn or the Director of the Evening Session.

SPEECH

PROFESSOR HAYWORTH, MISS MCEBRIGHT, MR. TURNER

VOICE-SPEECH. First and second semesters. Two credit hours.

The fundamental principles of voice and speech are studied, including voice technique, tone placing, gesture, extempore and impromptu speeches and critiques. The second semester, personality is carefully studied and preserved, while the appearance and address is aided in the process of development, toward the normal type of cultivated manhood and womanhood. Tuesday, 7:00-9:00.

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 imagination and sympathetic insight into literature are studied. In the second semester, emphasis is laid on the study of inflection, tone, color, grouping, tempo, simplicity, responsiveness and abandon. Plays are rehearsed for reading purposes as exercises in interpretation, in dramatic delivery and in reading of lines. Thursday, 7:00-9:00.

PERSUASIVE SPEECH. First semester. Two credit hours.

The principles of group persuasion and the application of those principles by means of frequent speeches before the class. Those who study this may wish to organize a debate class and teams for the second semester. Prerequisite, four credit hours in Speech. Monday, 8:00-10:00.

BUSINESS MEN'S PUBLIC SPEAKING. First semester. Repeated second semester. Two credit hours each semester.

Study, lectures and practice. This course is of especial value to salesmen and business men. The class is limited to twenty-five men who are willing to enter heartily into class practice and discussion. Friday, 8:00-10:00.

CURTIS SCHOOL OF HOME ECONOMICS

SARAH E. STIMMEL. *Director*; MISS ELIZABETH LATHROP

SCHEDULE OF CLASSES

Semester	Subject	Cr. Hours	Days	Hours	Room	Instructor
1, 2*	Clothing	2	Th.	7:00-9:00	C. C.	Lathrop
1, 2*	Foods 1	2	M.	6:00-8:00	C. C.	Stimmel
1, 2*	Foods 2	2	T.	6:00-8:00	C. C.	Stimmel
1, 2*	Millinery	2	T.	7:00-9:00	C. C.	Lathrop

*Repeated the second semester.

AIM

It is the purpose of this department to serve the community by providing household management and home economics education for adult women. The offering at present is small but will be enlarged as more courses are demanded.

EQUIPMENT

This department is equipped with an excellent food laboratory, and the Foods courses require the actual cooking of meals. A laboratory fee of \$3.75 is required to cover the cost of provisions and staples. Courses in clothing design have a well-equipped design and sewing room. The students will provide their own material for these classes. All classes are held in Curtis Cottage.

HOME ECONOMICS INSTITUTE

HOUSEHOLD BUDGETING AND FAMILY FINANCE

This study directs the attention of the home manager to standard budgets for different incomes. Not only is the theory of budgeting of family finances studied, but the student is to carry on research into the cost of operation and the preparing and keeping of records. Methods of cost finding will be applied and recommendations for cutting the cost will be given. There are no prerequisites for this course. There will be ten meetings of the discussion group beginning October 2, 1928, and continuing each Tuesday from 3:00 to 4:30 p. m. at Curtis Cottage on the University Campus. Fee, \$6.00.

CLOTHING. First semester. Repeated the second semester. Two credit hours each semester.

A clothing course will be planned to meet the wishes of the class. Fundamental art principles will be reviewed and their application made to the selection of design and material in relation to the figure, personality and coloring of the wearer. Thursday, 7:00-9:00.

MISS LATHROP

FOODS 1. First semester. Repeated the second semester. Two credit hours each semester.

This course deals with work to gain a knowledge of foods, and skill in manipulating them; methods of mixing, cooking and combining them. Care of foods. The planning and serving of simple meals. The details of the course to be worked out after the class has met. Reading and discussions are required. Monday 6:00-8:00.

PROFESSOR STIMMEL

FOODS 2. First semester. Repeated the second semester. Two credit hours each semester.

This course deals with the general principles of cooking but with the more difficult processes and combinations. Prerequisite, Foods 1 or some reading and discussions. Tuesday, 6:00-8:00.

PROFESSOR STIMMEL

MILLINERY. First semester. Repeated the second semester. Two credit hours each semester.

This course will include a study of millinery as a direct application of Art principles. The personality of the wearer, the suitability of different types of hats to occasions, and the relation of the hat to the whole costume will be considered. Hats will be constructed from felt, ribbon, silk, straw, and combinations of these materials. Tuesday, 7:00-9:00.

MISS LATHROP

COLLEGE OF ENGINEERING AND COMMERCE

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

Training and experience in industry during the day with technical and business studies at night approaches very closely the cooperative course offered to the day students in the College of Engineering and Commerce. An entire course of evening work has not yet been scheduled. The subjects now available will apply on the first year's credit in Engineering. More subjects will be added as they are demanded.

SCHEDULE OF ENGINEERING CLASSES

Semester	Subject	Cr. Hours	Days	Hours	Room	Instructor
1	Blue Print Reading	* (2)	Th.	7:30-9:30	E 35	Griffin
1, 2	Engineering Drawing	2	T.	6:30-9:30	E 41	Dushinske
1, 2	Industrial Electricity 1 and 2	2	T.	7:30-9:30	E 10	Walther
1, 2	Industrial Electricity 3 and 4	2	Th.	6:30-9:30	E 10	Walther
2	Materials Laboratory	2	M.	6:30-10:00	E 34	Bulger
1, 2	Radio Communication 1 and 2	2	W.	6:30-9:30	E 10	Smith
2	Shop Mathematics	* (2)	Th.	7:30-9:30	E 35	Griffin
1	Strength of Materials	2	Th.	7:30-9:30	E 34	Bulger
1, 2	Surveying	2	M.	6:30-8:00	E 34	Durst

* (2) Two hours of recitation, no college credit.

CIVIL ENGINEERING

PROFESSOR DURST, ASSISTANT PROFESSOR BULGER

SURVEYING. First semester. Two credit hours.

Lectures, problems and field work. 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 maps and profiles. Saturday afternoons will be devoted to field work from October 6 to October 27. Monday, 6:30-8:00.

PROFESSOR DURST

SURVEYING. Second semester. Two credit hours.

A continuation of the course given the first semester. Topographic surveying, contours and stadia work. Also the use of plane table. Field work begins April 20 and ends May 11. Monday, 6:30-8:00.

PROFESSOR DURST

STRENGTH OF MATERIALS. First semester. Two credit hours.

A study is made of tensile, compressive and shearing stresses; also riveted joints, torsion, bending moments, stresses and deflection of beams. Thursday, 7:30-9:30. ASSISTANT PROFESSOR BULGER

MATERIALS LABORATORY. Second semester. Two credit hours.

Steel is tested in compression, tension, and torsion. Compression tests of brick, concrete, wood and cast iron are made. A large variety of special machines for testing purposes are available. Monday, 6:30-10:00. ASSISTANT PROFESSOR BULGER

ELECTRICAL ENGINEERING

PROFESSOR WALTHER, MR. SMITH

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

This course covers the elementary theory of electrical circuits and machines and is designed to be of immediate practical value. The first semester's work covers fundamental principles regarding direct current circuits and magnetism, windings, and theory of operation of direct current generators and motors. During the second semester, alternating current circuits, transformers, alternators, and motors are considered. A knowledge of elementary algebra is essential but students may take algebra simultaneously to satisfy the requirement. Tuesday, 7:30-9:30. PROFESSOR WALTHER

3-4. INDUSTRIAL ELECTRICITY. First and second semesters. Two credit hours each semester.

This course is designed to give those who have completed Industrial Electricity 1 and 2 a more thorough knowledge of electricity and especially of vector diagrams, alternating current circuits, and machines. Approximately two hours of each period will be devoted to laboratory work. The first experiments will cover direct current circuits and performance tests of direct current generators and motors. These exercises will be followed by similar tests of alternating current circuits and apparatus. Sufficient elementary trigonometry will be taught to enable the student to combine voltage and current vectors readily. Thursday, 6:30-9:30.

PROFESSOR WALTHER

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

This is a beginners' course and covers the theory of radio telephony, including the study of broadcasting and receiving. The theory will be supplemented by laboratory work in the nature of tests, of simple circuits and characteristics of vacuum tubes. Wednesday, 6:30-9:30. MR. SMITH

MECHANICAL ENGINEERING

PROFESSOR GRIFFIN, MR. DUSHINSKE

MECHANICAL ENGINEERING DRAWING. First and second semesters. Two credit hours each semester.

This course includes instruction on the selection, care and use of drawing instruments. The assigned drawing plates teach the relation of orthographic projection, isometric and oblique drawing to practical engineering drafting. Tuesday, 6:30-9:30.

MR. DUSHINSKE

BLUE PRINT READING. First semester. No credit.

This course is designed for men who are employed in the local industries on mechanical trades. Students are taught how objects are represented by showing the different views. Special exercises are assigned on the reading of blue prints. Thursday, 7:30-9:30.

PROFESSOR GRIFFIN

SHOP MATHEMATICS. Second semester. No credit.

This subject follows the course in Blue Print Reading. The instructor includes a review of arithmetic with problems that apply to shop practice. Thursday, 7:30-9:30.

PROFESSOR GRIFFIN

COMMERCE AND ADMINISTRATION

WARREN W. LEIGH, M. B. A., *Head of the Department*

SCHEDULE OF CLASSES

Semester	Subject	Cr. Hours	Days	Hours	Room	Instructor
1, 2	Accounting 1-2 Section A	3	M. Th.	8:00- 9:30	E 13	Rowe, Hile
1, 2	Accounting 1-2 Section B	3	M. Th.	6:30- 8:00	E 13	Rowe, Hile
2	Accounting (Intensive)	5	T. F.	6:30- 9:30	E 35	Hile
1, 2	Accounting 3-4	2	F.	8:00-10:00	E 13	Marsh
1, 2	Accounting 5-6	2	T.	8:00-10:00	E 13	Marsh
1, 2	Advertising 1-2	2	M.	8:00-10:00	K 22	Lewers
1, 2	Advertising 3-4	2	W.	8:00-10:00	K 22	Lewers
2	Accounting, Interpretative	2	W.	8:00-10:00	E 35	
2	Applied Economics	2	F.	8:00-10:00	B 38	Holmes
1	Auditing	2	W.	8:00-10:00	E 35	
1	Business Correspondence	2	W.	7:30- 9:30	B 15	Doutt
1	Business Facts	3	W.	6:30- 9:30	E 13	Shields
2	Business Forecasting	3	W.	6:30- 9:30	E 13	Shields
1	Business Geography	3	T. F.	6:30- 8:00	E 13	Marsh
	Business Law					
1, 2	*1—Contracts and Agency	2	Th.	8:00-10:00	B 32	Park
1	2—Sales and Negotiable Inst.	2	Th.	8:00-10:00	B 25	Harrah
2	3—Partnership and Corp.	2	F.	8:00-10:00	B 13	
2	4—Real Estate and Conv.	2	W.	8:00-10:00	B 13	
2	Business Management	3	M. Th.	6:30- 8:00	O 21	Leigh
1	Business Organization	3	M. Th.	6:30- 8:00	O 21	Leigh
2	Credits and Collections	(2)	W.	8:00-10:00	E 37	
2	Cost Accounting	3	T. F.	8:00- 9:30	E 41	Marsh
2	Economic Dev. of U. S.	3	T. F.	6:30- 8:00	E 13	Marsh
2	Factory Management	2	F.	8:00-10:00	B 32	
2	Financial Management	3	M. Th.	6:30- 8:00	E 34	Rowe
1	Financial Organization	3	M. Th.	6:30- 8:00	E 34	Rowe
1	Foremanship	2	T.	8:00-10:00	E 32	
2	Foremanship Problems	2	T.	8:00-10:00	E 32	
2	Investments	2	W.	8:00-10:00	E 34	
1	Purchasing	2	Th.	8:00-10:00	E 32	Marshall
2	Products and Prices	2	Th.	8:00-10:00	E 32	Marshall
2	Real Estate Appraisals	2	W.	8:00-10:00	O-21	Hall
1	Real Estate Financing	2	W.	8:00-10:00	O-21	Hall
1	Real Estate Practice	2	W.	6:30- 8:00	O 21	Hall
2	Real Estate Selling	2	W.	6:30- 8:00	O 21	Hall
2	Retail Executive Training	2	Th.	8:00-10:00	O 21	Leigh
1	Retail Merchandising	2	Th.	8:00-10:00	O 21	Leigh
2	Sales Administration	2	M.	8:00-10:00	O 21	Leigh
1, 2	*Salesmanship	2	T.	8:00-10:00	B 32	Holmes
1	Marketing	2	M.	8:00-10:00	O 21	Leigh
1	Income Tax (Special)	2	W.	6:30- 9:30 (ten weeks)		

*Course repeated second semester.

AIM

The work in Commerce and Administration offered in the Evening Session is planned to meet the needs of the growing executive who desires a deeper knowledge of associated fields of business endeavor. All courses are designed to inform and prepare the student to handle practical situations. To accomplish this purpose, the instructors use text books, practical problems, reference and home work, and discussion. Any executive can profit from these studies.

"STUDY WITH A PURPOSE"

Plan your work; then work your Plan.

The following three and four-year certificate courses combine the most useful subjects in sequence which will be profitable to follow. These courses are flexible and allow the student to take all or a part of a semester's plan any one year. The work is arranged to take two nights each week for class and library work and as many nights for home study.

THE GENERAL BUSINESS COURSE

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English 1	3	English 2	3
Accounting 1	3	Accounting 2	3

SECOND YEAR

Economics 1	3	Economics 2	3
Accounting 3	2	Accounting 4	2

THIRD YEAR

Business Organization	3	Business Management	3
Contracts and Agency	2	Sales and N. I. L.	2
Marketing	2	Psychology	3

FOURTH YEAR

(Advanced Certificate)

Financial Organization	3	Financial Management	3
Advertising	3	Business and Government	3
Partnership and Corporations	2	Investments	2

ACCOUNTING COURSE (Three-year Certificate Course)

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Accounting 1	3	Accounting 2	3
English 1	3	English 2	3

SECOND YEAR

Accounting 3	2	Accounting 4	2
Economics I	3	Economics 2	3
Contracts and Agency	2	Sales and N. I. L.	2

THIRD YEAR

Accounting 5	2	Accounting 6	2
Business Organization	3	Business Management	3
Auditing	2	Cost Accounting	3

FOURTH YEAR

(Advanced Certificate)

Financial Organization	3	Financial Management	3
Income Tax	2	C. P. A. Review	2
Business Facts	3	Business Forecasting	3

SALES MANAGEMENT COURSE
(Three-year Certificate Course)

FIRST YEAR			
First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Accounting 1	3	Accounting 2	3
English 1	3	English 2	3
SECOND YEAR			
Economics 1	3	Economics 2	3
Public Speaking	2	Salesmanship	2
Business Law 1	2	Business Law 2	2
THIRD YEAR			
Business Organization	3	Business Management	3
Marketing	2	Sales Administration	2
Psychology	3	Retailing	2
FOURTH YEAR (Advanced Certificate)			
Advertising	3	Advertising Campaigns	3
Financial Organization	3	Financial Management	3
Business Facts	3	Business Forecasting	3

INDUSTRIAL MANAGEMENT COURSE
(Three-year Certificate Course)

FIRST YEAR			
First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Accounting 1	3	Accounting 2	3
English 1	3	English 2	3
SECOND YEAR			
Economics 1	3	Economics 2	3
Foremanship	2	Foremanship Problems	2
Business Law 1	2	Business Law 2	2
THIRD YEAR			
Business Organization	3	Business Management	3
Business Law 3	2	Public Speaking 1	2
Marketing	2	Factory Management	2
FOURTH YEAR (Advanced Certificate)			
Financial Organization	3	Financial Management	3
Purchasing	2	Cost Accounting	3
Business Facts	3	Business Forecasting	3

ASSOCIATION COURSES

The Commerce Department of the University, through the Evening Session, has co-operated with various business associations to give courses which are planned to prepare business people for a broader and better service to the community. An Advisory Committee from the different associations has helped the Director of the Evening Session and the Head of the Commerce Department to suggest subjects, the contents of which will provide professional training. Any qualified adult may register for these courses and on completion of them receive a certificate. It is, however, advisable to have practical experience in the chosen field.

THE AKRON REAL ESTATE BOARD COURSE
(Three-year Certificate Course)

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Economics 1	3	Economics 2	3
Real Estate Practice	2	Real Estate Selling	2

SECOND YEAR

Business Law 1 (Contracts and Agency)	2	Business Law 4 (Real Estate Law)	2
Real Estate Financing	2	Real Estate Appraisals	2
Public Speaking	2	Business Correspondence	2

THIRD YEAR

Accounting 1	3	Accounting 2	3
Financial Management	3	Business Management	3
Advertising 1	3	Advertising Campaigns	3
(Choose two)		(Choose two)	

Advisory Committee: C. W. Hall, Chairman, Central Associated Realty Co.; H. C. France & Co.; W. G. Jenkins, Bruner-Goodhue-Cooke-Cranz Agency; C. C. McNeil, Permanent Title Agency; Forrest Myers, with Albert Myers; C. D. Smith, Akron Agencies.

SUMMIT COUNTY BUILDING AND LOAN LEAGUE COURSE
(Three-year Certificate Course)

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Building and Loan Association Practice	(2)	Building and Loan Association Principles	(2)
Economics 1	3	Economics 2	3

SECOND YEAR

Accounting 1	3	Accounting 2	3
Business Law 1	2	Business Law 4 (Real Estate Law)	2

THIRD YEAR

Real Estate Financing	2	Real Estate Appraisals	2
Business Correspondence	2	Public Speaking	2
Financial Organization	3	Investments	2

Advisory Committee: D. R. Evans, President of League, with Evans Building and Loan Association; Charles L. Wirth, Vice President of League, with Industrials Savings and Loan Company.

THE AKRON ASSOCIATION OF PURCHASING AGENTS COURSE
(Three-year Certificate Course)

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Business Geography	3	Applied Economics	3
Purchasing Practice	2	Business Law 1	2

SECOND YEAR

Psychology	3	Products and Prices	2
Business Facts	3	Business Forecasting	3

THIRD YEAR

Business Correspondence	2	Business Law 2	2
Accounting 1	3	Accounting 2	3
Financial Management	3	Business Management	3
(Choose two)		(Choose two)	

Advisory Committee: G. D. Sullivan, Chairman, B. F. Goodrich Co.; J. H. Boden, Firestone Tire & Rubber Co.; W. O. Hollister, The Davey Tree Expert Co.; R. G. Ingraham, Pittsburgh Plate Glass Co.; Members Ex-Officio: C. F. Marshall, President of Association and National Chairman of Education; L. P. Miller, Vice-President of the Association.

THE AKRON ADVERTISING CLUB'S COURSE
(Three-year Certificate Course)

FIRST YEAR			
First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English 1	3	English 2	3
Marketing	2	Commercial Art	2
SECOND YEAR			
Economics 1	3	Economics 2	3
Advertising 1	3	Advertising 2	3
THIRD YEAR			
Advertising 3	2	Advertising 4	2
Public Speaking	2	Sales Administration	2

Advisory Committee: Chairman, E. D. Eddy, with Eddy & Clark, Inc.; E. E. Humphrey, with Miller Rubber Co.; J. B. Dannemiller, with Akron Grocery Company.

RETAIL EXECUTIVE TRAINING COURSE

Speakers selected for 1928-29:

Physical Factors—H. F. Cochran, Decorator, The M. O'Neil Co.
 Buying and Receiving—V. T. Henney, Merchandise Manager, The A. Polsky Company.
 Merchandise Control—J. A. Hildebrand, Sales Manager, The C. H. Yeager Company.
 Financial and Accounting Control—Lester L. Kinsey, Comptroller, The M. O'Neil Company.
 Credits and Collections—Oscar Smith, Secretary, The C. H. Yeager Co.
 Buying Habits—Styles—Colors—Miss Fanny Arms, Style Expert, Halle Bros., Cleveland, Ohio.
 Advertising and Display—Edgar Rice, Advertising Manager, The A. Polsky Company.
 Psychology in Our Jobs—T. P. Comeford, Advertising Manager, The May Company, Cleveland, Ohio.

Advisory Committee: V. T. Henney, Merchandise Mgr., The A. Polsky Co.; J. A. Hildebrand, Merchandise Mgr., The C. H. Yeager Co.; L. L. Kinsey, Comptroller, The M. O'Neil Co.; Jack Moore, Secretary, The Retail Merchants' Association.

ACCOUNTING

ASSISTANT PROFESSOR ROWE, MR. MARSH, MR. HILE

1-2. ACCOUNTING. First and second semesters. Three 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 transactions as the acquisition of assets, the borrowing of money, the incurring of expenses, the making of purchases and sales, the issuing of stock 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 and Thursday, 8:00-9:00.

1-2. ACCOUNTING. Second semester. Five credit hours.

An intensive course. Tuesday and Friday, 6:30-9:30.

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

This course is a continuation of 1 and 2. In addition to the text, a series of graded problems are 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. Friday, 8:00-10:00.

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

This course is intended for students who plan 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. Tuesday, 8:00-10:00.

COST ACCOUNTING. Second semester. Three credit hours.

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. Tuesday and Friday, 8:00-9:30.

C. P. A. REVIEW. January 16, 1929, to March 20, 1929. Two credit hours.

This is a ten weeks intensive course. It is a 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. Wednesday, 6:30-9:30.

INCOME TAX. October 3, 1928, to December 12, 1928. Two credit hours.

This is a ten weeks intensive 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. Wednesday, 6:30-9:30.

INTERPRETATIVE ACCOUNTING FOR BUSINESS MEN. Second semester. Two credit hours.

This course aims to make accounting an administrative tool of the business man. Balance sheets and Profit and Loss statements are analyzed and interpreted, financial and operating ratios are illustrated, and systems of records and reports are demonstrated. Business experience in at least some minor executive position is a prerequisite for this course. Wednesday, 8:00-10:00.

AUDITING. First semester. Two credit hours.

This course 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, intangible assets, liabilities, accounts showing net worth, closing of an audit, and construction of audit reports. Wednesday, 8:00-10:00.

BUSINESS LAW

MR. PARK, MR. HARRAH

1. **CONTRACTS AND AGENCY.** First semester, repeated second semester. Two credit hours.

