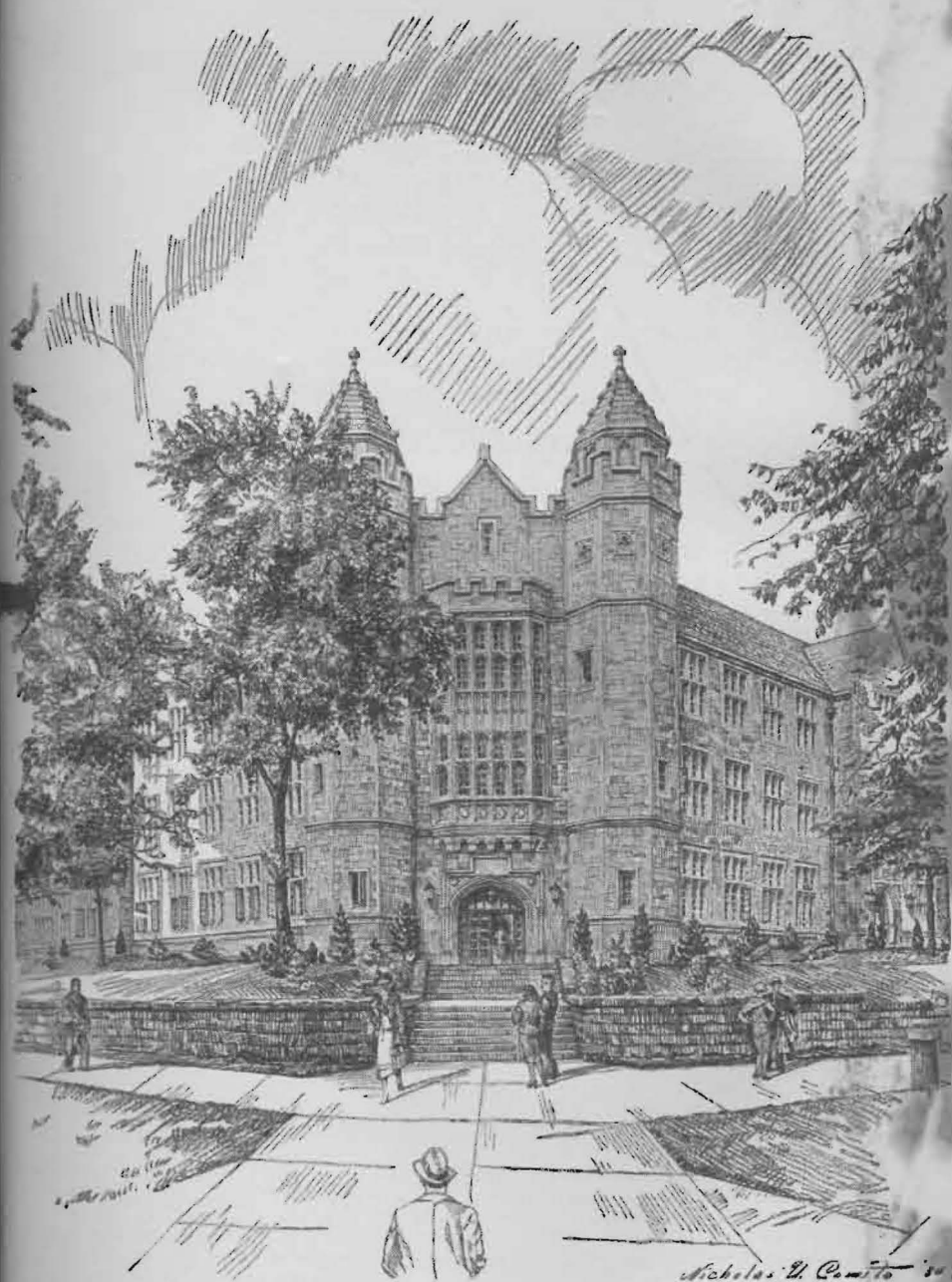




**Youngstown
.. College
1940-1941**





Nicholas H. Comito '00

DEGREES OFFERED

Bachelor of Arts

Bachelor of Science

Bachelor of Science in Education

Bachelor of Laws

CALENDAR

College of Arts and Sciences

1940

September 3	Entrance examinations for new students.
September 6	Final registration for freshmen and upper classmen.
September 9	Class work begins.
November 20	Thanksgiving holiday begins, 10:00 p. m.
November 25	Thanksgiving holiday ends, 8:00 a. m.
December 18	Christmas vacation begins, 10:00 p. m.