This course consists of a study of contractual relationships. The elements of a valid and binding contract, rights and obligations of the parties to a contract, and the means by which contracts may be avoided or discharged. The second part of the course deals with the appointment, duties and powers of an agent. The modern corporation has made the second part of this course vitally important and necessary. Thursday, 8:00-10:00.

2. **SALES AND NEGOTIABLE INSTRUMENTS.** First semester. Two credit hours.

The first part of this course deals with the rights of the parties to a sale. The Uniform Sales Act and its operation forms the background of this section. The second part of the course takes up the qualities of negotiable paper, such as checks, notes, and acceptances, the rights and obligations of the maker, endorsers, and holders, for value. The Uniform Negotiable Instruments Act is carefully considered. Thursday, 8:00-10:00.

3. PARTNERSHIP AND CORPORATIONS. Second semester. Two credit hours.

This course follows Contracts and Agency, but can be taken at the same time. It is aimed to give a clear understanding of the organization, operation and dissolution of partnerships, and the rights, duties and obligation of partners. This course is concluded by a study of the Uniform Partnership Act. Friday, 8:00-10:00.

4. REAL ESTATE LAW AND CONVEYANCING. Second semester. Two credit hours.

The right of a person to hold, use and convey real property forms the basis of this course. It is particularly valuable to real estate men, mortgage financiers and property owners. Some of the subjects studied are property titles, real estate mortgages, right of easement, conveyancing, homestead and dower right in real property. Prerequisite, Business Law 1. Wednesday, 8:00-10:00.

COMMERCE

PROFESSOR LEIGH, ASSISTANT PROFESSOR HOLMES, MR. MARSH,
MR. LEWERS, MR. DOUTT

BUSINESS GEOGRAPHY. First semester. Three credit hours.

World trade has made necessary world-wide knowledge. The products of trade, the factors that make for exchange and intercourse between nations, and trade channels are studied. A practical course for business men. Tuesday and Friday, 6:30-8:00.

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

This 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. Tuesday and Friday, 6:30-8:30.

APPLIED ECONOMICS. Second semester. Two credit hours.

This course covers the fundamentals of Economics as applied to business. Current magazines and recent publications form an important part of the course. Friday, 8:00-10:00.

RETAIL MERCHANDISING AND MANAGEMENT. First semester. Two credit hours.

Grocers, druggists, dry goods merchants, shoe and radio dealers, as well as service station operators, all recognize the need for better

merchandising. This course attempts to give them the newest and best methods of inventory control, advertising display, retail accounting, retail store budgeting and management. Conferences, lecture, and discussion of practical cases are used to draw out these principles. Some special lecturers, experts in their field, are provided. Thursday, 8:00-10:00.

RETAIL EXECUTIVE TRAINING. Second semester. Two credit hours.

This course is for department store buyers, assistants and heads of departments primarily, although small store operators will find the principles applicable. This is a more intensive course than the Retail Merchandising Course. Merchandise and accounting control, buying, mark-up and mark-down, store layout, personnel problems and management are particularly emphasized. Thursday, 8:00-10:00.

CREDITS AND COLLECTIONS. Second semester. No credit.

This course deals with the problem 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.

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.

1. ADVERTISING. First semester. Two credit hours.

This course is designed to give the beginner or practitioner a thorough knowledge in the principles and practices of advertising. The advertising problem is analyzed, market plans are laid out, appeals are considered and advertisements are written. These advertisements are constructively criticised by a most experienced instructor. Lectures are given by advertising specialists from time to time. Monday, 8:00-10:00.

2. ADVERTISING. Second semester. Two credit hours.

This course is a continuation of the Advertising course. After a survey of principles, the students select products for advertising campaigns. Market analyses are made; campaign plans are submitted; campaigns are created; media is contracted for on the basis of the advertising appropriation and a dealer "tie-up" is made. This takes the student through the entire advertising process and gives him practice in "merchandising" a product.

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 the customer demand, the function of middlemen, sale of consumer and industrial goods, pricing and price factors, and a study of the costs of marketing. Monday, 8:00-10:00.

PROFESSOR LEIGH

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. Monday, 8:00-10:00.

PROFESSOR LEIGH

SALESMANSHIP. First semester. Repeated the second semester. 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. Tuesday, 8:00-10:00.

3. **INDUSTRIAL ADVERTISING CAMPAIGNS.** First semester. Two credit hours.

In this course an industrial product as some piece of industrial equipment is selected. A complete campaign is made for it, including the analysis of the market, determination of the proper appeals, selection of the media, and preparation of the copy and layout. This course necessitates the applications of the student's knowledge of advertising to a practical, every-day problem. Wednesday, 8:00-10:00.

MR. LEWERS

4. **A COMPLETE CAMPAIGN.** Second semester. Two credit hours.

A product will be selected as paint which is distributed in large quantities to industrials and also to ultimate consumers. Based upon a market analysis both a technical industrial and a consumer campaign will be formulated, complete in all details. This problem will also introduce the problem of co-operative advertising. Wednesday, 8:00-10:00.

MR. LEWERS

ORGANIZATION AND MANAGEMENT

PROFESSOR LEIGH, ASSISTANT PROFESSORS HOLMES AND ROWE, MR. SHIELDS

BUSINESS ORGANIZATION. First semester. Three credit hours.

This course is intended to give the student a proper perspective of the business organization. The business establishment is consid-

ered as a unified concern, composed of various departments, each of which has a definite and vital function to perform. The managerial viewpoint is taken throughout, and emphasis is laid on the analytical approach to business problems. Class work is supplemented by problems and plant trips. Monday and Thursday, 6:30-8:00.

BUSINESS MANAGEMENT. Second semester. Three credit hours. This course is a continuation of Business Organization. The conference and case method is employed. Problems covering the organization of a business, the administration and carrying out of company relations are discussed and analyzed. The last part of the course deals with problems of personnel management. Monday and Thursday, 6:30-8:00.

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. Friday, 8:00-10:00.

FOREMANSHIP. First 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. Tuesday, 8:00-10:00.

FINANCIAL ORGANIZATION. First semester. Three credit hours. Money and credit make the modern world go round. A study is made of the development of a sound money system, use of credit instruments, the rise of a banking system, and the relation of the financial organizations to the business man. The importance of current business and political problems emphasizes the need of clear information on monetary questions. Monday and Thursday, 6:30-8:00.

FINANCIAL MANAGEMENT. Second semester. Three credit hours. Financial management is a practical course. While the economics of finance is stressed, the problems of procuring capital for a large or small business, its application, use and control form the basis of study. To the large or small business man, accountant or attorney the course is of great practical value. Monday and Thursday, 6:30-8:00.

INVESTMENTS. Second semester. Two credit hours.

This is a practical course for the man of limited means rather than a technical course in investments. In order to acquaint the man who has five hundred or a thousand dollars to invest with a few principles of sound investing, this course is offered. Some principles of sound investing are laid down, a few types of investment are considered, market sheets are analyzed, and some particular stocks are tests as investments. Wednesday, 8:00-10:00.

FOREMANSHIP PROBLEMS. Second semester. Two credit hours.

This course is a presentation of practical problems and their solution, with emphasis on training problems. Tuesday, 8:00-10:00.

BUILDING AND LOAN ASSOCIATIONS. First semester. No credit.

This course considers the nature of building and loan associations; their promotion, location, and organization; the raising of capital and the determination of financial policies; applications for and the making of loans; and the elements of association accounting. Text: Clark and Chase. Elements of the Modern Building and Loan Association.

BUILDING AND LOAN ASSOCIATIONS. Second semester. No credit.

A continuation of the above course. Consideration is given to the financial operations of the association as the control of expenditures, setting up of reserves and the distribution of earning; the regulation and legal aspects of building and loan companies; and their general economic aspect as capital supplying institutions and community factors.

PURCHASING. First semester. Two credit hours.

This course is for purchasing agents, executives and commerce students. The organization of the purchasing department, purchasing routine, control systems, and specifications and standardization of stores, buying of many important commodities, and a purchase policy in relation to the business cycle are considered. Thursday, 8:00-10:00.

PRODUCTS AND PRICES. Second semester. Two credit hours.

This course follows Purchasing and Business Facts and Their Uses. Purchasing agents and others interested in commodity and price movements will find this course practical and valuable. An intensive study of basic commodities is made, their price fluctuations are determined and indexes of their possible movements are constructed and plotted. Thursday, 8:00-10:00.

REAL ESTATE

FUNDAMENTALS OF REAL ESTATE PRACTICE. First semester.
Two credit hours.

This course is an introductory study of land and its use from the earliest time down to the present; history of land tenures and laws; the growth of cities; zoning and building regulations, subdividing and elementary appraisals. It is designed to introduce the student to land as a commodity in all of its phases. Text: Fisher, Principles of Real Estate. Wednesday, 6:30-8:00.

FUNDAMENTALS OF REAL ESTATE SELLING. Second semester.
Two credit hours.

This is a continuation of Fundamentals of Real Estate Practice. Special emphasis is given to the selling side of the real estate business. Lots, homes and business properties are marketed. Securing of prospects, planning the sale and closing it are emphasized. This course is designed to aid those who expect to enter the real estate field. Text: McMichael, Selling Real Estate. Wednesday, 6:30-8:00.

REAL ESTATE FINANCING. First semester. Two credit hours.

This is an advanced course which includes a study of land credit, forms, their uses, mortgages, liens, real estate bonds and trust certificates, income taxes as related to land securities, long time leases, and other forms of financing. Text: Bingham and Andrews, Financing Real Estate. Wednesday, 8:00-10:00.

REAL ESTATE APPRAISAL. Second semester. Two credit hours.

This is an advanced course. It makes a study of real estate values and of appraisals such as improvements, income and leased properties, plottage, irregular lots, depreciation and obsolescence, and amortization of building costs sensing the market. Actual appraisals are made. Text: Zangerle, Principles of Real Estate Appraising. Wednesday, 8:00-10:00.

BUSINESS FACTS AND THEIR USES. First semester. Three credit hours.

The collection of business facts, their analysis and interpretation, and use in forecasting and planning are stressed. To help the executive assemble and interpret his sales, collection, general market information and to make use of agency services and business barometers is the aim of the course. Wednesday, 6:30-9:30.

BUSINESS FORECASTING. Second semester. Three credit hours.

This course is a continuation of Business Facts and Their Uses. A more careful study is made of the business cycle; individual businesses are analyzed to show their movements in relation to the cycle; indexes of price movements or trade are examined and constructed. Wednesday, 6:30-9:30.

THE TEACHERS COLLEGE

W. J. BANKES, A. M., *Dean*

SCHEDULE OF CLASSES

Semester	Subject	Cr. Hours	Days	Hours	Room	Instructor
1, 2	History of Art	2	M.	6:30- 8:30	P. H.	Peat
1	Costume Design	2	M.	6:30- 9:30	P. H.	Barnhardt
2	Design	2	F.	6:30- 9:30	P. H.	Cable
1, 2	Elements of Art	2	F.	6:30- 8:30	P. H.	Cable
1, 2	Home and School Crafts	2	W.	6:30- 9:30	P. H.	Cable and Barnhardt
1	Interior Decoration 2	2	Th.	6:30- 9:30	P. H.	Barnhardt
2	Kindergarten-Primary Handwork	2	M.	6:30- 9:30	P. H.	Cable
1	Mediums—Technique of	2	Th.	6:30- 9:30	P. H.	Barnhardt
2	Still Life	2	Th.	6:30- 9:30	P. H.	Barnhardt
EDUCATION						
1, 2	*Educational Sociology	2	T.	6:00- 8:00	B 37	Snyder
1	History of Educ. in U. S.	3	T. Th.	8:00- 9:30	B 37	Snyder
2	Introduction to Sec. Ed.	3	T. Th.	8:00- 9:30	B 37	Snyder
1, 2	*Personal Hygiene	2	W.	6:00- 8:00	B 38	Smith
1	Tests and Meas. Ele. Sch.	2	W.			Wood
METHODS AND TEACHING						
2	Lit. for Upper Grades	3	T. F.	8:00- 9:30	K 22	Hoover
1, 2	Primary Methods	2	F.	6:00- 8:00	B 12	Kemler
1	Remedial Work in Arith.	2	W.	6:00- 8:00	B 26	Erwine
2	Remedial Work in Reading	2	W.	6:00- 8:00	B 26	Erwine
1, 2	Sight Singing and Ear Tr.	2	W.	6:00- 8:00	B 13	Rider
1, 2	Story Telling—Prim. Gr.	3	W. F.	8:00- 9:30	B 12	Kemler
1	Story Telling—Upper Gr.	3	T. F.	8:00- 9:30	K 22	Hoover
1	Teaching Arithmetic	2	W.	6:00- 8:00	B 12	Chenot
2	Teaching History	2	W.	6:00- 8:00	B 12	Chenot
PSYCHOLOGY						
2	Boys' Activities	2	M.	8:00-10:00	B 38	Smith
2	Child Psychology	2	Th.	6:00- 8:00	B 32	Hayes
1, 2	Educational Psychology	2	T.	6:00- 8:00	B 13	Kuhnes
1, 2	General Psychology	3	M. W.	8:00- 9:30	B 32	Wood and Smith
1	Psych. of Exc. Child	2	Th.	6:00- 8:00	B 32	Hayes
VOCATIONAL						
2	Educ. and Voc. Guidance	2	Th.	7:30- 9:30	E 15	Greenly
2	Hist. and Phil. of Voc. Ed.	2	F.	7:30- 9:30	E 34	Greenly
2	Observation of Pract. Tch'g	2	W.	4:00- 6:00	Perkins	Greenly
2	Observation of Pract. Tch'g	2	Th.	4:00- 6:00	Hower Bldg.	Greenly
1	Occupational Analysis	2	F.	7:30- 9:30	E 34	Greenly
1	Org. and Adm. of Voc. Ed.	2	W.	4:00- 6:00	Perkins	Greenly
1	Org. and Adm. of Voc. Ed.	2	Th.	4:00- 6:00	Hower Bldg.	Greenly
1	Org. of Instruc. Material	2	Th.	7:30- 9:30	E 34	Greenly
GRADUATE COURSES						
1	Character Education	2	F.	6:00- 8:00	B 32	Wood
1	Educational Philosophy	2	Th.	6:00- 8:00	B 13	Kuhnes
1	Educational Statistics	2	T.	6:00- 8:00	B 32	Hayes
2	Methods in H. S. English	2	Th.	6:00- 8:00	B 13	Kuhnes
2	Psychology H. S. Subjects	2	T.	6:00- 8:00	B 32	Hayes
2	Secondary School Admin.	2	M.	6:00- 8:00	B 12	Wood
1, 2	Seminar	2	T.	6:00- 8:00	B 38	Bankes
SATURDAY CLASSES						
2	Comparative Psychology	2	Sat.	10:00-12:00	S 213	Hayes
2	Comp. School Systems	2	Sat.	8:00-10:00	S 113	Kuhnes
1	Current Educ. Thought	2	Sat.	8:00-10:00	S 113	Kuhnes
1	Genetic Psychology	2	Sat.	10:00-12:00	S 213	Hayes
1	Great Teachers	2	Sat.	10:00-12:00	S 213	Kuhnes
2	Psychology of Adolescence	2	Sat.	8:00-10:00	S 213	Hayes
2	Public School Administration	2	Sat.	10:00-12:00	S 113	Kuhnes
2	Tests and Meas. Sec. Schools	2	Sat.	10:00-12:00	S 112	Wood
1	How to Study	1	Sat.	10:00-11:00	S 112	Wood
1	Psychology of Learning	2	Sat.	8:00-10:00	S 213	Hayes

*Repeated the second semester.

ART

MRS. BARNHARDT, MISS CABLE, MR. PEAT

1. ELEMENTS OF ART. First 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. Friday, 6:30-9:30.

MISS CABLE

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. Friday, 6:30-9:30.

MISS CABLE

3. HOME AND SCHOOL CRAFTS. First 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. Wednesday, 6:30-9:30.

MISS CABLE

4. HOME AND SCHOOL CRAFTS. Second 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, 3. Wednesday, 6:30-9:30.

MRS. BARNHARDT

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. Monday, 6:30-9:30.

MRS. BARNHARDT

9. STILL LIFE. Second 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, 8, Thursday, 6:30-9:30.

MRS. BARNHARDT

17. KINDERGARTEN PRIMARY HANDWORK. Second 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. Monday, 6:30-9:30.

MISS CABLE

8. TECHNIQUE OF VARIOUS MEDIUMS. First semester. Two credit hours.

A series of progressive lessons using pencil, pen and ink, brush and ink, water colors, crayon and oil. Thursday, 6:30-9:30.

MRS. BARNHARDT

23. INTERIOR DECORATION. First semester. Two credit hours.
A continuation of Interior Decoration 7; floor plans and elevations, architectural interiors, home furnishing and the study of historic period decoration. Prerequisite, Interior Decoration 7. Thursday, 6:30-9:30.

MRS. BARNHARDT

20. HISTORY OF ART. First semester. Two credit hours.
A comprehensive history of European painting, sculpture and architecture from the earliest time to the Italian Renaissance. Monday, 6:30-8:30.

MR. PEAT

21. HISTORY OF ART. Second semester. Two credit hours.
The history of European and American painting, sculpture and architecture from the Renaissance to the present time. Monday, 6:30-8:30.

MR. PEAT

EDUCATION

MR. SMITH, MR. SNYDER, MR. WOOD

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. Saturday, 10:00-11:00.

MR. WOOD

3. HISTORY OF EDUCATION IN THE UNITED STATES. First 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 and Thursday, 8:00-9:30.

MR. SNYDER

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. Wednesday, 6:00-8:00.

MR. SMITH

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 education tests and the possible use of such marks will receive attention. Wednesday.

MR. WOOD

7. AN INTRODUCTION TO SECONDARY EDUCATION. Second semester. Three 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. Tuesday and Thursday, 8:00-9:30.

MR. SNYDER

15. ACTIVITIES AND ORGANIZATIONS FOR BOYS. Second semester. Two credit hours.

The purposes of this course are to give a better knowledge of the nature of boys and the ways of molding young character; to support all measures which guarantee a fuller realization of the rights of the boy; to attain the boyish viewpoint; to attain the maximum of earthly happiness because of the realization of a share in the molding of boyhood. Monday, 8:00-10:00.

MR. SMITH

17. EDUCATIONAL SOCIOLOGY. Two credit hours. First semester. Repeated second semester.

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, 6:00-8:00.

MR. SNYDER

METHODS AND TEACHING

MR. CHENOT, MISS HOOVER, MISS KEMLER, MR. ERWINE

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

This is 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. Friday, 6:00-8:00.

MISS KEMLER

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. Wednesday, 6:00-8:00.

MR. CHENOT

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, 6:00-8:00.

MR. CHENOT

- 11-12. STORY TELLING. First and second semesters. Three credit hours each semester. For Primary Grades.

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. Wednesday and Friday, 8:00-9:30.

MISS KEMLER

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. Tuesday and Friday, 8:00-9:30.

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. Tuesday and Friday, 8:00-9:30.

MISS HOOVER

30. REMEDIAL WORK IN READING. Second semester. Two credit hours.

In this course a study will be made of recent developments for the improvement of instruction. Class discussions will involve psychological principles governing the learning process in reading, diagnostic work, type difficulties, individual cases and remedial instruction. The course is for elementary teachers and supervisors. Wednesday, 6:00-8:00.

MR. ERWINE

31. REMEDIAL WORK IN ARITHMETIC. First semester. Two credit hours.

Emphasis in this course will be placed upon the psychology of teaching Arithmetic and the use of remedial methods and devices. A careful analysis will be made of the common errors which pupils make in handling the fundamentals and problem work. Wednesday, 6:00-8:00.

MR. ERWINE

PSYCHOLOGY

PROFESSOR HAYES, PROFESSOR KUHNES, MR. SMITH, MR. WOOD

1. GENERAL PSYCHOLOGY. First semester. Repeated second semester. Three 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 and Wednesday, 8:00-9:30. MR. SMITH, MR. WOOD

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. Tuesday, 6:00-8:00.

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, 2. Tuesday, 6:00-8:00.

PROFESSOR KUHNES

4. CHILD PSYCHOLOGY. Second 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. Thursday, 6:00-8:00.

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. Thursday, 6:00-8:00.

PROFESSOR HAYES

7. PSYCHOLOGY OF LEARNING. First 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. Saturday, 8:00-10:00.

PROFESSOR HAYES

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 Education Psychology. Saturday, 8:00-10:00.

PROFESSOR HAYES

105. GENETIC PSYCHOLOGY. First 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. This is a basic course for those who wish to major in psychology in their graduate work. Saturday, 10:00-12:00.

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. Saturday, 10:00-12:00.

PROFESSOR HAYES

109. PSYCHOLOGY OF HIGH SCHOOL SUBJECTS. Second semester. 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. Tuesday, 6:00-8:00.

PROFESSOR HAYES

PUBLIC SCHOOL MUSIC

- 30-31. SIGHT SINGING AND EAR TRAINING. First and second semesters. Two credit hours each semester.

This course is designed to develop an eye and ear vocabulary in music. Graded series used for sight singing. Hollis Dann segnentials are used for ear training. Wednesday, 6:00-8:00.

MISS RIDER

VOCATIONAL EDUCATION

MR. GREENLY

1. OCCUPATIONAL ANALYSIS. First semester. Two credit hours.

A comparative study of various methods of occupational analysis for curricular purposes. Development of a standard technique and its application to occupations to determine content of courses for vocational and special continuation schools and classes. Analysis may be made of any occupation for which there is educational demand, such as architecture, auto mechanics, carpentry, dressmaking, machinist trade, plumbing, retail selling, telegraphy. Friday, 7:30-9:30.

MR. GREENLY

ORGANIZATION OF INSTRUCTION MATERIAL. First semester. Two credit hours.

An inquiry into the sources of course content and a study of principles governing modern curriculum construction. Application of governing principles to establish an effective arrangement of teaching content required for occupational courses in vocational and special continuation schools and classes. Logically this course of study follows that in Occupational Analysis. Thursday, 7:30-9:30.

MR. GREENLY

EDUCATIONAL AND VOCATIONAL GUIDANCE. Second semester. Two credit hours.

An introductory basic course in guidance as an integrating influence in education. Youth must be oriented to social organization—a function as many phased as education itself. Guidance must be more than vocational, although the life career motive is the organizing factor. Thursday, 7:30-9:30.

MR. GREENLY

ORGANIZATION AND ADMINISTRATION OF VOCATIONAL EDUCATION. First semester. Two credit hours.

This course includes a brief description of state and local school organization as the necessary setting for vocational education, the Smith-Hughes Act, the State Plan, procedure in establishing and maintaining types of classes and instruction in accordance with state and federal requirements, cosmopolitan high schools, unit trade schools, part-time schools and classes in the industry, coordination of school and industry, and apprenticeship committees. Wednesday, 4:00-6:00, Perkins School; Thursday, 4:00-6:00, Hower Trade School.

MR. GREENLY

HISTORY AND PHILOSOPHY OF VOCATIONAL EDUCATION. Second semester. Two credit hours.

Various types of organization for vocational education to meet economic and social conditions and the theories underlying state and federal aid for vocational education are studied. Friday, 7:30-9:30.

MR. GREENLY

OBSERVATION AND PRACTICE TEACHING. Second semester. Two credit hours.

A study of vital elements of a good recitation; a comparative consideration of score sheets; visiting of classes conducted by teachers in a regular school, each writing out observations in definite form as indicated on the score sheet; the instructor will make a digest of these observations, adding his own reactions; group discussions will be held following each observation, making a case study of the recitation observed.

Practice teaching is for development of technique rather than skill; each teacher observes the lessons taught by every other teacher of the group; various types of lessons will cover instruction in several occupations. Wednesday, 4:00-6:00, Perkins School; Thursday, 4:00-6:00, Hower Trade School.

MR. GREENLY

GRADUATE COURSES

DEAN BANKES, PROFESSOR HAYES, PROFESSOR KUHNES

EDUCATION

103. TESTS AND MEASUREMENTS FOR SECONDARY SCHOOLS. Second semester. Two credit hours.

This course is designed for 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 latest and most practical tests for use in high schools. Saturday, 10:00-12:00.

MR. WOOD

104. GREAT TEACHERS. First semester. Two credit hours.

This course makes an intensive study of the great teachers of all times, with emphasis upon their contributions to educational philosophy, and their technique of teaching and mental hygiene. Saturday, 10:00-12:00.

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. Saturday, 8:00-10:00.

PROFESSOR KUHNES

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. Thursday, 6:00-8:00.

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 nature has to deal. Thursday, 6:00-8:00.

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. Saturday, 8:00-10:00.

PROFESSOR KUHNES

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. Saturday, 10:00-12:00.

PROFESSOR KUHNES

119. STATISTICAL METHOD APPLIED TO EDUCATION. First semester. Two credit hours.

This course is for advanced and graduate students. The manipulation and interpretation of educational data will form the basis for the course. Tuesday, 6:00-8:00.

PROFESSOR HAYES

120. CHARACTER EDUCATION. First semester. Two credit hours.

This is a study of the psychological background for character formation and the psychology of character traits. The relation of moral to mental activity and the relative effects of school subjects upon character development will be emphasized. Friday, 6:00-8:00.

MR. WOOD

109. SECONDARY SCHOOL ADMINISTRATION. Second 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 organization, attendance, daily schedule, measuring results, class supervision, extra curricular activities and the teaching corps. Monday, 6:00-8:00. MR. WOOD

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, 6:00-8:00. 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 \$10.00 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 professor and whose problem is approved, may receive credit. A fee of \$5.00 is charged.

1928 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 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 Session has met the standards of the regular courses of the institution and courses for 1928 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 1928. 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 co-operation between the University and the Public Schools.

LOCATION

The University of Akron is located thirty-five miles from Lake Erie in the heart of the Portage Lakes district. Students desiring to combine opportunity for study with recreational advantages will find many lake resorts within easy reach of the University.

Akron is an industrial city furnishing opportunities for students to visit large factories. The greatest rubber factories in the world are located here and many students work part time in these factories.

GENERAL INFORMATION

The 1928 Summer Session will open June 18, and close July 27. 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. Sight Singing, Trigonometry, 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.

OUTLINE OF THE TWO-YEAR COURSE

Rhetoric 1	3 hrs.	Story Telling	2 hrs.
Physical Education	2 hrs.	Speech	2 hrs.
Methods (in four subjects)	8 hrs.	Sight Singing and Ear Training	2 hrs.
History of Education	3 hrs.	Personal Hygiene	2 hrs.
School Management	2 hrs.	Public School Music	2 hrs.
Principles of Teaching	3 hrs.	Psychology (including Educational Psychology)	5 hrs.
American History	2 hrs.	Practice Teaching and Observation	7 hrs.
Art	4 hrs.		
Tests and Measurements	2 hrs.		

Required, 51 hours. Electives, 13 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. If eight weeks courses (given only in Practice Teaching and in the Commerce department) are selected the maximum is nine 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. A deposit of \$5 must be made with the application for practice teaching.

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. School organization deals with the Platoon type of organization.

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 19 and carry out the schedule provided on the last page of this bulletin. No class is scheduled after one o'clock except physical education. Students have the afternoons for study and recreation.

Registration will take place in Room 38, Buchtel Hall, June 18, from 8 a. m. to 5 p. m. Any person registering after June 18 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, Mr. Flood or Mr. Bryant, 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. However, if any instructor is changed for courses advertised students may transfer without paying the transfer fee. 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 18, 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%; third week, 40%; fourth week, 20%; after fourth week, no refund.

TESTS

All students who have not already taken the Psychology tests required by the Ohio College Association will be required to take this test.

Students taking methods courses will be given diagnostic tests as prescribed by the State Department.

All students must take final tests offered in each class if credit is desired.

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 not excused by the Director are required to attend Assembly exercises. Not more than one absence from Assembly will be permitted; 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 in the Central High School Auditorium on Union Street. The public is invited to attend all programs.

Special musical productions and other attractive features will be added to the following program:

June 21—"The Laughter of Living", Edmund Vance Cooke.

June 28—The Chalmers Harp Trio and Soprano.

July 5—"The Great Alaskan Dog Race", Harry A. Smith, Instructor in Physical Education.

July 12—"Musical Architecture", Dale Haven, Specialist in Music.

July 19—"Human Engineering", Superintendent Charles W. Cookson.

July 26—Program by the Department of Vocal and Dramatic Expression directed by Miss Carita McEbright.

SPECIAL FEATURES

June 21 will be a red letter day of the Summer Session. Edmund Vance Cooke, noted poet, will speak on "The Laughter of Living" at the Assembly. At 12:15 p. m. a luncheon will be held at the University Club. All students will be entitled to attend upon presentation of card received when enrollment at the Summer Session is completed. A short after-dinner program will be presented and the afternoon turned into a get-acquainted meeting.

Mr. Dale Haven, Music Specialist, will be here again this summer. The students of last summer enjoyed his work very much.

Superintendent C. W. Cookson will spend the last three weeks in the Summer Session. He will appear at the Assembly.

M. M. Proffitt, specialist from the U. S. Bureau of Education, will spend the first three weeks teaching. He will bring a great background of experience for interpreting his subjects.

Dr. E. A. Hotchkiss will be present for conferences in educational problems for two days, June 28 and 29. Students who profited by his excellent conferences in previous summers will be interested in his return.

ANNUAL PICNIC

The annual picnic will be held on the afternoon of Wednesday, July 11. 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 upon presentation of enrollment cards.

ART EXHIBIT

The Art Department will exhibit the work by students of the Summer Session in Phillips Hall on Tuesday, July 24. 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 \$2 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 as a laboratory project.

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.

SUBJECTS OF INSTRUCTION

The building in which each class recites is indicated at the end of the course description according to the following system: B refers to Buchtel Hall; S to Spicer Building; P to Phillips Hall; O to Olin Hall. The number indicates the room in that building in which the class meets.

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 P-1.

MISS CABLE

16. KINDERGARTEN PRIMARY ART. 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. Class meets daily from 7:15 to 9:25 in P-1.

MISS CABLE

BIOLOGY

2. BIOLOGY. Four credit hours.

This course includes one hour of lecture and three hours of laboratory work per day, devoted to a study of the animal kingdom principally, following the more primitive animals and plants studied in Biology 1. The purpose of the course is to give a clear idea of the fundamental laws of life, and thus to emphasize the essential unity of the whole realm of life. Biology 1 and 2 are prerequisites 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 O-25.

ASSISTANT PROFESSOR KRAATZ

ECONOMICS AND COMMERCE

30. ACCOUNTING. Two credit hours for six weeks; three credit hours for eight weeks.

This is an elementary course dealing with the opening of a set of books, recording of business transactions upon the proper journals, taking off of statements, etc. Emphasis is placed upon the analysis of transactions and records. Class meets daily at 10:45 in B-26.

ASSISTANT PROFESSOR ROWE

58. LABOR PROBLEMS. Two credit hours for six weeks; three credit hours for eight weeks.

This course analyzes human problems that arise out of industrial life, such as industrial unrest, unemployment, social insurance, labor unionism, and radical reform movements. Trips to factories or mines are taken for illustrative purposes. Class meets daily at 7:15 in B-37.

PROFESSOR LEIGH

60. BUSINESS ADMINISTRATION. Two credit hours for six weeks; three credit hours for eight weeks.

This course gives the student an understanding of the forms and activities of modern business. The business enterprise is considered as a "going concern" composed of such departments as production, distribution, finance and personnel. Several trips will be taken to local plants for illustrative purposes. Class meets daily at 8:25 in B-38.

PROFESSOR LEIGH

70. MONEY AND BANKING. Two credit hours for six weeks; three credit hours for eight weeks.

This course considers currency and credit, and types and uses of credit instruments, and makes a brief survey of banking history, banking establishments and foreign exchange. Class meets daily at 7:15 in B-15.

ASSISTANT PROFESSOR ROWE

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. 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 S-112.

MR. SNYDER

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. Care of the body from both the individual and the social viewpoints is carefully investigated. Class meets daily at 7:15 in S-113.

MR. SMITH

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 receive attention. Class meets daily at 9:35 in B-22.

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 S-112.

DEAN BANKES

8. AN INTRODUCTION TO EDUCATION. Two credit hours.

This course is designed to introduce the teacher to the problems of education. It is a survey course of the field of education. Class meets daily at 9:35 in S-112.

MR. SNYDER

15. CORRELATIVE EDUCATION. One credit hour.

This course gives a background for the understanding of pupil-problems through the study of the physical and mental growth of children. Special emphasis is given to such subjects as the relation between physical and mental development; changes in mental functions, interests, attitudes, and methods of learning with age; and the relation of mental and physical development to school progress and problem-cases in instruction and discipline. The course is planned for elementary teachers and supervisors. Class meets daily first three weeks only at 8:25 in B-37.

MR. PROFFITT

16. SCHOOL ORGANIZATION, PAST AND PRESENT. Two credit hours.

This course will cover a comparative study of the various types of school organization and the contribution each has made to our educational system. The strong points of the traditional, departmental, platoon, intermediate and experimental school organizations will be carefully examined. Class meets daily at 8:25 in B-25.

MR. ERWINE

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, first three weeks, and two periods daily, at 7:15 and 9:35, last three weeks, in B-26.

PROFESSOR PEASE

2. RHETORIC. Three 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, 1. Class meets two periods daily, at 8:25 and 9:35, first three weeks, and at 8:25, last three weeks, in B-26.

PROFESSOR PEASE

9. FOLKLORE AND MYTHS OF ANCIENT PEOPLES. Two credit hours.

Legends of the Egyptians, the Babylonians and the Germanic peoples will be taken up together with the origin of the legends among primitive peoples, but the emphasis will be placed on the myths of the Greeks and references made to them in English literature. Class meets daily at 11:55 in B-32.

PROFESSOR ROCKWELL

10. STORIES AND LEGENDS 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 10:45 in B-32.

PROFESSOR ROCKWELL

15. JOURNALISM. Two credit hours.

This is a general course in contemporary 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. Class meets daily at 10:45 in B-15.

MR. VANCE

26. TYPES OF PROSE. Two credit hours.

This course treats of the short story, the essay and the drama. It traces the development of the form and stresses appreciation in the work of modern writers. Class meets daily at 7:15 in B-22.

MISS MITCHELL

31. SHAKSPERE. Two 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. The work covers ten plays with supplementary readings. Groups (a) and (b) are given in alternate years. Both may be taken for credit.

(a). In 1928 and alternate years: Two Gentlemen of Verona, Romeo and Juliet, Merchant of Venice, Henry V, As You Like It, Measure for Measure, Hamlet, Macbeth, The Winter's Tale, The Tempest.

(b). In 1929 and alternate years: A Midsummer Night's Dream, Richard II, Henry IV (Part One), Much Ado, Twelfth Night, Julius Caesar, King Lear, Antony and Cleopatra, Coriolanus, Cymbeline. Class meets daily at 9:35 in B-32.

DEAN SPANTON

36. THE ENGLISH BIBLE AS LITERATURE. 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. Class meets daily at 10:45 in B-38.

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 B-22.

PROFESSOR BULGER

HISTORY

4. LATER MEDIEVAL CIVILIZATION. Two credit hours.

Beginning with the Crusades a study is made of the problems and institutions which led to the formation of modern western civilization. Class meets daily at 11:55 in B-25.

ASSISTANT PROFESSOR GARDNER

12. AMERICAN HISTORY SINCE THE CIVIL WAR. Two credit hours.

This course deals with such problems as reconstruction, western expansion, civil service, tariff, trusts, monetary affairs, imperialism, showing their relation to events of the twentieth century, particularly the post-war period. Class meets daily at 10:45 in B-25.

ASSISTANT PROFESSOR GARDNER

MATHEMATICS

2. TRIGONOMETRY. Four credit hours.

The following topics are studied in this course: angles and their measurements, trigonometric functions, fundamental identities, reduction theorems, addition and multiplication theorems, trigonometric equations, inverse trigonometric functions, right and oblique triangles, and logarithms. Class meets two periods daily, at 9:35 and 11:55 in B-38.

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 S-212.

MR. CHENOT

8. THE TEACHING OF HISTORY. Two credit hours.

This course emphasizes 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 S-212.

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 7:15 in S-212.

MISS HOOVER

13. STORY TELLING FOR THE UPPER GRADES. Two 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. Class meets daily at 8:25 in S-212.

MISS HOOVER

14. LITERATURE FOR THE PRIMARY GRADES. Two credit hours.

The aim of this course is to select poems, stories, books, etc., for children's reading, and to discuss methods of presenting the material. It has to do with kindergarten and primary literature as a means of developing the appreciation of the children. Class meets daily at 9:35 in S-212.

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 B-11.

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 B-15.

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 11:55 in S-112.

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 B-32.

MISS GRUBER

27. PRACTICE TEACHING. Four credit hours.

Akron City Schools will be in session so that teachers needing practice teaching may have opportunity to meet the State requirements. All students doing practice teaching will spend eight weeks, five days per week, from 8 a. m. to 1 p. m. Two hours each day will be spent in teaching, two hours in observation and participation, and one hour in conference with the training teacher. Those desiring to do practice teaching are required to notify Dean Bankes not later than June 1. A deposit of \$5 must also be made before June 1.

28. OBSERVATION AND PARTICIPATION. Three credit hours.

Two hours each day will be spent by students doing practice teaching as outlined in the description of Practice Teaching 27.

29. METHODS OF CLASSROOM MANAGEMENT. Two credit hours.

This course accompanies practice teaching. One hour each day will be given to conference with the training teacher. Discussions of actual classroom experiences, observations and readings will occupy the time of the conferences.

30. REMEDIAL WORK IN READING. One credit hour.

In this course a study will be made of recent developments for the improvement of instruction. Class discussions will involve psychological principles governing the learning process in reading, diagnostic work, type difficulties, individual cases and remedial instruction. The course is for elementary teachers and supervisors. Class meets daily first three weeks only at 9:35 in B-15.

MR. PROFFITT

31. REMEDIAL WORK IN ARITHMETIC. Two credit hours.

Emphasis in this course will be placed upon the psychology of teaching Arithmetic and the use of remedial methods and devices. A careful analysis will be made of the common errors which pupils make in handling the fundamentals and problem work. Class meets daily at 7:15 in B-25.

MR. ERWINE

NATURE STUDY

32. NATURE STUDY I. One credit hour.

A study and identification of common wild flowers. The main objectives of a course of this character are to learn by field trips and class room study the wild flowers of this vicinity, to study the characteristics of plant families sufficiently to be able to classify plants, to come to a more sympathetic appreciation of wild flowers and their influence in literature, and to acquire habits of close observation of plant forms and relations. Class meets daily last three weeks only at 8:25 in B-11.

MR. BRYANT

33. NATURE STUDY II. One credit hour.

A study and identification of birds and trees. Students will have opportunities for field trips for observation and identification of birds and trees. Note books will be kept and results of field studies will be tabulated. The course will also furnish opportunities for study and recording descriptive details of our birds and native forest trees. Class meets daily last three weeks only at 7:15 in B-38.

MR. BRYANT

34. NATURE STUDY III. One credit hour.

Organization of Nature Material for use in class room teaching. In the branch of nature work, special effort will be made to enable teachers to organize various nature forms into topics for oral and written work in language and composition. Teachers of primary and intermediate grades should be interested in this course. Class meets daily last three weeks only at 9:35 in B-25.

MR. BRYANT

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 AND MASSAGE. Two credit hours.

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. Class meets daily at 9:35 in B-11.

MISS DUNCKLEY

29. ORGANIZATION OF GENERAL PHYSICAL EDUCATION ACTIVITIES. Two credit hours.

This course includes the organization of physical education activities to meet the needs of special teachers in the field as well as class room teachers who must assist in physical education work. A

study is made of modern aims and new basic principles. Emphasis is placed upon local needs. This is a practical course aimed to produce results in the field. Class meets daily at 8:25 in S-113.

MR. SMITH

12A. FOOTBALL COACHING. Two credit hours.

This course is designed to give a teaching knowledge of football to those who expect to coach. Approximately one-half of the time will be spent on the theory of the game, stressing various offensive and defensive systems. The other part includes practical demonstrations of fundamentals and a study of the psychology of coaching. Class meets daily at 5 p. m. in the gym.

COACH BLAIR

12B. BASKETBALL COACHING. Two credit hours.

This course is open to both men and women but the system of play discussed will apply to the game as played under men's rules. Various systems of offense and defense will be discussed and plays will be outlined. The greater part of the course will be of a practical nature, stressing correct execution of fundamentals. Class meets daily at 4 p. m. in the gym.

COACH BLAIR

13. SWIMMING, TRACK, AND BASEBALL. Two credit hours.

In this course, which is for men only, swimming will be taken up both in theory and practice. A study will be made of methods of teaching swimming, different strokes, swimming and diving programs, and water sports in general. Life saving tests will be explained. The practical work will consist of perfection of advanced strokes, practicing life saving work and water fun. A small charge is made for towel service.

Track schedules, intra-mural and inter-school programs will be developed. The technique of each event will be considered and the possibilities of track in a physical education program will be outlined. Methods of testing the reaction of the different events upon the organism will receive considerable attention.

The technique of playing the different positions in baseball will be considered. Pre-season preparation, schedule making, and the history of the great American sport will be reviewed. Class meets daily at 9:35 in gymnasium.

MR. SMITH

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 S-113.

PROFESSOR KUHNES

4. CHILD PSYCHOLOGY. 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 is to give a psychological basis for the intelligent management of the pre-adolescent child. Class meets daily at 7:15 in S-213.

PROFESSOR HAYES

PUBLIC SCHOOL MUSIC

30. SIGHT-SINGING AND EAR TRAINING. Two credit hours.

This course is designed to develop an eye and ear vocabulary in music. Graded series used for sight singing. Hollis Dann segmentals used for ear training. Class meets daily from 7:15 to 9:35 in B-13.

MISS DACKERMAN

9. PUBLIC SCHOOL MUSIC (Primary Grade). One credit hour.

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 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 10:45 in B-13.

MISS DACKERMAN

10. PUBLIC SCHOOL MUSIC (Upper Grade). One credit hour.

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, Sight Singing 30. Class meets daily at 9:35 in B-13.

MISS DACKERMAN

31. MUSIC APPRECIATION. Two credit hours.

A methods course, giving demonstration in presenting elements of appreciation from first to eighth grades inclusive. Class meets daily at 11:55 in B-13.

MISS DACKERMAN

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 9:35 in B-37.

ASSOCIATE PROFESSOR HAWTHORN

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

Sociological factors in the formation of personality, struggle for psychic survival and "self-hood", prestige, bases and methods of leadership, conservation of genius and talent, "defeated" and mal-adjusted personalities, will be considered in this course. Class meets daily at 10:45 in B-37. ASSOCIATE 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 B-15. 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, and tempo, as means of vocal expression, and as modes of expression, simplicity, responsiveness, and abandon, are studied. Plays are rehearsed 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 B-12. MISS MCEBRIGHT

2. VOICE AND SPEECH. Three credit hours.

This course includes physical exercises for normal carriage and gestures. Personality is 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, in B-12. MISS MCEBRIGHT

Students desiring private lessons may secure them of Miss McEbright.

VOCATIONAL EDUCATION

4. ORGANIZATION AND ADMINISTRATION OF VOCATIONAL EDUCATION. Two credit hours.

This course includes a brief description of state and local school organization as the necessary setting for vocational education, the Smith-Hughes Act, the State Plan, procedure in establishing and maintaining types of classes and instruction in accordance with state and federal requirements, cosmopolitan high schools, unit trade schools, part-time schools and classes in the industry, co-ordination of school and industry, and apprenticeship committees. Class meets daily at 10:45 in S-213. MR. GREENLY

2. HISTORY AND PHILOSOPHY OF VOCATIONAL EDUCATION.
Two credit hours.

Various types of organization for vocational education to meet economic and social conditions and the theories underlying state and federal aid for vocational education are studied. Class meets daily at 11:55 in S-213.

MR. GREENLY

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. One credit hour.

This course deals with the general problems of high school teaching, including the aims of the high school, principles of learning, the technique of the recitation, supervised study, class discipline, individual differences of pupils, use of text books, supplementary reading, the curriculum, the personal relations of the teacher, educational statistics. Class meets daily first three weeks only at 7:15 in B-38.

MR. FLOOD

103. TESTS AND MEASUREMENTS FOR SECONDARY SCHOOLS. Two credit hours.

This course is designed for 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 latest and most practical tests for use in high schools. Class meets daily at 7:15 in B-32.

MR. BATES

106. EXTRA CURRICULAR ACTIVITIES IN SECONDARY SCHOOLS. One credit hour.

This course is intended for teachers supervising extra curricular activities. The course will consider specific activities, materials, ways of initiating activities, and methods of conducting them.

The following activities are to be considered: home room organization, school clubs, the assembly, student council, school publications, music clubs, school parties, dramatics, debating, athletics, and school banks. A point system for directing and limiting pupil activity, record cards for pupils and organizations, and work of the advisers will be taken up. Class meets daily first three weeks only at 8:25 in B-11.

MR. FLOOD

109. ADMINISTRATION OF SECONDARY SCHOOLS. One credit hour.

This course is designed for those who contemplate entering the administrative field of education, and for teachers who desire a better understanding of administrative problems and duties. It will take up the aims and objectives of secondary education, organization of instruction, school programs, schedule making, discipline, community life, improvement of teaching, personnel and other pertinent problems. Class meets daily first three weeks only at 9:35 in B-25. MR. FLOOD

119. EDUCATION AND CHARACTER. One credit hour.

This is 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 B-37. MR. COOKSON

120. THE TEACHER'S EQUIPMENT. One credit hour.

This course is for teachers, principals and supervisors. It is 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 B-15. 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 B-22. MR. COOKSON

104. GREAT TEACHERS. Two credit hours.

This course makes an intensive study of the great teachers of all times, with emphasis upon their contributions to educational philosophy, and their technique of teaching and mental hygiene. Class meets daily at 10:45 in S-113. PROFESSOR KUHNES

114. CURRENT EDUCATIONAL THOUGHT. Two credit hours.

This course makes a critical analysis of the new books on educational philosophy, theory and practice. The aim is to familiarize the student with current educational thought as expressed in the newest books and magazines. Class meets daily at 11:55 in S-113. PROFESSOR KUHNES

PSYCHOLOGY

104. MENTAL HYGIENE. Two credit hours.

This course is open to graduate students and consists 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. Class meets daily at 9:35 in S-213.

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. Class meets daily at 8:25 in S-213.

PROFESSOR HAYES

111. EXPERIMENTAL EDUCATION. One credit hour.

This course is planned to give training in the technique of research studies in education. A study will be made of the principles governing experimental studies and each student will be required to carry on some problems. The class will be sectioned so as to care for both advanced and beginning students. Open to graduate students and to undergraduate students who have had sufficient educational training and experience to profit by the course. Class meets daily first three weeks only at 10:45 in B-22. 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 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 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; S to Spicer Building; P to Phillips Hall and O to Olin Hall. The number after each subject indicates the room in which the class will recite.

7:15 to 8:15

- *Biology, O-25.
- *Child Psychology, S-213.
- *History of Ed. in U. S., S-112.
- Kindergarten Primary Art, P-1.
- *Labor Problems, B-37.
- *Money and Banking, B-15.
- Nature Study II, B-38.
- *Personal Hygiene, S-113.
- *Principles of Teaching in Secondary Schools, B-38.
- Remedial Work in Arithmetic, B-25.
- *Rhetoric, 1, B-26.
- Sight Singing and Ear Train., B-13.
- Story Telling 11, S-212.
- *Tests and Measurements for Secondary Schools, B-32.
- *Types of Prose, B-22.

8:25 to 9:25

- *Biology, Laboratory.
- *Business Administration, B-38.
- Correlative Education, B-37.
- *Education and Character, B-37.
- *Extra Curricular Activities, B-11.
- *French, B-22.
- Interpretation and Reading, Rehearsals, B-12.
- Kindergarten Primary Art, P-1.
- Methods in Reading, B-32.
- Nature Study I, B-11.
- Organization of Physical Ed. Activities, S-113.
- Principles of Teaching, S-112.
- *Psychology of H. S. Subjects, S-213.
- *Rhetoric 2, B-26.
- School Management, B-15.
- School Organization, B-25.
- Sight Singing and Ear Training, B-13.
- Story Telling 13, S-212.

9:35 to 10:35

- *Administration of Sec. Schools, B-25.
- *Biology, Laboratory.
- Swimming, Track and Baseball, Gym.
- *Ed. Psychology, S-113.
- First Aid, B-11.
- *General Sociology, B-37.
- Int. to Education, S-112.
- Lit. for Primary Grades, S-212.
- *Mental Hygiene, S-213.
- Nature Study III, B-25.
- Public School Music (Upper Grades), B-13.
- Remedial Work in Reading, B-15.
- *Rhetoric (last three weeks), B-26.
- *Rhetoric 2 (first three weeks), B-26.
- *Shakspeare, B-32.
- Teachers Equipment, The, B-15.
- Tests and Meas. for El. Schools, B-22.
- *Trigonometry, B-38.
- *Voice and Speech, B-12.

10:45 to 11:45

- *Accounting, B-26.
- *American History, B-25.
- Auditorium, The, B-11.
- *Biology, Laboratory.
- *English Bible as Literature, B-38.
- *Experimental Education, B-22.
- Folk Games, Gym.
- *Great Teachers, S-113.
- *History of Ed. in U. S. (first three weeks) S-112.
- *Home and School Crafts, P-1.
- Interpretation and Reading Rehearsals, (last three weeks), B-12.
- *Journalism, B-15.
- Organization and Administration of Vocational Education, S-213.
- Principles of Teaching (last three weeks), S-112.
- Public School Music (Primary Grades), B-13.
- *Sociology of Personality, B-37.
- *Stories and Legends, B-32.
- Supervision of Instruction, B-22.
- Teaching Arithmetic, S-212.
- Voice and Speech (first three weeks), B-12.

11:55 to 12:55

- *Current Ed'l. Thought, S-113.
- *Educational Sociology, B-15.
- Folk Games, Gym.
- *Folklore and Myths, B-32.
- *French, B-22.
- General Primary Methods, S-112.
- History and Philosophy of Voc. Ed., S-213.
- *Home and School Crafts, P-1.
- *Later Medieval Civilization, B-25.
- Music Appreciation, B-13.
- Teaching History, S-212.
- *Trigonometry, B-38.

ASSEMBLY SCHEDULE

Assembly exercises will be held each week on Thursday from 10:00 to 11:00 o'clock. Class periods on Thursdays will be as follows:

- 7:00 to 7:55.
- 8:00 to 8:55.
- 9:00 to 9:55.
- 11:05 to 12:00.
- 12:05 to 1:00.

Exercises are held in the Central High School Auditorium on Union Street.

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

Arrangements have been made with the City Hospitals by which especially prepared students may take student training courses in Dietetics.

Special material has been prepared for lecture work with some study for an organized group from the Akron and Summit County Federated Clubs.

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 will permit.

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 theses provides careful study of problems in Akron's educational program.

THE EVENING SESSION

In addition to duplicating courses of study which are a part of the Day Session curriculum by offering these subjects as "University Training at Night", the Evening Session assists the various business associations of Akron to organize courses of college grade. Each course is organized separately with a guiding committee of association members and educational counselors including the head of the Department of Commerce and Administration. Each committee plans definite objectives for its course of study. The Evening Session supplies the teaching staff and place of meeting, and is responsible for the administration of the educational program as planned. During the past academic year, the following associations have used this service with varied success:

- The Akron Real Estate Board.
- The Akron Purchasing Agents Association.
- The Akron Advertising Club.
- The Akron Retail Merchants Association.
- The Akron Life Underwriters Association.

See the Evening Session section for the committees and courses offered.

SHORT COURSES AND INSTITUTES

The Committee on Extension Lectures functions to provide clubs, business organizations and associations with lectures based on a definite objective developed by a survey or an apparent need. The lectures and study may be presented in series of from two to ten lectures, or in one or two day institutes as the organization desires. The Institutes so far organized by this committee have been for ten lectures, one each week for a period of ten weeks. The following clubs and associations have used this service:

- The Akron Retail Lumber Dealers Association.
- The Federation of Women's Clubs of Akron and Summit County.
- The Warm-Air Heating and Ventilating Association of the Builders Exchange of Akron and Vicinity.

See the Evening Session section for lists of lectures, lecturers, and committees.

REGISTER OF STUDENTS
1927-1928

BUCHTEL COLLEGE OF LIBERAL ARTS
GRADUATE STUDENTS

Allaman, Mary E.	.....	Akron
A. B., The University of Akron.		
Balazs, Gabriel George	.....	Racine, Wis.
B. S., University of Wisconsin.		
Barber, Ruth	.....	Warren
B. S., Western Reserve University.		
Bucher, Wendell Theodore	.....	Akron
A. B., Heidelberg University.		
Cole, Otis D.	.....	Lincoln, Nebr.
A. B., Nebraska Wesleyan University.		
Sellew, David Murray	.....	Galesburg, Ill.
B. S., Bowdoin College.		
Stewart, Blanche Minetta	.....	New London
Mus. B., Baldwin-Wallace College.		
Teeple, Dorothy Elizabeth	.....	Akron
A. B., Hiram College.		

Men 4; Women 4; Total 8

SENIOR CLASS

	Course	
Alexander, Reginald Myers	A. B.	Akron
Alpeter, James Eckert	A. B.	Akron
Amer, Josephine Rose	A. B.	Akron
Aspell, Marion Lincoln	A. B.	Akron
Auten, Ralph Wesley	A. B.	Akron
Averell, Julia	A. B.	Akron
Baldwin, Benjamin Harger	A. B.	Akron
Behling, Grace A.	B. S.	Akron
Berry, Louis A.	A. B.	Akron
Bishop, Donald Gerst	A. B.	Akron
Bitter, Raymond Edward	B. S.	Akron
Bond, Robert K.	A. B.	Akron
Bordner, Paul William	A. B.	Akron
Brodt, Carl Werner	B. S.	Akron
Burge, Gladys Ann	A. B.	Akron
Carney, Donald T.	A. B.	Akron
Connell, Ruth Evelyn	B. S.	Akron
Corbett, Evelyn Doris	A. B.	Akron
Corice, Elma Leona	A. B.	Akron
Coup, Charles Francis	A. B.	Akron
Crankshaw, Jesse Lewis	B. S.	Akron

Davis, Donald Harper	A. B.	Akron
Dey, Alice Grace	A. B.	Akron
Dobkin, Arthur	B. S.	Akron
Dodge, Winifred Eleanor	A. B.	Fairlawn
Dyson, Phyllis Wheaton	A. B.	Akron
Eberhard, Beulah Idona	B. S.	Wadsworth
Evkovich, William	B. S.	Akron
Figenscher, Carl	B. S.	Akron
Fletcher, Paul Edward	A. B.	Akron
Gilleland, Earl Roger	A. B.	Akron
Grim, Henry Earl	A. B.	Stryker
Hamlen, Dorothy A.	A. B.	Akron
Hare, Weston A.	B. S.	East Akron
Harris, Robert Foote	A. B.	Akron
Hays, Blaine	B. S.	Carlisle, Pa.
Horst, Harriet Eleanor	A. B.	Akron
Jacobs, Paul Edwin	A. B.	Akron
Johnson, Lillbern Beedle	A. B.	Akron
Kauffman, Clifford W.	B. S.	Akron
Kaufhold, Donald Leigh	B. S.	Akron
Kirn, Walter Norris	A. B.	Akron
Leonard, Donald Edward	B. S.	Akron
McCown, Mary Ella	A. B.	Akron
McPeake, Ruth K.	A. B.	Akron
Marquis, Ada Marguerite	A. B.	Akron
Midkiff, Ernest Hurston	A. B.	Salt Rock, W. Va.
Milar, Elizabeth Croninger	A. B.	Akron
Miller, Leslie S.	A. B.	Akron
Mitchell, Thelma M.	A. B.	Akron
Moore, Thomas Scott	B. S.	Akron
Mosher, Esther Naomi	A. B.	Akron
Nethers, Raymond	B. S.	Frazeysburg
Nichols, Robert Clarence	B. S.	Akron
Olin, Norma Ruth	A. B.	Akron
Oplinger, George W.	B. S.	Akron
Otis, Marie Louise	A. B.	Akron
Parker, Harold Dean	A. B.	Akron
Plant, Leland Haymond	A. B.	Akron
Plotkin, Louise	A. B.	Akron
Rhodenbaugh, Charles	A. B.	Akron
Ross, Clyde Emery	A. B.	Barberton
Safreed, Clair Olan	A. B.	Akron
Schiller, Mareta Grace	A. B.	Akron
Smith, Norman	A. B.	Akron
Stillman, Georgia Gertrude	A. B.	Akron
Sullivan, John Patrick	A. B.	Akron
Taylor, Jerome	A. B.	Akron
Trainer, Mary Grace	A. B.	Akron
Wainer, Eugene	B. S.	Akron
Wassmer, Elsie Alice	A. B.	Akron
Wetsel, Elizabeth	A. B.	Akron
Williams, Ralph Charles	A. B.	Akron
Winans, Charles Francis	B. S.	Akron
Witzberger, Clarence Michael	B. S.	Akron
Zepp, Florence Elizabeth	A. B.	Massillon

Men 47; Women 29; Total 76

JUNIOR CLASS

Course

Albertson, Roy Earl	B. S.	Cuyahoga Falls
Allman, Lillian Mildred	A. B.	Akron
Alspach, Ivan Cornell	A. B.	Lakewood
Amer, Francis J.	A. B.	Akron
Apel, Sara	A. B.	Akron
Baltz, Robert Ernest	B. S.	Akron
Bauman, Gerald Berdell	A. B.	Akron
Binet, Olga	A. B.	Akron
Bliss, Raymond Charles	A. B.	Akron
Boblett, William Blair	A. B.	Akron
Bowman, Laura Leone	A. B.	Akron
Brown, Raymond Ramsey	B. S.	Akron
Brown, Roy Edward	A. B.	Barberton
Brueggeman, Elmer C.	B. S.	Akron
Caplan, Lozier	A. B.	Akron
Cassidy, Harold Gomes	B. S.	Jamaica, B. W. I.
Chittenden, Paul John	A. B.	Akron
Cochran, Harold Montgomery	A. B.	Akron
Cole, Frederic Lamson	A. B.	Akron
Conner, Marian Helen	A. B.	Akron
Constiner, Merle	A. B.	Akron
Corman, Irvin Stanley	A. B.	Akron
Corns, Richard William	A. B.	Akron
Coulter, Panola	A. B.	Akron
Crawford, Helen	A. B.	Akron
Croft, Nellie E.	A. B.	Akron
Croysdale, Arthur George	A. B.	Akron
Darst, Byron H.	A. B.	Akron
Davies, Hayden Maxwell	A. B.	Akron
Dietrich, Philip Joseph	A. B.	Akron
Eaken, William	B. S.	Akron
Fink, Charles David	A. B.	Akron
Finney, Addis Howard	B. S.	Akron
Firestone, Arden Edson	A. B.	Akron
Fitzharris, Cletus James	B. S.	Akron
Flower, Walter Deane	A. B.	Akron
Foutts, James Claire	A. B.	Akron
Franklin, Josephine	A. B.	Akron
Fuller, Belle	B. S.	Akron
Garrett, Catherine Jeane	A. B.	Akron
Gilleland, Joseph Ellsworth	B. S.	Akron
Goodenberger, Harry Thomas	A. B.	Akron
Halter, Florence Emma	A. B.	Akron
Harms, Mary Terwilliger	B. S.	Akron
Hartenstein, Archer J.	B. S.	Akron
Hartline, Chester V.	A. B.	Akron
Herman, Edward Foster	A. B.	Akron
Hollingsworth, Frances Mary	A. B.	Akron
Johnson, Joseph	B. S.	Akron
Johnson, Ruth Elizabeth	A. B.	Akron
Johnstone, Kermit Thomas	B. S.	Akron
Kearns, William Patrick	B. S.	Winchester, Ky.
Keirn, Ralph Arthur	B. S.	Akron
Kinnan, Esther Ruth	A. B.	Akron
Knoske, Virginia Inez	A. B.	Cuyahoga Falls
Kodish, Samuel J.	A. B.	Akron
Koegel, Louise	A. B.	Akron

Kottke, Herman Elmer	A. B.	Akron
Krohngold, A. Cyril	A. B.	Akron
Krutky, Theodore	B. S.	Akron
Kushkin, Milton Mitchell	A. B.	Akron
Leonard, Dean Russell	A. B.	Akron
Leonard, Sherrill E.	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
Miller, Dorothea Faye	A. B.	Akron
Miller, William Henry	A. B.	Akron
Pect, Marian	A. B.	Akron
Pliskin, Reubin	B. S.	Akron
Pogany, Anna Marie	A. B.	Akron
Quine, Robert C.	A. B.	Akron
Reining, Henry, Jr.	A. B.	Akron
Rice, Russell Turner	B. S.	Akron
Richards, Randolph F.	B. S.	Akron
Romweber, Robert	A. B.	Akron
Royer, George Lewis	B. S.	Akron
Satow, Ivan Christian	A. B.	Akron
Schwarz, Gerald Theodore	B. S.	Akron
Shondel, John Stanley	B. S.	Akron
Simcox, Irene	A. B.	Wadsworth
Stump, Elizabeth Belle	A. B.	Barberton
Thomas, Daniel	B. S.	Akron
Thompson, Mildred Bessie	B. S.	Cuyahoga Falls
Traul, Donald M.	B. S.	Akron
Vance, John Warren	A. B.	Akron
Wetzel, Ralph Earl	B. S.	Akron
Wilcox, Richard Parker	B. S.	Mogadore
Wilson, Herman Stewart	A. B.	Owensboro, Ky.
Winer, Joseph	A. B.	Kenmore
Wolfe, David	A. B.	Akron
Wyatt, George Marvin	B. S.	Wilmore, Ky.
Yeager, Judd D.	A. B.	Ellet
Zettle, Ethel Harriet	A. B.	Akron

Men 67; Women 28; Total 95

SOPHOMORE CLASS

Course

Alexander, Joseph	A. B.	Akron
Alexander, Robert William	B. S.	Akron
Allaman, Loudora Mae	A. B.	Akron
Baker, Laurence Maywood	B. S.	Akron
Bandell, Samuel Joseph	A. B.	Akron
Barrackman, Lulu Merle	A. B.	Akron
Berloff, Morris	A. B.	Akron
Bishop, Ruth Emily	B. S.	Akron
Blumenstein, Karl	A. B.	Akron
Boyd, Beatrice Pearl	A. B.	Akron
Brenner, Elma M.	A. B.	Cuyahoga Falls
Brown, Robert Johnston	A. B.	Akron
Casserly, Jane Sloan	A. B.	Akron
Christman, Helen Louise	B. S.	Akron
Conger, Robert A.	A. B.	Peninsula
Conley, Dorothy Louise	B. S.	Akron
Connelly, Franklin B., Jr.	B. S.	Akron

Cooke, Gerald Francis	A. B.	Ontario, Can.
Cross, Donald Scott	B. S.	Akron
Daily, Robert M.	A. B.	Akron
Davidson, William Theodore	A. B.	Akron
Doughton, Richard, Jr.	A. B.	Akron
Ellis, George Sheldon	B. S.	Akron
Fisher, Norman Gail	B. S.	Akron
Foster, Mary Kathryn	B. S.	Akron
Fox, Edwin Harry	B. S.	Akron
France, Jessie Corinne	A. B.	Akron
Frost, Cecil	A. B.	Akron
Fulton, Robert Palmer	B. S.	Akron
Galloway, Frederick Merrill	B. S.	Peninsula
Gille, Merrill Charles	A. B.	Akron
Goldberg, Albert	B. S.	Akron
Gregg, Wilford Judson	A. B.	Akron
Grove, Helen Marjorie	A. B.	Clinton
Gwaltney, Ralph	B. S.	Kenmore
Hall, William Newton	A. B.	Akron
Heisel, Eldred Benjamin	A. B.	Akron
Helwig, Corinne Christine	A. B.	Akron
Hersman, Ancel B.	A. B.	Akron
Hoisveen, Milo Wilfred	B. S.	Grafton, N. D.
Hunsicker, Dorothy Alice	A. B.	Akron
Hutchison, Wallace I.	A. B.	Akron
James, Marie Anna	A. B.	Akron
Jeter, James Houston	A. B.	Akron
Joy, Betty Louise	A. B.	Tallmadge
Kaufmann, Frank Philip	B. S.	Akron
Killinger, Perth K.	A. B.	Cuyahoga Falls
Kirkup, Alice	A. B.	Akron
Kline, Van Lester	A. B.	Akron
Kranz, Robert Charles	B. S.	Akron
Kroeger, Arthur Paul	B. S.	Akron
Kroeger, Mary Elizabeth	A. B.	Akron
Krohmer, Jesse Gordon	A. B.	Akron
Kruse, Arthur Henry	A. B.	Akron
Ladroch, Ray Clinton	A. B.	New Philadelphia
Leach, Lucile	A. B.	Akron
Lenhart, George B.	B. S.	Akron
Lewis, John Bernard	A. B.	Akron
Lieberman, Harry	A. B.	Akron
Loy, Lina Jane	A. B.	Akron
Luke, Wade Devere	B. S.	Akron
McCrosky, Claribel Janet	B. S.	Akron
Macklin, Kenneth C.	B. S.	Akron
Mahoney, John	A. B.	Akron
Maloney, Robert J.	A. B.	Akron
Meadows, Rodgers McMorgan	A. B.	Akron
Mostenic, Mary Ruth	A. B.	Akron
Mottinger, Claude W.	B. S.	Cuyahoga Falls
Northy, Marian E.	A. B.	Akron
Parenti, Juliette	A. B.	Akron
Peabody, Donald W.	B. S.	Akron
Peet, Ruth Lenora	A. B.	Akron
Pesarick, Jack Frank	B. S.	Akron
Pittenger, John M.	A. B.	Akron
Pliskin, Samuel	A. B.	Akron
Reed, Evan James	A. B.	Akron

Reed, Margaret Lyle	A. B.	Barberton
Reed, Ruth	A. B.	Cuyahoga Falls
Reeves, Carl Emerson	B. S.	Willsboro, Ky.
Rockwell, Harriet Anne	A. B.	Akron
Rogers, Joseph Marion	A. B.	Akron
Rorick, Harvey Luther	B. S.	Akron
Rosenthal, Peter Harry	A. B.	Akron
Schroy, Wilda E.	B. S.	Akron
Sellers, David Conrad	B. S.	Akron
Shibley, Grant O.	B. S.	Akron
Snyder, Anne	A. B.	Akron
Spessard, Carl Dick	A. B.	Akron
Sturdevant, Martha Butler	A. B.	Akron
Thompson, Rufus Lee	A. B.	Akron
Todd, Leslie E.	A. B.	Akron
Tomlinson, Scott	A. B.	Akron
Tripp, Charles D.	A. B.	Barberton
Ufford, Charles William	A. B.	Akron
Wade, Donald Charles	A. B.	Silver Lake
Wainer, Elliot	A. B.	Akron
Walker, Sidney Roland	A. B.	Akron
Waller, Florence Josephine	A. B.	Akron
Waller, Gerald C.	A. B.	Burlington, Vt.
Warner, Eugene Calvin	A. B.	Akron
Wells, Edward William	A. B.	Akron
Wells, Kenneth Dale	A. B.	Akron
Werner, Frank H.	A. B.	Akron
Werner, Marshall Robert	B. S.	Akron
Whiteman, Frank Martin	B. S.	Akron
Wilson, Daisy Doris	A. B.	Akron
Young, Edwin Arthur	A. B.	Akron

Men 74; Women 33; Total 107

FRESHMAN CLASS

Averell, Priscilla	Akron	Burke, Charles Mayhew	Akron
Axel, Goldie	Akron	Butters, Harry Alfred	Akron
Bair, Marguerite Elizabeth.....	Akron	Caldwell, John Richard	Akron
Balber, Irwin	Akron	Carlisle, William Elmer	Kent
Barder, Ruth	Akron	Chamberlin, John Windsor	Akron
Bashline, Esther	Akron	Cherryholmes, Eva Pricilla	Barberton
Batchelder, Willet	Harrisburg, Ill.	Clark, Elizabeth Margaret.....	Cuyahoga Falls
Beck, Howard Lawrence	Akron	Clark, Robert L.	Akron
Beck, Morris Aaron	Canton	Cooper, Graydon Phillips	Akron
Bedford, Ruth	Akron	Corman, Eleanor Janet	Akron
Beese, Helen Elizabeth	Uniontown	Corwin, Harold	Kenmore
Bell, Ruth Ambyr	Barberton	Cox, Homer Theodore	Akron
Bendure, Myrtelle	Fairlawn	Creighton, Ruth Colleen	Akron
Bergin, Preston Barrett	Akron	Croy, Wallace J.	Hudson
Berglind, Edwin Gustave	Akron	Culbertson, Samuel James	Akron
Bitcon, Leroy	Barberton	Culver, Glen B.	Akron
Bitner, Walter David	Akron	Cunningham, James Henry	Akron
Bowman, Richard Rodman.....	Akron	Danford, Dorothy M.	Akron
Boyer, Ruth Helen	Cuyahoga Falls	Dapp, Evelyn May	Barberton
Brown, Francis Daniel	Akron	Davis, Frank Spurgeon	Akron
Brown, Harold Maywood	Logan	Decker, Faith	Akron
Brownsword, Roy Arthur	Akron	Dete, Leo Joseph	Akron
Bryant, Charles Edmund	Akron	Dewey, William Horace	Kenmore
Bump, Flora Margaret	Akron	Dirrig, Leo Bernard	Akron

Dobkin, Martha	Akron	Link, Mary Kay Jane	Akron
Doerler, Charles Edward.....	Cuyahoga Falls	McCaughey, Helen	Akron
Dunwiddie, D. Stanley	Akron	McDowell, Arthur Joseph	Akron
Earley, Lawrence Terence.....	Akron	McGailey, Bernadette Marie.....	Akron
Ellet, Gladys May	Akron	McGrath, Helen R.	Akron
Emerick, William John	Akron	McKenzie, Mary Sue.....	Greenville, S. C.
Emmons, Lois Estelle	Akron	McLean, Samuel David	Akron
Enright, William Michael	Barberton	McNamara, John Paul	Barberton
Ewart, Burt Harlin	Cuyahoga Falls	McShaffrey, Rita Rose	Akron
Felber, John C.	Akron	Manes, Al	Akron
Ferguson, Dan Chayne	Akron	Markwood, Ruth	Washington, D. C.
Fischer, Alberta Clara	Akron	Matz, Margaret Brown	Akron
Flaughner, Frank Vernol	Akron	Maxwell, Boyd Walden	Akron
Fleming, William Russell	Akron	Maxwell, Joseph A.....	Upper Sandusky
Flickinger, Clarence Howard.....	Cuya. Falls	Maxwell, Otis Graden	Akron
Flickinger, Eleanor Kathryn.....	Barberton	Merryweather, Gerald	Akron
Flickinger, Helen Louise.....	Cuyahoga Falls	Miller, Arthur N.	Akron
Frazier, Charles Richard	Akron	Mohler, Albert	Canton
Freshour, Margaret	LaRue	Motz, John Donald	Akron
Fulton, R. Harrison	Akron	Nagy, Louis	Akron
Funk, Cleo	Akron	Neff, Charles William	Akron
Gardner, Edna Romaine	Barberton	Neff, William Edward	Bellaire
German, James William.....	Cuyahoga Falls	Nesbitt, Glenn Welker	Stow
Gettins, Patricia	Akron	Newton, Frank H.	Akron
Gibson, Ruth Elizabeth	Akron	Obradovich, Olga	Akron
Gill, Marian Catherine	Akron	O'Neil, Eugene Joseph	Akron
Green, Albert L.	Akron	Orth, Marion Estelle.....	Cuyahoga Falls
Hagerty, Lawrence R.....	Farmington, W. Va.	Parker, Beatrice Ruth	Akron
Hamilton, Norman D.....	Marion Center	Parker, Hartwell Ruedy	Akron
Hamman, Clinton Gaylord.....	Kent	Pearce, Robert	Akron
Hansen, Virginia Elizabeth.....	Akron	Pesarick, Mary Agnes	Akron
Hanson, Hyman	Akron	Pfeifer, Wilbur Frank	Akron
Hartz, Ralph William	Akron	Phelps, Kenton Robinson	Kent
Hasbrouck, Evelyn	Akron	Pittenger, Doris Jean	Akron
Haslett, Charles Brown	Akron	Podlish, Louis	Akron
Heintz, Eleanor May	Akron	Prather, Clifford Paul.....	Hickory, S. C.
Honeywell, Arvine Joseph	Akron	Pressler, Edward Titus	R. D., Akron
Hunsberger, Gerald Henry	Akron	Preston, Frances Irene.....	Cuyahoga Falls
Hunter, Harold	Cuyahoga Falls	Price, Jesse Ray	Farmersville, La.
Ink, David Halverstadt	Akron	Prince, Floyd Kingsley	Wadsworth
Irish, Stanley Thurman	Sharon Center	Querry, Charles Delmas	Akron
Jackson, Adrian Howard	LaGrange	Raymond, Guy Maxwell.....	New Philadelphia
Jackson, Mary Elizabeth	Akron	Raynow, Robert Thomas	Akron
Jacobs, Blanche Elizabeth.....	Akron	Reed, Helen Louise	Akron
Jenkins, James	Akron	Richards, Henry Sheldon	Akron
Jeter, Raphael Garland	Akron	Robertson, Mervin Paul	Akron
Johnson, Roger Sherman	Akron	Rosenfeld, Wilbur Fuerst	Akron
Jones, Cyril	Akron	Ruch, Lewis Conrad	Akron
Jones, Margaret	Akron	Sacks, Leon J.	Akron
Joy, Marjorie Josephine.....	Cuyahoga Falls	Schafer, Gerald V.	Akron
Jubin, John	Akron	Schmaltz, Robert Morris	Akron
Kastner, Lena Marie	Akron	Schneider, Dorothy Jeanne	Akron
Katz, Arnold Leo	Akron	Schuster, Robert	Akron
Keister, Donald Adams	Barberton	Seaton, Myra	Tulsa, Okla.
Kistler, Thomas Jefferson	Akron	Shank, Donald J.	Akron
Kline, Willard Don	Barberton	Shaw, Harold Rufus	Akron
Korach, Edward Irving	Akron	Smith, Edith Irene	Akron
Krupp, Ilma Irene	Barberton	Smith, George Phillips	Akron
LaMonica, Leon Lewis	Akron	Smith, John D.	Akron

Smith, Lee Ford	Akron	Vasbinder, Dorothy Mae	Akron
Smith, Sydney	Akron	Waggoner, George	Akron
Snyder, Kathryn Elizabeth	Akron	Weber, James Wayne	Akron
Sonnhalter, Eleanor Mary	Barberton	Weiler, William David	Akron
Spicer, Mildred Lois	Akron	Weisberg, Hymen	Akron
Stall, Laura Elaine	Akron	Wenk, Russell Walter	Akron
Steineck, Bettie Margaret	Akron	Wentsler, Norman Edgar	Akron
Stevenson, Harold R.	Akron	Whipple, Paul Stanley	Barberton
Stinaff, Robert Kenton	Akron	Wiener, Mary E.	Akron
Stratton, Alva John	R. D., Akron	Wile, Etsel C.	Akron
Strehlan, Marguerite Wenonah	Akron	Winans, Irene Marion	Akron
Swartz, Harold Joseph	Akron	Wirz, Elizabeth Ida	Akron
Thomas, Harold Ray	Akron	Wolf, Alice Eleanor	Akron
Thornburg, Frances Susan	Akron	Wright, Harry Lavern	Akron
Tucker, Margaret Routh	Akron	Young, Leroy Franklin	Akron
Turner, John Donald	Akron	Zeis, Ruth Marie	Akron
Umbaugh, Kenneth Allen	Argos, Ind.	Zellinger, Bella Rebecca	Akron

Men 127; Women 73; Total 200

IRREGULAR STUDENTS

Alden, George Wright	Akron	Lachman, William Frederick	Akron
Bandy, Charles C.	Akron	Lansinger, Inga Thelma	Akron
DeCamp, Mrs. Emily	Akron	Merryweather, Clyde	Akron
Fox, Jennie	Akron	Mitchell, Merlie Mae	Akron
Galehouse, George Roberts	Akron	Murray, William Newton	Akron
Germann, Paul P., Jr.	Akron	Nasrallah, Arthur R.	Akron
Graves, George William	Akron	Perry, William Thomas	Akron
Griffith, Maynard John	Akron	Powell, Stephen Lewis	Altoona, Pa.
Gruner, Albert W.	Akron	Rine, Arthur H.	Akron
Karam, Ernest A.	Canton	Roeger, Glen W.	Krumroy
Krill, Albert J.	Akron	Shiras, Mrs. W. H.	Roxbury, Mass.
Kuhne, Bernhard G.	Akron	Snyder, Edward Burns	

Men 19; Women 5; Total 24

SPECIAL STUDENTS

Borowitz, David	Akron	Miller, Mrs. Vivian B.	Harrisburg, Pa.
Bradley, Noah O.	Sparta, Tenn.	Schwab, William	Akron
Chamberlin, Mary Windsor	Akron	Seiberling, Lucius Miles	Akron
Chapman, Taft	Akron	Reynolds, Jeanne Maxwell	Akron
Croke, Mrs. Kathryn M.	San Francisco, Cal.	Strausser, George W.	Akron
Dunlap, William	Glasgow, Scotland	Vigh, Michael	Akron
Flower, Francis Anthony	Carthage, Mo.	Wortley, M. Marjorie	Akron
Hart, Margaret	Akron		

Men 9; Women 6; Total 15

CURTIS SCHOOL OF HOME ECONOMICS

SENIOR CLASS

Baughman, Mildred Frances	Akron	Hunsicker, Sarah Alberta	Akron
Burr, Irma Mae	Akron	Martin, Nelda Elizabeth	Akron
Cross, Winifred Lona	Akron		

Total, 5 Women

JUNIOR CLASS

Brewster, Charlotte K.	Akron	Leckrone, Edna Faithe	Ravenna
Gravesmill, Margaret Anna	Akron	Scobie, Emma	W. Richfield
Kirn, Julia Anne	Akron	Wilhelm, Grace J.	Akron

Total, 6 Women

SOPHOMORE CLASS

Hay, Janet Elizabeth	Akron	Read, Janet	Akron
Ingersoll, Elizabeth	Akron	Witwer, Lois Geraldine	Akron
McGowan, Eleanor Marie	Akron		

Total, 5 Women

FRESHMAN CLASS

Frederick, Lois Irene	Akron	Wozniak, Genevieve Mary	Akron
Moore, Mary Elizabeth	Akron	Gustafson, Harriet Marie	Akron
Smith, Mildred Eugenia	Akron		

Total, 5 Women

IRREGULAR STUDENTS

Brunskill, Mabel Mae	Akron	Thompson, Juella	Akron
Hay, Helen Esther	Akron	Witzeman, B. Evangeline	Akron
Porter, Myrtle Naomi	Akron		

Total, 5 Women

COLLEGE OF ENGINEERING AND COMMERCE

DEPARTMENT OF ENGINEERING

C. E.—Civil Engineering
 E. E.—Electrical Engineering
 M. E.—Mechanical Engineering
 I. E.—Industrial Engineering
 Engr.—Course not elected

SENIOR CLASS

	Course	
Albertson, Donald S.	C. E.	Cuyahoga Falls
Baker, Paul Kenneth	E. E.	Akron
Delagrang, Carl	E. E.	Barberton
Greenwald, Ralph Russell	E. E.	Akron
Gurin, Edward Israel	M. E.	Akron
Hamlen, Earl Kenneth	M. E.	Akron
Harter, Raymond Alvin	C. E.	Akron
Hoolley, Kenneth Raymond	C. E.	Wooster
Hoopes, Frederick Winfield	E. E.	Akron
McCluer, Henry O.	M. E.	Akron
McCracken, Robert William	E. E.	Cuyahoga Falls
Miller, Vernon C.	C. E.	Orrville
Newhall, Clifton M.	C. E.	Akron
Schafer, Joseph Edward	E. E.	Akron
Wingerter, Ralph Adkins	C. E.	Akron

Total, 15 Men

JUNIOR CLASS

	Course	
Ballinger, Victor H.	E. E.	Akron
Bierman, Philip Wilson	E. E.	Akron
Burkholder, Glenn Elwood	E. E.	Smithville
Hilbish, Harold Earl	M. E.	Akron
Hodson, Clinton Aloysius	M. E.	Akron
Hostetler, Victor Henry	M. E.	Amherst
Kopi, Willard Emerson	C. E.	Akron
Lister, Nelson E.	M. E.	Canton
Marriott, Leonard A.	M. E.	Akron
Miller, Lawrence E.	C. E.	Akron
Rang, Lester T.	E. E.	Akron
Starr, Troy S.	E. E.	Gerry, N. Y.
Steinkerchner, Edward Charles	I. E.	Akron
Suloff, Paul David	M. E.	Akron
Tinley, Charles David	E. E.	Edinboro, Pa.
Tomb, Hamilton H.	C. E.	Clinton
Viall, Carl Sylvester	C. E.	Akron
Wagner, John Forest	C. E.	Marshallville
Willett, Robert Bruce	M. E.	Akron

Total, 19 Men

THE UNIVERSITY OF AKRON

PRE-JUNIOR CLASS

Course		
Barnholth, Claude Robert	E. E.	Akron
Bender, John E.	C. E.	Canton
Benedict, Merland Henry	C. E.	Medina
Benseler, William	E. E.	Hanover, Germany
Broxon, Robert Edgar	M. E.	Akron
Buffington, Gerald E.	E. E.	Akron
Christman, Kermit Orison	E. E.	Cuyahoga Falls
Clark, George G.	E. E.	Akron
Dietz, Frederick C.	C. E.	Akron
Durant, Arthur Hervey	E. E.	Akron
Fisher, Leland V.	M. E.	Akron
Gilbert, Ben	C. E.	Akron
Hanna, Elmer	E. E.	Akron
Hansen, Frank	M. E.	Akron
Hite, Glenn Oberlin	E. E.	Akron
Hoffman, Wilbur	E. E.	Akron
McFadyen, William Robertson	C. E.	Cameron, N. C.
Manson, Finley J.	M. E.	Akron
Medvedeff, Nicholas	E. E.	Akron
Oldham, Albert Henry	M. E.	Akron
Patterson, William George	C. E.	Akron
Pracejus, Herbert F.	M. E.	Bedford
Robishaw, Wallace Bruce	C. E.	Bedford
Schacht, John Conrad	E. E.	Amherst
Serfass, Charles Richard	C. E.	Akron
Sisler, Harlin Glenroy	M. E.	Akron
Snyder, Millard Sylvester	M. E.	Akron
Statuta, Joseph M.	E. E.	Cleveland
Symms, Samuel Y.	C. E.	Peterstown, W. Va.
Talisman, Volco	C. E.	Russia
Williams, Frank M.	C. E.	Midland, Pa.
Williams, Paul A.	C. E.	Midland, Pa.
Wilson, Wendall Oliver	E. E.	Kenmore
Woodward, William Brooks	E. E.	Kenmore

Total, 34 Men

SOPHOMORE CLASS

Course		
Auten, Delbert E.	M. E.	Akron
Badonsky, Paul	C. E.	Akron
Bair, Lawrence Vernon	E. E.	Medina
Blazer, Harold	E. E.	Carrollton
Brennon, Louis Joseph	E. E.	Kenmore
Brewster, Wayne Todd	E. E.	Akron
Buckley, John Harrison	M. E.	Akron
Buckmaster, Charles W.	E. E.	Akron
Chenot, John R.	E. E.	Akron
Christoff, Elia Constantin	E. E.	Akron
Curnow, Harry T.	C. E.	Akron
Dice, William Merrill	M. E.	Akron
Dickinson, Neil Kenneth	E. E.	Medina
Fall, Amos William	M. E.	Port Clinton
Flener, Paul E.	M. E.	Akron
Frampton, Theodore Rowles	E. E.	Akron
Gillespie, Marshall Ford	I. E.	Akron
Hadfield, Robert W. M.	M. E.	Akron
Hayes, Leroy	E. E.	Edinboro, Pa.

Hershey, John H.	E. E.	Akron
Honeywell, Alba M.	M. E.	Millford, Ill.
Huber, Henry A.	E. E.	Akron
Hunn, Robert	M. E.	Sleepy Eye, Minn.
Hunt, Allison Orvis	M. E.	Wooster
Kochel, Robert Kenneth	M. E.	Orrville
Koehler, Henry	E. E.	Akron
Kraft, Theodore Andrew	E. E.	Akron
Krause, Floyd C.	M. E.	Akron
Krennick, Harold Wm.	E. E.	Akron
Lambert, Edward Savinsky	E. E.	Akron
Levy, Isadore	E. E.	Akron
Lindholm, Jalmer	C. E.	Dorset
MacClellan, Malcolm	M. E.	Akron
Major, Robert Lee	M. E.	Akron
Martin, Sylvan	C. E.	Akron
Moore, James Russell	C. E.	Kent
Murphy, George Patrick	C. E.	Akron
Nye, Benjamin Elmer	M. E.	Sharon, Pa.
Olivo, Dominic Anthony	E. E.	Akron
Peterson, Walter K.	M. E.	Akron
Pfromm, George Louis	E. E.	Akron
Ransom, Jay William	M. E.	Bryan
Ream, Frank E.	M. E.	Akron
Reynolds, Wade Whipple	C. E.	Elyria
Richardson, John	C. E.	Corry, Pa.
Rogers, Donald W.	E. E.	Akron
Routson, Leroy O.	M. E.	Akron
Salner, Edward	M. E.	Akron
Sawdy, Gordon F.	M. E.	Andover
Scharenberg, Elmer Milton	C. E.	Everett
Schroeder, Ben G.	E. E.	Akron
Schroeder, Harold H.	E. E.	Freelandville, Ind.
Schutz, Emil	E. E.	Akron
Seifried, Anton George	E. E.	Kenmore
Sheedlo, Wilfred Louis	E. E.	Escanaba, Mich.
Shively, Harmon G.	E. E.	Akron
Smeal, Maldine Wayne	C. E.	Akron
Smith, Chester E.	E. E.	Somerset, Ky.
Smith, Theodore Edman	E. E.	Akron
Somogy, Chris A.	C. E.	Sharon Center
Spicer, Alvin Whitelaw	M. E.	Akron
Springston, Clifford Dennis	E. E.	Akron
Stafford, Francis William	C. E.	Akron
Stone, Kent B.	M. E.	Willard
Strole, Archie E.	E. E.	Akron
Suloff, Karl Frank	M. E.	Akron
Suttkus, Henry	M. E.	Orrville
Thomas, Harold	E. E.	Akron
Viall, Robert Albert	E. E.	Akron
Walker, Charles Edward	M. E.	Cleveland
Walters, Ellsworth Clement	M. E.	Tallmadge
White, Clarence Elton	E. E.	Akron
Williams, Merle J.	E. E.	Akron
Wolfe, Raymond F.	M. E.	Akron
Woodrow, Ernest J.	C. E.	Washington, D. C.

Total, 75 Men

FRESHMAN CLASS

	Course	
Arnette, Rexford Raymond	E. E.	Mogadore
Bachtel, Kenneth Edward	Engr.	Kenmore
Bechtol, Paul Shrackengast	Engr.	Akron
Biasella, Humbert	C. E.	Akron
Brock, Fred	M. E.	Akron
Brunswick, Paul Eclward	Engr.	Akron
Buckley, Alan G.	M. E.	Akron
Cahill, Blake	Engr.	Akron
Claypoole, Clinton Young	E. E.	Adrian, Pa.
Cowles, Oliver Howard	Engr.	Stow
Crano, James Vincent	Engr.	Akron
Cross, Sherman	Engr.	Akron
Davis, Robert Martin	Engr.	Akron
DeYoung, Russell	Engr.	Akron
Doran, Helen Marguerite	Engr.	Cuyahoga Falls
Edson, Frank Theodore	E. E.	Foreman, Ark.
Eichelberger, Odin Porter, Jr.	M. E.	Akron
Falls, Eugene Kely	M. E.	Kent
Firth, Horace Webb	Engr.	Cuyahoga Falls
Fish, Herbert Raymond	Engr.	Akron
Fuller, Claude	Engr.	Akron
Galloway, Francis Laverne	Engr.	Peninsula
Gerber, Russell Arthur	Engr.	Akron
Germann, William Joseph	Engr.	Akron
Gillespie, Carl Raymond	Engr.	Akron
Gugoff, Kristio P.	C. E.	Bulgaria
Haines, Omie Charles	Engr.	Cuyahoga Falls
Harman, Allan M.	Engr.	Akron
Hazlett, Robert Thomas	Engr.	Akron
Hoffman, Thelma	E. E.	Akron
Johnson, Everett Forest, Jr.	Engr.	Akron
Johnson, Wallace Harold	Engr.	Akron
Kiefer, Clifford William	Engr.	Kenmore
Krug, Lester Eugene	Engr.	Akron
Laiblin, William Albert	C. E.	Hartville
Laird, Stanley Miner	E. E.	Charlevoil, Pa.
Leibowitz, Sol	Engr.	Akron
Leshinsky, Isadore	Engr.	Akron
Lombardi, Angelo Frank	Engr.	Akron
Major, Thomas Edwood	Engr.	Peninsula
Martin, Earl H.	C. E.	Akron
Miller, Virgil Leroy	Engr.	Akron
Moffatt, William George	Engr.	Akron
Moody, Ralph James	Engr.	Akron
Moss, Jesse Stafford	M. E.	Kent
Mueller, Elliott Selby	M. E.	Akron
Myers, Byron	Engr.	Orrville
Poole, Donald S.	Engr.	Akron
Quine, Harry Stanford	Engr.	Akron
Renninger, Terry Donald	Engr.	Uniontown
Rodenfels, Lester J.	Engr.	Delaware
Roeger, Earl Archibald	Engr.	Akron
Salner, Victor Eugene	E. E.	Akron
Schlegel, Albert Frederic	Engr.	Akron
Schwarzmueller, Harry	Engr.	Buffalo, N. Y.
Secrest, Burt Theodore	Engr.	Akron
Shelly, Martin Joe	Engr.	Kenmore

Shively, Russell	Engr.	Akron
Smith, Harold Charles	Engr.	Akron
Sparks, Paul Emerson	Engr.	Akron
Stalnaker, Sturley Gly	C. E.	Spencer, W. Va.
Stewart, Chalmers Kittoe	Engr.	Akron
Sweet, William Robert	Engr.	Corry, Pa.
Talisman, Leib	Engr.	Palestine
Tambling, Philip	Engr.	Akron
Taylor, Orlin M.	Engr.	Akron
Tillett, Charles Merthyn	Engr.	Akron
Tucker, William M.	E. E.	Akron
Turina, Irvin Walter	Engr.	Akron
Ulrich, Louis C.	E. E.	Akron
Vasbinder, Kenneth Harry	Engr.	Akron
Warrick, Ralph George	Engr.	Akron
Watson, John Graham	Engr.	Akron
Welch, Harmon Crane	Engr.	Cumberland, Md.
Windsor, Frederick Thomas	Engr.	Akron
Witwer, Frank Cyrus	Engr.	Akron
Woodward, Foster R.	M. E.	Akron
Yahner, Donald Peter	Engr.	Akron

Men 76; Women 2; Total 78

IRREGULAR STUDENTS

Course

Carter, Corwin Howard	E. E.	Everett
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SPECIAL STUDENTS

Course

Arthur, Boyd	M. E.	Akron
Brenfeck, Elmer P.	E. E.	Akron
Dyke, Minor B.	E. E.	Akron
Freeman, Melvin Eugene	Engr.	Canton
Hartman, Edward Robert	E. E.	Barberton
Hine, Leland Wright	C. E.	Tallmadge
Jewell, Jacob Wm.	Engr.	Akron
McFarland, Walter C.	E. E.	Mosquero, New Mexico
Swindler, Albert Ernest	Engr.	Akron

Total, 9 Men

DEPARTMENT OF COMMERCE AND BUSINESS
ADMINISTRATION

GRADUATE STUDENT

Lancaster, Emmer Martin	Akron
A. B., The University of Akron.	

SENIOR CLASS

Benn, Paul E.	Akron	Roeger, Dorothy Elizabeth	Akron
Bock, Fred Clinton	Akron	Schoch, Joseph Albert	Akron
Lodge, William Ellsworth	Cuyahoga Falls	Zahniser, Russell M.	Akron

Men 5; Women 1; Total 6

JUNIOR CLASS

Forbes, Samuel John.....Cuyahoga Falls	Place, Frederick Andrew, Jr.....Akron
Fulton, Charles Everett .....Akron	Rose, William M. ....Akron
Hammond, Merle Leroy .....Kenmore	Thomas, John Clarentine .....Akron
Helmick, Leonard Milton .....Barberton	Thompson, C. Porter .....Akron
Lodge, Edward Ellsworth.....Cuyahoga Falls	Van Kirk, Budd .....Akron
McCullum, Wilfred D. ....Akron	Wilson, Howard Martin .....Valencia, Pa.
Nelson, Harold C. ....Akron	Zuelsdorf, Ellwood Milton .....Akron
Olden, Morris .....Akron	

Total, 15 Men

PRE-JUNIOR CLASS

Chapin, Maurine .....Akron	Morris, Wesley Orton .....Kenmore
Cox, William Herschel .....Akron	Neil, James Charles .....Youngstown
Crum, Allen Samuel .....Akron	Rogers, David Crum .....Bucyrus
Godlesky, Vincent Walter .....Athol, Mass.	Russell, Clarence Willard .....Akron
Herrick, Earl Victor .....Akron	Singer, Maurice .....Akron
Kerr, Ray Willis .....Akron	Tidyman, Jack Dunster .....Akron
Markel, Gerald A. ....Akron	Zahniser, Robert Elmer .....Akron

Men 13; Women 1; Total 14

SOPHOMORE CLASS

Adams, James F. ....Akron	Little, Owen William .....Akron
Ard, James Weaver .....Aaronsburg, Pa.	McCallops, David A. ....Akron
Benson, George .....Akron	Meadows, James Rufus .....Akron
Black, Paul Eugene .....Akron	Miller, Harry Herbert .....Brooklyn, N. Y.
Brocies, Max Earl .....Indianapolis, Ind.	Morris, Donald Robert .....Akron
Coker, William Larkin .....Talladega, Ala.	Myers, Donald Herman .....Akron
Crum, James Crolus .....Akron	Nist, Donald T. ....Akron
Ensign, Hadley N. ....Akron	Parsons, Percy Perry .....Akron
Favinger, Clarence Means .....Akron	Rainey, Carrell Irvin .....Mahaffey, Pa.
Foutts, Harold C. ....Akron	Rivits, Harold H. ....Akron
Gilbride, Edward John .....Akron	Rodgers, Howard Ernst .....Akron
Gordon, Jacob .....Akron	Schlemmer, Robert Meade .....Akron
Griesmer, George A. ....Wadsworth	Suitt, Sam R.....Durham, N. C.
Griesmer, Joe .....Wadsworth	Thatcher, John Gordon .....Akron
Hale, Edward Loren .....Solon	Thomas, Maynard .....Akron
Hampel, Louis Frederick .....Akron	Wise, Clarence .....Uniontown
Harding, Clarence G. ....Kenmore	Wuchter, Edwin H. ....Akron
Jones, Paul James .....Akron	

Total, 35 Men

FRESHMAN CLASS

Arnold, Harold Galin .....Akron	Kodish, Louis .....Akron
Booth, Richard F., Jr.....Akron	Kochler, Donald Frank .....Akron
Demko, Michael Paul, Jr. ....Akron	Kraus, Bernard Joseph .....Akron
Galloway, Robert William .....Akron	McKelvey, Loftin .....Akron
Glowacke, Max M. ....Lockwood	Miller, William W. ....Akron
Gray, Don Victor .....Cleveland	Morris, Walter Jack...Mannington, W. Va.
Greenfield, Julius L. ....Akron	Ostroff, Sam .....Akron
Hartz, Gilbert Arthur .....Akron	Pagote, Edmond Joseph.....Grafton, N. D.
Jenkins, Leonard Clyde .....Akron	Porter, John Edwin .....Akron
Jillson, George Jacob.....New York, N. Y.	Rogers, Cecil Albert .....Akron
Karres, George .....Orohova, Greece	Rutherford, James E. ....Akron
Keen, Bernard Spenter .....Akron	Savage, Harold William .....Akron
Kempel, George Paul .....Akron	Short, Randolph J. ....Akron

REGISTER OF STUDENTS

251

Spitler, Burdette Willard .....North Canton	Thatch, John .....Akron
Spratt, William Walter, Jr.....Akron	Waggoner, Robert Hugh .....Akron
Sullivan, Louis Harold .....Akron	Walkup, William Edmund .....Akron
Talcott, Donald William .....Akron	Watkins, David Howell .....Kent
Tapper, Irving Bernard .....Akron	Zuch, Albert Mattison .....Negley

Total, 36 Men

SPECIAL STUDENTS

Birch, Harry A. ....Akron	Hlas, John Peter .....Barberton
DeSure, Edward .....Akron	Wacker, Alfred Henry .....Akron
Doland, Howard Arthur .....Akron	

Total, 5 Men

SECRETARIAL SCIENCE COURSE

JUNIOR CLASS

Stall, Margaret .....Akron

SOPHOMORE CLASS

Schlemmer, Josephine E. ....Kenmore

FRESHMAN CLASS

Armstrong, Catherine Jane .....Akron	Orr, Grace .....Akron
Clark, Frances Adelaide .....Akron	Reaven, Shirley .....Akron
Cohen, Jeanne Edithe .....Akron	Schiller, Florence Jeanette .....Akron
Coup, Nancy Ann .....Akron	Starner, Geraldine .....Akron
Mitchella, Marion Elise .....Akron	Williams, Beatrice Marie .....Akron
Munsell, Gertrude Ruth .....Akron	Young, Helen Louise .....Akron

Total in Course, 14 Women

THE TEACHERS COLLEGE

GRADUATE STUDENTS

Ault, Honor	Akron
A. B., The University of Akron.	
Barrett, Lois Bernardine	Akron
A. B., The University of Akron.	
Bordner, Ada Ellen	Akron
A. B., The University of Akron.	
BuDahn, Grace	Kent
B. S., Kent State Normal College.	
Collins, Frances	Akron
A. B., Smith College.	
Finley, Otis Ezekiel	Lynchbrook, L. I.
B. E., University of Illinois.	
Hall, Lowell Headley	Marshallville
A. B., Greenville College.	
Hassenfue, Dorothy	Akron
A. B., Lake Erie College.	
Hassler, Doris Janet	Akron
A. B., Oberlin College.	
Higgins, Mrs. Marie	Akron
B. S., Ohio State University.	
Holloway, LeRoy P.	Akron
B. S. M. E., University of West Virginia.	
Kincaid, Mrs. Pansy S.	Kenova, W. Va.
A. B., George Washington University.	
Meier, Helen Jane	Akron
A. B., The University of Akron.	
Neuwirth, Robert Floyd	Alliance
A. B., Ohio University.	
Shields, Mrs. Hazel Bennett	Dallas, Texas
B. A., University of Texas.	

Men 5; Women 10; Total 15

SENIOR CLASS

Adams, Virginia Louise	Akron	Dilley, Marguerite Hudson	Akron
Austin, Lorraine Lucille	Akron	Dorn, Ruth M.	Akron
Bailey, Mary Catharine	Akron	Freedman, Ann	Akron
Barber, Dorothea	Silver Lake	Harris, Freda Mae	Akron
Barber, Ethelyn May	Akron	Hein, Hildegard Evelyn	New Ulm, Minn.
Boylan, A. Lucile	Akron	Holman, Neva Fay	Akron
Cable, Rena Nancy	Akron	Holub, Miriam Audrey	Akron
Chambers, Auten Randolph	Akron	Housel, Mildred Ethel	Akron
Crankshaw, Ruth Ella	Akron	Jehle, Mimi Ida	Akron
Dettling, Elizabeth Jeannette	Akron	Kaiser, Pauline Elizabeth	Akron

Lambert, Thelma Marie	Akron	Randall, Lucetta Rebecca	Akron
Lebold, Ellen Lenore	Akron	Richert, Paul Ulysses	Kenmore
Lieberman, Bessie	Akron	Schlitt, Freda Elizabeth	Akron
Lipps, Walter Conrad	Akron	Short, Cheryl Mildred	Akron
Long, Robert George	R. D., Akron	Smart, Marcia Royce	Akron
McCormick, Enid Dean	Akron	Smith, Edward Leland	Akron
McLaney, Janie Loudell	Akron	Sullivan, Helen Janet	Akron
Maxwell, Iona Fay	Akron	Thatcher, Katherine Mary	Akron
Metzger, Mary Eleanor	Greentown	Vredenburg, Verena	Akron
Monroe, Emma Barber	Akron	Wargo, Frank George	Akron
Nye, Helen Houser	Akron	Wilhelm, Henrietta	Akron
Price, Ruth Wanda	Akron	Wine, Rose	Akron
Pritchard, Estherbell	Akron	Wright, Earl Ott	Akron
Purdy, Pauline Harriet	Akron		

Men 7; Women 40; Total 47

JUNIOR CLASS

Adamson, Lucile Rea	Akron	Jussell, Judson George	Akron
Allen, Isabelle Frances	Akron	Keep, Haskell Harold	Dorset
Allen, Sara Geraldine	Akron	Ludlam, Eulalia McVann	Akron
Alpeter, Katherine Marie	Akron	McShaffrey, Mary Elizabeth	Akron
Anderson, Linnea A. C.	Akron	Miller, Margaret Arlene	Akron
Baughman, Doris E.	Akron	Morse, Grace Marie	Akron
Baus, Mary	Akron	Myers, Ingram Calvin	Akron
Burgess, Bernadette J.	Akron	Parsons, Frances Elizabeth	Akron
Butterworth, Mary Elizabeth	Kenmore	Reining, Elizabeth	Akron
Christenson, Inez	Akron	Reiter, Alma Mary	Akron
Cockrell, Helen Elisabeth	Akron	Reynolds, Mildred Irene	Akron
DeYoung, Catharine Myra	Akron	Richards, Marie Louise	Akron
Galloway, Marie Janet	Akron	Robison, Charles Ewing	Akron
Glew, Bessie Mildred	Canton	Rosenberg, Rose Rae	Akron
Gross, Roy Edwin	Greentown	Ruttman, Walter D.	Akron
Hannah, Alice Frances	Akron	Sayre, Mildred Vivien	Akron
Harding, Elizabeth Jane	Akron	Somerfeldt, Myrtle M.	Akron
Hardy, Esther Ione	R. D., Akron	Tisch, Loretta Satyra	Akron
Harford, Margaret Avelle	Akron	Toharsky, Mollie F.	Akron
Hayes, Merlin Lewis	Akron	Volk, Marie Agnes	Akron
Hoffman, Thelma Marie	Canton	Williams, Vivian Mary	Akron
Hopkins, Carl Laurence	Akron	Wright, Helen E.	Akron
Huffman, Walter Lowell	Stryker		

Men 9; Women 36; Total 45

SOPHOMORE CLASS

Ahern, Rose Louise	Akron	Cardarelli, Ann Josephine	Akron
Allen, Gertrude Cecil	Akron	Christenson, Bernice Ruth	Akron
Allen, Grace Victoria	Akron	Clement, Sela Page	Akron
Armocost, Kathryn Gertrude	Akron	Close, Alice Josephine	Akron
Auten, Josephine Elizabeth	Akron	Corl, Clifton Henry	Ellet
Barber, Esther Clementine	Akron	Corwin, Helen Lucille	Akron
Barder, Bessie Burnette	Akron	Dandridge, Mildred	Akron
Barker, Carl Harvey	Akron	Dasch, Anna May	Akron
Barnes, Mildred Mae	Akron	Dietz, Josephine Helen	Ellet
Basnett, Mrs. Virginia	Anmoore, W. Va.	Dyer, Clarence R.	Akron
Belohlavek, Vlasta Marie	Akron	Emmons, Paulyne Drabelle	Akron
Braunstein, Katie	Akron	Ewing, Dorothy Marie	Akron
Brooker, Harriet Elisabeth	Akron	Fassnacht, Edward Albert	Akron
Bunker, Loomis O., Jr.	Akron	Fetter, Marian Estelle	Kenmore
Buy, Marjorie Ann	Akron	Fetter, Mary Isabelle	Kenmore

Fifer, Madeline Antles	Akron	Marks, Marie Marian	Akron
Fischer, Mary Louise	Tallmadge	Metzger, Frances Irene	Greentown
Freeling, Margaret Joyce	Akron	Musser, Esther Mae	Akron
Fuhrman, Dorothy Mae	Akron	Nathanson, Mary Belle	Akron
Galleher, Ed Lucky	Akron	Olson, Greta P.	Akron
Hagle, Dorothy Elizabeth	Akron	Poppenger, Bertha Blanche	Akron
Harter, Margaret Lucille	Akron	Rea, Helen Eloise	Akron
Heepe, Ethel Marie	Akron	Reusch, Helen Margaret	Akron
Hood, Margaret Helen	Akron	Rimer, Philip E.	Kenmore
Huffman, Raymond R.	Stryker	Romweber, Ruth Elizabeth	Akron
Hunsicker, Juanita Caroline	Akron	Sanderson, Dorothy C.	Akron
Hutz, Elonet Amelia	Akron	Seacrist, Olive May	Akron
Ingersoll, Betty	Akron	Sheinin, Katherine	Akron
Jones, Margaret Annabelle	Akron	Staley, Mary Lucille	Akron
Keller, Ruth Edna	Akron	Stroman, Doris Akers	Akron
Kennedy, Emily Virginia	Peninsula	Suhodolink, Lawrence E., Jr.	Akron
Klipstein, Edward Emil	Akron	Taylor, Emma Mae	New Waterford
Knabe, Leona Ruth	Akron	Thompson, Sarah Elizabeth	Andover
Koester, Lillian A.	Akron	Thornton, Olive Lucile	Akron
Koester, Marie Joann	Akron	Tragesser, Mary Louise	Akron
Lang, Pauline Freida	Akron	Van Tassell, Dorothy	Akron
Lenig, Delma Lucetta	Akron	Weber, Fanny Margaret	Akron
Lorentz, Ruth Margaret	Akron	Williams, Evelyn May	Akron
McCallops, Dorothy Zoe	Akron	Williams, Frances Mary	Akron
McCown, Anna Mae	Akron	Williams, Irene	Akron
Manziona, Anna B.	Akron	Wilson, Mary Catherine	Akron
Marggraf, Edward Ewald	Akron	Young, Ruth DuShane	Tallmadge

Men 11; Women 73; Total 84

FRESHMAN CLASS

Ackley, Stanley	Akron	Davis, Geraldine	Barberton
Armocost, Mildred Elsie	Akron	Davis, Lois Ann	Akron
Austin, Adelaide Mae	Akron	Dehn, Viola Carolyn	Akron
Avery, Virginia Harriet	Akron	DeSure, Mary	Akron
Banks, Byron Alston	Portage Lakes	Dethloff, Lillian Wagner	Medina
Bantz, Dorothy	Barberton	Dickinson, Vivian Mae	Peninsula
Barlett, Mildred Fessler	Akron	Eberhart, Ruth Fiant	Akron
Belden, Edith Louise	Akron	Elliott, Elizabeth Iris	Cuyahoga Falls
Bende, Helen Margaret	Kenmore	Finley, Dorothy Juanita	Akron
Black, Clara May	Akron	Frank, Elizabeth Hope	Fairlawn
Bowen, Beatrice Nellie	Akron	Frederick, Virginia	Akron
Braunstein, Anne	Akron	Frye, Harold Eugene	Akron
Brothers, Madeleine Fay	Akron	Goehler, Charles Ralph	Akron
Buffington, Mildred Foster	Akron	Gonder, Evelyn Ruth	Akron
Buntz, Wava Audrene	Akron	Green, Gretchen Guard	Youngstown
Burket, Grace Lucille	Akron	Griffin, Alice Helen	Akron
Button, Fae E.	Akron	Griffith, John C.	Akron
Carey, Alice Beatrice	Akron	Grubb, Josephine	Akron
Casenhiser, Clifford William	Akron	Haines, Ruth Elizabeth	Akron
Cochran, Virginia Margaret	Akron	Hale, Mary Louise	Akron
Cochrane, Kenneth	Akron	Hammond, Wayne Celian	Kenmore
Cogan, Madeline Mary	Akron	Hawkins, Edna Marie	Akron
Cohn, Virginia Webber	Akron	Herwig, Helen Phyllis	Kent
Cook, Sylvia Elizabeth	Akron	Hofer, Elsie	Akron
Cooper, Alice Margaret	Akron	Hoffman, Margaret Elizabeth	Akron
Corbett, Ruth Mabel	Akron	Hull, Fern Henrietta	Akron
Currie, Beatrice Elizabeth	Akron	Hull, Wayne Duncan	Akron
Davis, Anna Louise	Akron	Hutchinson, John Bernard	Akron

Jones, Sarah Helen	Akron	Poppenger, Grace Elizabeth	Akron
Kepler, Beatrice	Akron	Reed, Martha Virginia	Kenmore
Kepler, Dorothy	Akron	Rians, Dorothy Jane	Akron
Ketcher, Melba Lois	Akron	Rife, Mary Ruth	Akron
Kindig, Ruth Marian	Akron	Rinaldo, Joseph Nicholas	Magnolia
King, Charles Dean	Clio, Ala.	Ringhand, Florence	Akron
King, Glenn Royal	Greentown	Rosenfeld, Hannah	Akron
Kinley, Dorothy Nelita	Akron	Russell, Elizabeth Miriam	Akron
Kramer, Marguerite Lucille	Akron	Schaeffer, Marian Betsy	Akron
Kregenow, Mignonette C.	Richfield	Schiller, Florence Jeannetta	Akron
Larmon, Marion Garnett	Akron	Schultz, Rosalind Pearl	Cuyahoga Falls
Lattimore, Bernice Josephine	Akron	Schwartz, Celia Helen	Cuyahoga Falls
Laudenbach, Elizabeth Adele	Dramond	Schwartz, Irene Lillian	Akron
Laughlin, Carlisle Osburn	Akron	Sherwood, Coral Gwendolyn	Akron
McAuliffe, Mary M.	Akron	Simpson, Norris	Kenmore
Mahoney, Elizabeth	Akron	Slevin, Edith Hazel	Akron
Master, Annie Lee	Akron	Smith, Mercedith Mae	Akron
Masterson, Neva Adelaide	Sayre	Smith, Sylvia H.	Akron
Mitchella, Marian Elsie	Akron	Snyder, Margaret Emma	Akron
Morris, Evelyn Bell	Lisbon	Souers, Gene	Akron
Moye, Donovan Alto	Akron	Stahl, Katheryne Mary	Kenmore
Nathanson, Albert	Akron	Stedman, Virginia Martha	Akron
Neal, Virginia Root	Akron	Trommer, Ruth Marie	Akron
Newhall, Helen Mae	Akron	Wagner, Lawton Robert	Akron
Palmer, Ellen Frances	Akron	Walsh, Marian Margaret	Akron
Pearce, Verena Queen	Akron	Walter, Merrill Elmer	Canton
Peterson, Florence Harriet	Akron	Waugh, Aldene Nina	Akron
Petley, Harriet Louise	Kenmore	Wells, Arland	Akron
Pfomm, Bernadyne Margaret	Akron	Werner, Mary Elizabeth	Akron
Pickton, Jeanne Leone	Akron	Wharton, Kathryn Elizabeth	Akron
Pollak, Morris	Akron	Wise, Raymond Shirey	Akron

Men 20; Women 98; Total 118

IRREGULAR STUDENTS

Barnes, Ethel G.	Canton	Hartman, Zenas Lee	Akron
Chapman, Herman	Akron	Jones, Theodore Samuel	Akron
Culbertson, Vera Purkey	Bloomdale	Myers, Edward C.	Akron
Daitch, Harry Jack	Akron	Quillen, Juanita Marion	Akron
Dean, Myrtle E.	Akron	Schoen, Florence Everile	Akron
Dittemore, James A., Jr.	Akron	Sloop, Harold	Akron
Dyke, Marjorie Ella	Akron	Ulmer, Mrs. Amy	Akron
Hall, Gwendolen R.	Akron	Wolfe, Erdie	Akron

Men 7; Women 9; Total 16

SPECIAL STUDENTS

Bunten, Clarence H.	Akron	Montgomery, Edwin A.	Akron
Callan, Jay	Akron	Moss, Mary Shaw	Akron
Frye, Paul Leroy	Akron	Ryan, Margaret Mary	Akron
Giroux, Henri Alfred	Akron	Schapiro, Mrs. Paula	Wadsworth
Hagen, Ethel Hall	Akron	Smith, Blanche Flaherty	New Oxford, Pa.
Hench, Gale Kenneth	Akron	Tobin, John W.	Akron
McTammany, Marion Elizabeth	Akron	Wise, Eleanor	Akron
Mason, Ada	Grafton, W. Va.	Woodward, Lena May	Medina

Men 7; Women 9; Total 16

SUMMARY OF STUDENTS IN DAY CLASSES

BUCHTEL COLLEGE OF LIBERAL ARTS

	Men	Women	Total
Graduate Students -----	4	4	8
Seniors -----	47	29	76
Juniors -----	67	28	95
Sophomores -----	74	33	107
Freshmen -----	127	73	200
Irregular Students -----	19	5	24
Special Students -----	9	6	15
	<hr/>	<hr/>	<hr/>
	347	178	525

CURTIS SCHOOL OF HOME ECONOMICS

	Women	Total
Seniors -----	5	5
Juniors -----	6	6
Sophomores -----	5	5
Freshmen -----	5	5
Irregular Students -----	5	5
	<hr/>	<hr/>
	26	26

COLLEGE OF ENGINEERING AND COMMERCE

	Men	Women	Total
Graduate Students -----	1		1
Seniors -----	20	1	21
Juniors -----	34	1	35
Pre-Juniors -----	47	1	48
Sophomores -----	110	1	111
Freshmen -----	112	12	124
Irregular Students -----	1		1
Special Students -----	14		14
	<hr/>	<hr/>	<hr/>
	339	16	355

THE TEACHERS COLLEGE

	Men	Women	Total
Graduate Students -----	5	10	15
Seniors -----	7	40	47
Juniors -----	9	36	45
Sophomores -----	11	73	84
Freshmen -----	20	98	118
Irregular Students -----	7	9	16
Special Students -----	7	9	16
	<hr/>	<hr/>	<hr/>
	66	275	341

THE EVENING SESSION

Abell, Wilbur
 Achberger, George
 Ackley, Stanley
 Adams, James
 Adams, Donald
 Adams, Jennie
 Adams, Virginia L.
 Adamson, La Vaughn
 Adelman, Dorothy
 Adrion, William George
 Airhart, Elizabeth
 Albright, Archie
 Alexander, Wm. Robert
 Alden, Henry
 Allen, Margaret J.
 Allen, Gertrude
 Allen, Thelma
 Allman, Lillian
 Ambrose, Quentin T.
 Anderson, Linnea
 Alspach, Ivan
 Anderson, O. M.
 Andrew, Robert
 Andrus, Kathryn
 Apel, Sara
 Archer, Herhert
 Arkebauer, George
 Armacost, Mildred
 Armacost, Kathryn
 Armstrong, Mary
 Ash, Walter B.
 Atkinson, Edgar
 Atwood, Mrs. Doris
 Auker, L. J.
 Ault, Bessie R.
 Ault, Mrs. Eva
 Ault, Honor
 Auten, Emery
 Averell, Marjorie
 Avery, Ruth Alice
 Bachtel, Clayton
 Bachtel, Kenneth
 Baer, Chas.
 Baer, Kalman
 Bailey, Catherine
 Bailey, Walter
 Bair, Lawrence
 Baker, Alice
 Baldwin, Cecile
 Ball, Martha
 Ballard, Florence
 Ballere, Richard
 Ballhausen, Joseph
 Ballinger, Victor
 Bankes, Byron A.
 Barbee, John E.
 Barber, Dorothea
 Barber, Ethelyn
 Barber, Esther
 Barber, Harold
 Barclay, Jack
 Barder, Betty
 Barger, Pauline
 Barger, Russell
 Barker, Clara
 Barker, Clifford J.
 Barnes, Foster
 Barnes, F. Lorena
 Barnes, Mabel A.
 Barnhardt, Jane S.
 Barnhardt, Richard S.
 Barnhardt, Mrs. Hanna
 Barr, Mrs. Alice
 Barrett, Lois
 Barrick, Angeline
 Barth, Edwin E.
 Bastian, Alvin
 Bastian, E. Raymond
 Batchelor, Mrs. Grace
 Bauer, Catherine
 Baughin, Maude
 Baughman, Doris
 Baumert, Paul
 Baumgardner, Irene
 Baylor, Inez L.
 Bear, Phillip
 Bean, Harold
 Beaver, Edna R.
 Bechtol, Paul S.
 Beck, Mary
 Becker, Harold D.
 Beckett, William D.
 Beese, Clyde
 Bell, Roscoe
 Bender, J. E.
 Bender, Ray T.
 Benc, Mary
 Bennett, Leonard
 Bennett, Raymond B.
 Berg, Chas.
 Berger, June
 Berry, Louis
 Berry, James A.
 Bettler, Bertha
 Bevington, Royal
 Bey, Albert P.
 Beyer, Forrest
 Beymer, Clark C.
 Bickford, Glenn E.
 Biddle, S. Marie
 Bilbrough, Robert E.
 Billeter, Jessie
 Billings, Samuel L.
 Birch, H. A.
 Bishop, Mrs. Paul B.
 Bishop, Ruth
 Bissell, Neil H.
 Bitter, Esther
 Bitter, Raymond
 Bittles, Ray T.
 Black, Ethel M.
 Black, Harold E.
 Blackburn, Melvin
 Blair, Alice V.
 Blair, Paul C.
 Blake, Hazel M.
 Blanc, Zella M.
 Blank, Ruth E.
 Blank, William
 Blanquart, Gilbert V.
 Blasitz, Mike
 Blattner, Charles
 Bliss, Raymond
 Blizzard, Florence
 Blount, Henry
 Blount, Kenneth M.
 Blount, Talli S.
 Blundell, Charles R.
 Boback, Katherine
 Boedecker, Howard
 Boehm, Carolin M.
 Boehm, Frances L.
 Boehringer, C. W.
 Boettler, Harriet
 Bolanz, Margaret
 Bolick, Catherine
 Bolinger, Blanche
 Bonnell, Agnes Mae
 Boots, Glenn
 Bordner, Ada
 Bordner, Paul W.
 Bosomworth, George
 Boulboulle, Joseph E.
 Boulboulle, William J.
 Bourquin, Lela L.
 Bowen, Achsah May
 Bowen, Allan D.
 Bowen, Bertha G.
 Bowman, Elenore M.
 Bowman, Mary H.
 Bowser, Chester L.
 Boylan, Lucille
 Bradshaw, Jessie M.
 Brady, Edwin T.
 Bragg, Daniel T.
 Brainard, Eva
 Braley, Eloise York
 Brandt, Harry Arthur
 Brean, Joseph
 Breiner, Edward R.
 Brenfleck, Elvira S.
 Brenner, Vernon
 Brewer, Wm.
 Brewster, A. J., Jr.
 Brewster, Charlotte
 Brewster, Evan B.
 Bricker, Frances B.
 Bridgwater, Boyd
 Briner, Glenn M.
 Brinkerhoff, Augusta
 Brodt, Helen Marie
 Brown, Adaline G.
 Brown, Bertha
 Brown, Hubert K.
 Brown, Mrs. Mary M.
 Brown, Russell L.
 Brownless, Leonard C.
 Brubaker, Irene
 Brumbaugh, Samuel
 Bruney, William E.
 Bryner, Walter L.
 Bucher, Elaine D.
 Bucklin, Isabel
 Buckmaster, Charles
 Buckoehr, Fred J.
 Bucy, Dale
 Budd, Christopher T.
 BuDahn, Grace E.
 Buffington, Gerald E.
 Bunnell, John
 Burch, Howard
 Burdick, Percy LaMont
 Burge, Dorothy A.
 Burge, Gladys
 Burgner, Mrs. Hazel
 Burgoon, Alben James
 Burke, Russell
 Burr, Irma
 Burrell, E. Shirley
 Butcher, C. E.
 Butterton, Maud
 Butzer, Esther A.
 Cable, Rena
 Caldwell, Emma
 Callahan, Thomas F.
 Callow, Harriet T.
 Calnon, Irene
 Cambre, Elizabeth H.
 Camp, Glenn
 Campbell, James M.
 Campbell, Wm. D.
 Campbell, Florence
 Caplan, Lozier
 Capps, Mrs. Amy A.
 Cardarelli, Jennie
 Carey, Robert R.
 Carleton, Clayton
 Carr, Robert G.

Carroll, Martin J.
 Carson, Olive G.
 Carter, Charles I.
 Carter, Mildred L.
 Cave Elizabeth
 Caves, Earl L.
 Caves, Verna J.
 Cervenka, Edith
 Chambers, Harry L.
 Chelovitz, Milos
 Chisnell, Elmer
 Christensen, Alma L.
 Cibula, Albert B.
 Cimperman, Mary
 Clark, Clifford S.
 Clark, Lillian M.
 Clark, Merle A.
 Clark, N. P.
 Clark, Oscar J.
 Claudy, Jessae T.
 Clemenson, E. M.
 Cline, Marie
 Cline, Maurice Armstrong
 Cloyd, Ida Ellen
 Coates, Gladys
 Coburn, Roscoe M.
 Cochran, James D.
 Cochran, Virginia
 Cockran, James M.
 Coe, Maurice W.
 Cohen, Bernice R.
 Cole, Floyd M.
 Cole, Lytle W.
 Collier, Vynita B.
 Compton, David
 Compton, Martha E.
 Conkle, Marion
 Conklin, Mattie V.
 Conley, Allie H.
 Conley, Dorothy
 Conley, James
 Connell, Ruth
 Connelly, Chas. E.
 Cooper, Lois G.
 Cooper, Robert W.
 Corbett, Evelyn D.
 Corbett, Elizabeth
 Corl, Ralph B.
 Corns, William R.
 Costello, Kathryn
 Coudriet, J. Earle
 Coulter, Martin H.
 Cowdrey, D. M.
 Cox, H. Theodore
 Cramer, Edna B.
 Crankshaw, Harold G.
 Crano, John
 Crano, Rose
 Cranz, Dorothy L.
 Crawford, M. Lee
 Crawford, Park
 Crecelius, Ross E.
 Cregan, Regis M.
 Creighton, Olin
 Creswell, E. Percy
 Crews, Violet A.
 Cromley, Russell F.
 Crosby, Ralph R.
 Crosby, Thelma
 Crow, Ruth
 Croysdale, Arthur
 Cruikshank, Donald M.
 Crum, Allen
 Crummel, Lula M.
 Cubbison, Marcus F.
 Cuckler, Arthur P.
 Cuckler, Orville
 Culbertson, Vera P.
 Culp, S. Vernon
 Culver, Glen B.
 Cunningham, Lillian
 Cunningham, Mary S.
 Curfman, Bessie Fay
 Curley, Joseph F.
 Curnow, Harry T.
 Curry, Mildred
 Curtis, Mary
 Cutler, Thomas E.
 Daily, Ray T.
 Dallas, Frank
 Damerow, Richard T.
 Danforth, Florence
 Daniell, John H.
 Darling, Catherine P.
 Darst, Byron
 Davies, John G.
 Davis, Donald
 Davis, Esther R.
 Davis, Hazel B.
 Davis, Hazel Kirke
 Davis, Margaret A.
 Davison, Charles R.
 Davison, Harold
 Dawes, Forrest
 Dawson, Ruth F.
 Day, Gertrude E.
 Deck, Frances M.
 Decker, Ellsworth
 Decker, Margaret
 Deernig Bessie G.
 Delagrange, John J.
 DeLaney, Edith
 DeLine, Helen
 Denning, Eugene
 Derer, Gustav
 Desett, Ernest
 Dettling, Dorothy
 Dewdney, Harry S.
 Dewey, Harry
 DeVog, Geraldine
 Dibble, Leon C.
 Dice, Wm. M., Jr.
 Dickas, Kathryn E.
 Dickertoff, Galen O.
 Dienoff, Philip
 Dillehay, Albert J.
 Diller, Goldie M.
 Dilworth, Donald R.
 Disler, Donald A.
 Dittmore, James, Sr.
 Ditto, Jos. M.
 Dixon, Mayme B.
 Dobbs, Catherine R.
 Dodge, Howard M.
 Dolan, Anna
 Donathen, Harry M.
 Dorman, Mary L.
 Dorman, May
 Dorn, Ruth
 Dougherty, Agnes T.
 Douglas, D. D.
 Doutt, H. H.
 Dowman, William S.
 Drake, Lena M.
 Drope, Magadalene
 Dudley, Duane O.
 Duen, Lena S.
 Duffy, Elizabeth W.
 Duffy, Robert Edward
 Dugan, W. F.
 Dusz, Howard A.
 Dyke, Minor B.
 Dyke, Thelma
 Eagleson, Craig Taggart
 Easterday, Hazel V.
 Ebaugh, Beckie S.
 Eberts, Edna J.
 Eckel, Meta Dorothy
 Eckert, H. O.
 Edwards, Mayme
 Ehrhardt, Florence
 Ehrisman, Henry O.
 Eicher, Russell E.
 Ellet, Burliss M.
 Elliott, Reed LeRoy
 Elliott, Sara E.
 Ellis, Catherine
 Engstrom, Esther Marie
 Engstrom, Ruth Isabel
 Epler, Frances
 Erspringer, Marguerite
 Ervin, Lillian Gertrude
 Ervin, Berchal
 Espinosa, Manuel J.
 Eubank, John P.
 Evans, Charles A.
 Evans, Doris M.
 Evans, Raymond
 Everett, Florence J.
 Faber, Lillie Mae
 Fackler, Eunice
 Fagan, Dorothy T.
 Fairbanks, Edna
 Fairbanks, Helen A.
 Falor, George
 Fankbonner, Doris K.
 Farabaugh, Margaret Marie
 Fargo, Louise C.
 Farnsworth, Helen B.
 Farver, Ethel
 Fasoldt, Milton L.
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Traverso, Josephine	Welter, Margaret A.	Woodell, Florence
Trautwein, Helen S.	Welty, Frances	Woodward, Lena
Trenner, Anna R.	Wentland, Clarence A.	Woodward, Robert
Trenner, J. Ruth	Werner, Mary E.	Woody, Hazel Idella
Trew, Bessie Duff	Weston, Dorothy Elizabeth	Workman, Lucille K.
Troesch, Mrs. Helen	Weston, Gertrude	Worrell, Mayme
Trump, La Vonne E.	Wheeler, James B.	Worrell, Virginia Mae
Truby, L. Carl	Wheeler, William Charles	Wright, Helen Edith
Truscott, Elizabeth	Whillock, Wm. R.	Wright, Louise Jenness
Trusler, Clarence L.	Whims, Lloyd	Wuchter, Henry Edwin
Turner, Richard	White, Dorothy	Wyre, Louis C.
Ufford, Charles William	Whiteman, Frank A.	Wykoff, Clarence H.
Ulrich, Louis C., Jr.	Whiteman, Henry	Wymmer, Willard A.
Usher, George	Whyler, Frank	Yahl, Margaret W.
Vance, Otto K.	Wiedinger, Arthur John	Yochem, Dott
VanDusen, Frank D.	Wightman, Lester C.	Yost, Elizabeth Jane
Vaughan, Jean Chester	Wilcox, Irma D.	Young, Florence E.
Vaught, Leah Ada	Wiles, Bernice	Zahniser, Kenneth
Vincent, Clarence	Williams, Arthur F.	Zahniser, R. E.
Vinent, Tracy	Williams, Byrdie	Zeh, Paul
Voige, Alfred M.	Williams, Catherine	Zeis, Mrs. Mary
Voige, Mary M.	Williams, Clarence R.	Zepp, Florence E.
Volk, Marie Agnes	Williams, Edward W.	Zepp, Marguerite Elizabeth
Vogelbeer, Emil	Williams, Frances	Zerbe, Paul B.
Wachter, Rose	Williams, Frank M.	Zickefoose, Cecil H.
Waddell, Howard G.	Williams, Glenn Allen	Zimarik, Mrs. Elizabeth
Wade, Ina L.	Williams, Loretta A.	Zimmerman, August John
Wagner, Ethel B.	Williams, Norma F.	Zimmerman, Paul H.
Wagner, Julia B.	Williams, Ralph	Zinninger, Alma Marie
Walcott, Fannie	Williams, Vivian	Zintel, Louise
Wallace, Lloyd S.	Williams, Wilbur	Zitnik, Frank C.
Walkup, A. Louise	Willis, Frank	Zoltomsky, Mary V.
Wall, Glen B.	Willmott, Leo Joseph	Zook, David B.
Wall, Margaret K.		

Men 860; Women 725; Total 1585

1927 SUMMER SESSION

Adams, Jennie Hanson
 Adamson, Lucile R.
 Ahern, Rose Louise
 Albright, Georgia
 Aldridge, Agnes
 Aldridge, Florence
 Alexander, Maude Mae
 Allen, Isabelle F.
 Allen, Margaret
 Allen, Willard
 Alpeter, James
 Alpeter, Katharine
 Andrus, George S., Jr.
 Andrus, Kathryn M.
 Archer, Hester South
 Ashburn, Glenn
 Ashburn, Mrs. Mildred
 Aspell, Marion
 Auten, Ralph W.
 Avery, Ruth Alice
 Ballard, P. J.
 Barber, Alta M.
 Barber, Dorothea
 Barber, Emma Fern
 Barnes, Ethel
 Barnes, Lorena Ethel
 Barnhardt, Jane S.
 Barnhart, Hanna Bloom
 Baughman, Grant
 Bean, Gladys Elizabeth
 Beck, Mary K.
 Beckwith, Katharine Virginia
 Behling, Grace A.
 Bell, Carol M.
 Bell, Ruth
 Belohlavek, Vlasta Marie
 Bendell, Helene
 Berger, June
 Bernard, Evelyn
 Billeter, Jessie O.
 Binet, Olga
 Birch, Harry A.
 Blackburn, Helen
 Bliss, Raymond
 Blumenstein, Rose
 Bolanz, Margaret
 Bolich, Catharine E.
 Bordner, Paul William
 Bourquin, Clay Joseph
 Boyd, Helen
 Boylan, A. Lucile
 Brenfleck, Mrs. Elvira S.
 Briner, Mrs. May Wood
 Broadhurst, Amy F.
 Brown, Don A.
 Brown, Lucylle L.
 Brown, Roy E.
 Brown, Ruth
 Burgess, Bernadette
 Butterworth, Mary Elizabeth
 Buys, Marjorie Anne
 Campbell, J. M.
 Carey, Gertrude
 Carillon, Mrs. Vesta
 Carleton, Clayton H.
 Carlson, Agnes
 Chapman, Taft
 Chenot, Bertha
 Clapper, D. W.
 Claypoole, Clinton
 Cobb, Helen Aileen
 Cochran, Harold
 Conklin, Mattie V.
 Cooper, Lois Genevieve
 Corbett, Evelyn Doris
 Corl, Helen Marie
 Corman, Irvin S.
 Cramer, Edna B.
 Cramer, Helen Florence
 Crankshaw, Ruth Ella
 Crecelius, Ross E.
 Croft, Nellie E.
 Curry, Mildred
 Davis, Hazel Belle
 Davis, Hazel Kirke
 DeLine, Helen
 Dettling, Dorothy M.
 Dettling, Elizabeth
 Dibble, Virginia
 Dickas, Kathryn Evelyn
 Dieckman, Florence S.
 Diehl, Lottie N.
 Dittemore, James A.
 Dorn, Ruth
 Dougherty, Margaret
 Dyer, Ida
 Dyson, Phyllis W.
 Eckrode, Ellis C.
 Eckroad, Frank E.
 Ecrement, Lloyd L.
 Edwards, Mayme
 Egington, Mrs. Elizabeth C.
 Elliott, Sara E.
 Ellis, G. Sheldon
 Erspringer, Marguerite
 Ervin, Berchal
 Esgate, Jean Virginia
 Fairbanks, Helen A.
 Fassnacht, Edward A.
 Feather, Elizabeth
 Fetter, E. Marian
 Fetter, I. Mary
 Fiers, Norma Pearl
 Fifer, Madeline A.
 Fisher, Nellie D.
 Fleming, Russell William
 Flickinger, Ethel L.
 Flint, Eldora
 Franklin, Josephine
 Frase, Mabel
 Fraser, Edith
 Freedman, Ann
 Fuller, Mary
 Galehouse, George
 Galloway, John T.
 Galloway, Marie J.
 Garvin, Lucy Ellen
 George, Mrs. Blanche
 Gerber, Albert J.
 Gilbride, Rose M.
 Gilham, Clarence Taft
 Giroux, Henri A.
 Glass, Wilma Pauline
 Gluck, Jeannette Hansen
 Grable, Lloyd
 Grafton, Elizabeth M.
 Graham, Washington George
 Grubb, Josephine
 Gruber, Eunice A.
 Hackett, Elizabeth Ellen
 Hadley, Lucy
 Haefele, Pluma Verne
 Hahn, Agnes E.
 Haines, Lloyd
 Hall, Marion Neuzil
 Hallenbeck, Mrs. Charles A.
 Hamlen, Dorothy
 Hanff, Earl Edward
 Harford, Margaret A.
 Harper, Robert H.
 Harris, Freda Mae
 Hartenstein, Archer J.
 Hauck, Laura North
 Hayes, Leroy
 Hedlund, Margaret K.
 Heffelman, Mrs. Verna
 Henry, Mrs. Minnie P.
 Henry, Pauline Marie
 Herman, Claude Paul
 Herman, Edward
 Herrick, Earl V.
 Heskett, Emma Jean
 Heskett, Katharine E.
 Hill, Charles J.
 Hill, Clarence F.
 Hill, Florence E.
 Hill, Italia Elizabeth
 Hill, Marjorie
 Hillen, John Anthony
 Hindman, Mabel
 Hoffman, David
 Hoffman, Thelma
 Hollingsworth, Frances M.
 Holub, Miriam Audrey
 Horst, Harriet Eleanor
 Houglan, Allene
 Householder, Bess
 Inches, Eleanor
 Ingersoll, Betty
 Ion, Grace E.
 Irwin, Edna Margaret
 James, Veryl G.
 Jehle, Mimi Ida
 Jenkins, Esther D.
 Jenkins, John M.
 Jennings, Dorothy S.
 Jeppesen, Helen Louise
 Joachim, Lucile C.
 Joel, William A.
 Johnson, Mrs. Gladys Miller
 Johnson, Joseph
 Johnson, Mrs. Margaret
 Johnson, Ruth
 Jones, Cyril
 Justice, Audrey B.
 Justice, Erma B.
 Karnes, Lucille
 Kean, Steward R.
 Kearns, Patience B.
 Keck, Olive
 Keep, Haskell Harold
 Keifer, Ruth
 Keirn, Winifred
 Kelly, Hannah A.
 Kendeigh, Mabel
 Kennedy, K. J.
 Kepple, Helen
 Kincaid, Mrs. Pansy Staley
 Kirk, George B.
 Kirn, Walter N.
 Kittredge, Mrs. Lois
 Kleckner, Marion B.
 Klinker, Enid Grace
 Koegel, Louise
 Koester, Lillian
 Koester, Marie
 Koontz, Marion Grace
 Kraatz, Mrs. Walter C.
 Krager, Lillian G.
 Krohngold, R. Cyril
 Kuehne, Elsie Ellen
 Kunkel, Goldo
 Lang, Pauline
 Lebo, C. P.
 Lebold, Ellen
 Leeper, Laura
 Lehman, Lillian D.
 Leigh, Ralph Hugh

Leigh, Virginia Garn
 Leonard, Dean Russell
 Lewis, Lois Samples
 Liberman, Bessie
 Libis, Robert L.
 Liedholm, Gustaf
 Loeber, William G.
 Lord, Robert Paul
 Lower, Daisy F.
 Lowery, Matilde
 Lynn, Ruby F.
 McAdoo, Don Paul
 McCormick, Beatrice Lillian
 McCormick, Mary E.
 McDonald, Rose Elle .
 McDowell, John P.
 McFarlin, Edna
 McKibben, Helen Elizabeth
 McLaney, Loudell
 McLaney, Sara Mae
 McNamee, Roy W.
 McVean, Etta M.
 Mahoney, John
 Mann, Ardath Mildred
 Manziona, Anna Bernice
 Marks, Eunice Olga
 Marshall, Mrs. W. H.
 Maxwell, Iona Fay
 Mayhew, Clarkson
 Mazey, Mrs. Alleyne
 Medvin, Jeannette
 Meier, Helen
 Melander, Amanda
 Meriam, Ruth
 Merryweather, Gerald
 Miller, Dorothea F.
 Miller, Marie Elizabeth
 Miller, Nellie
 Mills, Howard Jones
 Moore, Alice F.
 Moore, Lena
 Moore, Maude Eunice
 Moore, Nannie Washington
 Moorehead, Alta T.
 Moran, Mary A.
 Morris, Evelyn Bell
 Morris, Vera I.
 Morrison, Janet
 Morrison, Marjorie M.
 Motmiller, Neva Doris
 Newberry, Mrs. Helen
 Nye, Helen
 Olivo, Dominic
 Olmstead, Bernice
 Olson, Mabelle
 Oplinger, W. Clyde
 Ormeroid, Moulton
 Otto, Russell J.
 Parker, Anna F.
 Parker, Harriet J.
 Parker, Marilla
 Peacock, Kathryn Ellen
 Pearson, Gladys
 Pease, Mrs. Ruth
 Pees, Mahala Jane
 Perrill, Madge L.
 Pfaff, Rhea G.
 Philbin, John
 Plane, Mary
 Pleasants, Elizabeth
 Porter, Florence C.
 Potschner, Stella
 Pryor, Isabell
 Purdy, Pauline H.
 Putnam, Mrs. Grace Miller
 Quillen, Marion Juanita
 Rainey, Carrell Irvin
 Reece, Jane
 Reed, Edith Harriet
 Reed, Margaret Lyle
 Reichenstein, Selma B.
 Replogle, W. B.
 Roberts, Pauline
 Robinson, Margaret
 Roetzel, Ruth L.
 Romweber, B. Robert
 Rosenfeld, Hannah
 Ross, Alice I.
 Ross, Clyde Emery
 Roush, Marian
 Rowe, Ruth Mildred
 Ruth, Mrs. Estelle F.
 Rutkofsky, Agnes
 Ruttman, Walter
 Ryan, Margaret M.
 Ryan, Raymond
 Saurborne, George
 Schaenzlin, Ruth E.
 Schiller, Mareta G.
 Schlitt, Freda E.
 Schroy, Wilda E.
 Schutz, Emil
 Schwary, Grace
 Schwersberger, Harold C.
 Schwem, Mabel H.
 Sellers, Conrad David
 Sellers, Hazel B.
 Seymour, Ruth W.
 Shafer, H. Alice
 Shaffer, Marie Beulah
 Shields, Edith
 Short, Cheryl
 Shrigley, Mynette
 Shugert, Helen
 Shugert, Kathryn
 Sigler, Mrs. Grace F.
 Singer, Beatrice E.
 Smith, Edward Leland
 Smith, Harry A.
 Smith, Mattie Mae
 Sneddon, Walter
 Snyder, Virginia G.
 Somerfeldt, Myrtle M.
 Sperry, Helen A.
 Stanley, Sarah
 Stansberry, Callie
 Stebbins, Mildred E.
 Steckhan, Charlotte E.
 Steere, Dwight Moody
 Stevenson, Harold R.
 Stiles, Marjorie
 Stinchcomb, Mrs. Elizabeth
 Jones
 Stuver, Bernice I.
 Sullivan, Ellen F.
 Sullivan, Nora
 Summer, Beulah M.
 Swainhart, Vida
 Switzer, Charles C.
 Tapper, Rose
 Terrass, Milford E.
 Tewksbury, Grace
 Thomas, Esmond
 Thompson, Mabel A.
 Thompson, Rufus Lee
 Tobin, Katherine
 Train, Grace
 Trainer, Grace M.
 Trainor, Mrs. Laura Parrish
 Traul, Donald
 Troesch, Mrs. Helen
 Tschantz, Helen Pauline
 VanHorn, Pluma Ruth
 Vining, Mrs. H. Mae
 Vredenburg, Verena E.
 Wachter, Rose
 Walker, Achsah A.
 Walston, Oneta M.
 Walter, Mabel E.
 Walter, Merrill Elmer
 Wassmer, Elsie A.
 Webb, V. M.
 Weiler, William D.
 Wells, Kenneth
 White, Thomas G.
 White, Dorothy Mae
 Whittemore, Robert C.
 Wilhelm, Edith E.
 Wilhelm, Henrietta
 Williams, Frances E.
 Wilson, Ethel L.
 Wilson, Gladys
 Wilson, Howard Martin
 Williams, Luella F.
 Wine, Rose
 Wiper, Mary A.
 Wise, Mabel
 Witzeman, B. Evangeline
 Wolfe, Lillian
 Wolfe, R. Erdie
 Wooddell, R. Florence
 Woolliscroft, Arthur
 Worcester, Margaret F.
 Worrell, Virginia Mae
 Wright, Mary Virginia
 Yonally, E. Catherine
 Yost, Claire B.
 Zeis, Mary
 Zickefoose, Cecil H.
 Zimmerman, Carl
 Students enrolled in the 1927
 Summer Session of the Col-
 lege of Engineering and
 Commerce not counted in the
 1926-27 enrollment:
 Harry CohenAkron
 Leland V. FisherAkron
 Michael M. Konarski..Akron
 William G. Patterson..Akron
 Total, 4 Men

Men 115; Women 305; Total 420

SUMMARY OF ALL STUDENTS IN THE UNIVERSITY

	Men	Women	Total
Graduate Students -----	10	14	24
Seniors -----	74	75	149
Juniors -----	110	71	181
Pre-Juniors -----	47	1	48
Sophomores -----	195	112	307
Freshmen -----	259	188	447
Irregular Students -----	27	19	46
Special Students -----	30	15	45
	<hr/>		
Total in Day Sessions -----	752	495	1247
Total in Evening Session -----	860	725	1585
Total in Summer Session (1927) -----	119	305	424
			<hr/>
			2009
			<hr/>
Total enrollment -----			3256
Less duplicated names -----			327
			<hr/>
Total net enrollment -----			2929
Total net enrollment, reduced to full-time student basis, evaluating five part-time (evening and summer) students as equiva- lent to one full-time student -----			1648

DEGREES CONFERRED JUNE 14, 1927

BUCHTEL COLLEGE OF LIBERAL
ARTS

BACHELOR OF ARTS

Honor Myers AultAkron
 Homer Livingston Barbian.....Sharon, Pa.
 Thelma Lillian Barnholth.....Akron
 Lois Bernadine Barrett.....Akron
 George A. BossAkron
 Carl Ellsworth Boyer.....Akron
 John Franklin BrubakerAkron
 John Harold CampbellAkron
 Grace ColcloughAkron
 Perry Thurston DemmingAkron
 Eugene Benjamin DenningAkron
 Naomi Ruth EpsteinAkron
 Adrian FrenchAkron
 Norman Curtis GreshamAkron
 Paul James HackettAkron
 *James Melbourne HintonAkron
 Mildred Almira HoffmanAkron
 Ethel Susan KlahreAkron
 Helen Jane MeierAkron
 Fred MooreAkron
 Forrest Donald MyersAkron
 Alberta NicodemusAkron
 Oneita PorterfieldAkron
 Margaret ReedAkron
 Sherman O. SchumacherEast Akron
 Dorothy Julia ShreveAkron
 Elmer E. SmeadAkron
 Emma Catherine SpikerAkron
 Thomas Laing StevensAkron
 Ruth SupowitAkron
 Milford Edwin TerrassAkron
 Adrian Daniel TheobaldAkron
 Julius George UnionAkron
 James Boyd WheelerAkron

BACHELOR OF SCIENCE

L. Gertrude AbersoldAkron
 Harvey A. KaramAkron
 Ruth Edna KoonsGreensburg
 Thelma Phyllis LitsingerAkron
 William Joseph PittengerAkron
 Louis SheininAkron
 Wayne Treber SproullAkron
 Donald Andrew WagstaffAkron

MASTER OF SCIENCE

Frederick Lewis Kilbourn, Jr.
Mt. Vernon, N. Y.

CURTIS SCHOOL OF HOME
ECONOMICSBACHELOR OF SCIENCE IN HOME
ECONOMICS

Grace Converse BlakeAkron
 Helen EverhartAkron
 Wilma Pauline GlassAkron
 Mabel HindmanAkron
 Frances Elizabeth SwanAkron

COLLEGE OF ENGINEERING
AND COMMERCE

CIVIL ENGINEER

John Bethel ArterTwinsburg
 Donald Leon DamonGerry, N. Y.
 James William FunkAkron
 William M. GuillodCanton
 Wayne William LuffKent
 Thomas Henry Sauter.....Williamsport, Pa.
 Leroy Leland Schmucker.....Stryker

ELECTRICAL ENGINEER

Kenneth E. Burgan.....Cuyahoga Falls
 Lee Jay ShafferAkron
 Ralph Clinton TryonAkron
 Samuel Keith WorthenBarberton

MECHANICAL ENGINEER

Clare Witner BattelsAkron
 Ralph John BrownAkron
 Theodore F. RockwellAkron
 Henry Herbert WhitemanAkron

BACHELOR OF SCIENCE IN
COMMERCE AND ADMINISTRATION

Richard Ezekiel DaschAkron
 Mildred Cecile RussellAkron
 Earl Daily TriplettAkron
 Raymond B. WilkinsonAkron

TEACHERS COLLEGE
BACHELOR OF EDUCATION

Jane M. AmosAkron
 Dorothy Louise BarrettAkron
 Jessie Pearl BriggsAkron
 Carl Thomas BrittonAkron
 Gertrude Snow CarsonAkron
 Gladys Estella Chamberlain.....Cuya. Falls
 Helen Evelyn ChenotAkron

*In Combination Arts-Law Course with the Ohio State University.

Ruth Margaret Conway	Akron	Dorothea M. Derrig	Akron
Lois Genevieve Cooper	Akron	Daisy Melvin Kuhnes	Akron
Roy Thomas Daily	Greentown	Frank B. Miller.....	Indianapolis, Ind.
Albert J. Dillehay	Akron	Mary Elizabeth Myers	Akron
Frances Alfreda Eastman	Akron	Russell Lowell Packard.....	Cuyahoga Falls
Alice May Frase.....	Clinton	Burgett Everett Yeo	Ravenna
Edith Mary Fraser	Akron		
Dorris Fisher Hartwick.....	Cuyahoga Falls		
Nathan Emery Hodges	Akron		
Edna Rebecca Hunsicker	Akron		
Vivian Lebold	Akron		
Grace Eleanor Lybarger	Akron		
Edith Lucile Master	Akron		
Jeanette Medvin	Akron		
Jeanette Clara Mendelson	Akron		
Grace Arline Milford	Akron		
Irene Minter	Akron		
Elnora E. Moore	Akron		
Selma Barber Reichenstein	Akron		
Lawrence Daniel Ricker	Akron		
Frances Olga Rothschild	Akron		
Mary Ida Sarlson	Akron		
John B. Scott	Akron		
Frank Bernard Seiler	Akron		
Jean Philip Smith	Akron		
Ethel Burdelle Wagner	Akron		
Madge Mary Whigam	Akron		
Mary Ellen Wilson	Akron		
Lillian Bramson Wolfe	Akron		
Sister Mary Beda Schmid, O. S. D.....	Akron		

MASTER OF ARTS IN EDUCATION

Arpad Bakay	Akron
Mabel Susannah Barber.....	Cuyahoga Falls
Cora Bockstahler	Akron
Caroline B. Kempel	Akron
Mildred Beall Marek	Akron
Sister M. Alexine, I. H. M.....	Akron
Sister Marie Eulalia, I. H. M.....	Akron
Sister M. Rosaline, I. H. M.....	Akron
Sister M. Hyacintha, I. H. M.....	Akron
Sister M. Louis Florent, I. H. M.....	Akron
Sister Mary Austin, I. H. M.....	Akron
Sister Mary Philip, I. H. M.....	Akron
Sister Mary Richard, I. H. M.....	Akron
Sister M. Rose de Lourdes, I. H. M.....	Akron
Sister M. Francis Edward, I. H. M.....	Akron
Nelson Smith Snyder	Canton
Margaret Anne Spanton	Akron
Norma Frost Williams	Akron

MASTER OF SCIENCE IN EDUCATION

John Martin Emde	Akron
------------------------	-------

MASTER OF EDUCATION

Karl H. Berns	Canton
Gustav Derer	Akron

The following students in The Teachers College were granted certificates during the year 1927:

TWO-YEAR ELEMENTARY

Jean Campbell
Helen Cooley
Helen Fairbanks
Sara Green
Helen Hancock
Florence Hill
Gladys Irvin
Edith Kendall
Foster McCoy
Helen Dunn Mercer
Marian Mills
Viola Parr
Estella Lewis Pierce
Louise Pierson
Margaret Scollard
Dorothy Schumacher Thompson
Helen Vollmer
Mary Wiper

THREE-YEAR ELEMENTARY

Almeda Baumgartner
Mary Beck
Rose Crano
Mayme Edwards
Marguerite Herman
Pauline Lind
Mrs. Emma D. Powers

COMMISSIONED AS SECOND LIEUTENANTS, OFFICERS' RESERVE CORPS

Donald S. Albertson, Infantry
David Bardsley Allen, Ordnance Department
Raymond E. Bitter, Infantry
Jesse L. Crankshaw, Infantry
Donald L. Damon, Infantry
Robert M. Decker, Infantry
Norman C. Gresham, Infantry
Charles E. Jenkins, Infantry
Raymond Nethers, Infantry
Charles I. Rhodenbaugh, Infantry
Clyde E. Ross, Infantry
J. Edward Schaefer, Infantry
Lee Jay Shaffer, Infantry

PRIZES AND HONORS

ASHTON PRIZES

Senior Ashton Prize Contest, December 17, 1926. First prize was awarded to Sherman O. Schumacher; second prize to Harold Miller.

Sophomore Ashton Prize Contest, May 13, 1927. First prize was awarded to Robert B. Romweber; second prize to Henry Reining.

Junior Ashton Prize Contest, June 3, 1927. First prize was awarded to Gerald Bauman; second prize to Benjamin H. Baldwin.

THE SENIOR ALUMNI PRIZE

The Senior Alumni Prize was awarded to Miss Ruth Supowit.

THE TOMLINSON PRIZES

No competition during the academic year 1926-1927.

THE ELIZABETH A. THOMPSON CUP

The winner of the Cup for 1926-27 was West High School.

THE JOHN R. BUCHEL CUP

The winner of the Cup for 1926-27 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, for 1926-1927 North High School.

PHI SIGMA ALPHA

The students elected to membership in the Phi Sigma Alpha Fraternity from the Senior Class of 1927 were Ruth Supowit, Wayne Sproull, Lois B. Barrett, Helen J. Meier, Forrest D. Myers, and Elmer E. Smead.

SIGMA PI EPSILON

The students elected to membership in Sigma Pi Epsilon from the class of 1927 in The Teachers College were Edith Lucile Master, Grace E. Lybarger and Ruth M. Conway.

SIGMA TAU

The students elected to membership in Sigma Tau from the Junior Class of the Department of Engineering were Paul Kenneth Baker, Kenneth Hamlen, Hamilton Tomb and Carl Viall.

HONORS COURSE STUDENTS IN THE CLASS OF 1927

Helen Jane Meier, in History; Thesis, "The Historical Development of the Theory of States' Rights in the United States, 1789-1865."

Forrest Donald Myers, in Economics; Thesis, "Coal."

Elmer E. Smead, in Political Science; Thesis, "The Freedom of the Seas."

Wayne Treber Sproull, in Physics; Thesis, "A Study of the Efficiency of a Copper-Constantan Thermocouple."

THE UNIVERSITY OF AKRON ALUMNI ASSOCIATION 1928 DIRECTORY

OFFICERS OF THE GENERAL ASSOCIATION

President-----J. Clarence Frank, '99 2nd V.-Pres.-----L. T. Barnette, '14
1st V.-Pres.-----Lucian L. King, '08 Treasurer-----William Knowlton, '21
Acting Alumni Secretary, Margaret Fanning, '25

EXECUTIVE COMMITTEE

C. R. Olin, '85; J. Clarence Frank, '99; Lucian L. King, '08; H. E. Simmons, '08; L. T. Barnette, '14; Margaret Fanning, '25.

ALUMNI BOARD OF TRUSTEES

Term Expires June, 1928	Term Expires June, 1929
Dr. A. A. Kohler, '87	Mrs. A. G. Partridge, '01
Hal Knight, '06	Mrs. S. A. Williamson, '08
Lucian L. King, '08	H. E. Simmons, '08
Hal Sours, '16	Charles Jahant, '09

Term Expires June, 1930

Gladys Parshall, '03
Dr. J. M. Ulrich, '13
Joseph Thomas, '15
Oscar Hunsicker, '19

ASSOCIATION BRANCHES

Chicago—President, Dr. Burne O. Sippy, '09, 30 N. Michigan Ave., Chicago, Ill.
Cleveland—President, Howard Spangler, '06, 9990 Euclid Ave., Cleveland, O.
Columbus—President, Dana F. Reynolds, '05, 514 Rowlands Bldg., Columbus, Ohio.
New England—President, Harry R. Karnaghan, 70 Francis Ave., 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., Detroit, Mich.
Pittsburgh—President, Mrs. John Parsons, '97, 640 Pitcairn Place, Pittsburgh, Pa.
Southern California—President, Dr. Carl F. Henry, '91, 36 W. Wilson Ave., Pasadena, Cal.

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-----Charles F. Weeks, ex-'14 Vice-Pres.-----Carl Leffler, '23
Secretary-Treasurer, Frank Knowlton, '23

THE UNIVERSITY OF AKRON

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 their 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 subscriptions 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 1251 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 Phillips Hall. 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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