1941

January 2	Christmas vacation ends, 8:00 a. m.
January 13	Second semester registrations close.
January 20-23	Examinations.
January 25	First semester ends, 12 Noon.
January 27	Second semester begins, 8:00 a. m.
April 5	Easter vacation begins, 12 Noon.
April 14	Easter vacation ends, 8:00 a. m.
May 16	May Day.
May 30	Memorial Day; a holiday.
May 29-June 4	Examinations.
June 1	Baccalaureate Service.
June 5	Second semester ends.
June 6	Commencement.
June 7	Alumni Day.
June 16	Summer Session begins.
July 25	Summer Session ends.

School of Law

1940

September 19-20	Registration.
September 24	Fall Quarter begins.
December 13	Fall Quarter ends.

1941

January 3	Winter Quarter begins.
March 21	Winter Quarter ends.
March 25	Spring Quarter begins.
June 13	Spring Quarter ends.
July 1	Summer Quarter begins.
September 19	Summer Quarter ends.

BOARD OF GOVERNORS

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W. E. BLISS, *Vice-Chairman*
J. C. ARGETSINGER, *Vice-Chairman*
N. B. FOLSOM, *Recording Secretary*

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E. E. TROSS	General Superintendent, United En- gineering and Foundry Company
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VERNE J. WILSON	President, Union National Bank
R. J. WYSOR	President, Republic Steel Corporation
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PAUL B. DAVIES, <i>Ex-officio</i>	General Secretary of The Young Men's Christian Association

OFFICERS OF ADMINISTRATION

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JOSEPH EARLE SMITH, PH. D.	<i>Dean of Men</i>
GEORGE H. GESSNER, LL. B.	<i>Dean of Law</i>
CHARLES F. AXTMANN, M.S.	<i>Dean of Business Administration</i>
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FACULTY

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 A. B., Hiram College; A. M., Western Reserve University
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 A. B., Youngstown College; Graduate Study, Northwestern University
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 B. S., Pd. B., M. S., Syracuse University
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 A. B., A. M., Ohio Wesleyan University; Graduate Study, University
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 B. S. in C. E., Case School of Applied Science
- EUGENE C. BEACH, B. D.* *Bible*
 A. B., Eureka College; B. D., Garrett School of Theology, North-
 western University
- DWIGHT V. BEEDE, B. S. *Football Coach*
 B. S., Carnegie Institute of Technology
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 Ph. B., Bucknell University; M. Ed., University of Pittsburgh
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 M. E., Military Technical Academy, Charlottenberg, Germany
- PAUL H. BOLTON* *Advertising*
 New York University
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 B. S., University of Michigan
- J. LOTHAIRE BOWDEN, A. B.* *Speech*
 A. B., Hiram College; Graduate Study, Youngstown College Law
 School
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 B. Mus., Dana Musical Institute; Pupil of Beryl Rubenstein, Cleveland
 Institute of Music; Graduate Study, Carnegie Institute of Technology
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 B. S., University of Michigan; Ph. D., University of Pittsburgh
- RUSSELL G. BUNN, A. B. *Speech*
 A. B., Hiram College; School of Expression, Boston; Graduate Study,
 Columbia University
- WILLIAM H. BUNN, M. D., F. A. C. P. . . . *Lecturer in Biology*
 Wooster College; M. D., Jefferson Medical College; Post-Graduate
 Study, Sir James MacKenzie Institute for Clinical Research, St. An-
 drews, Scotland

*Instructors not carrying full teaching load.

YOUNGSTOWN COLLEGE

- HAROLD N. BURT, B. D. *Philosophy*
 B. S., University of Pennsylvania; B. D., Union Theological Seminary; Graduate Study, Universities of Berlin and Munich, Germany; Yale and Columbia Universities
- CLARENCE M. CARHART, B. S.* *Mathematics*
 B. S., Ohio Northern University
- ARTHUR L. CARTER, LL. B.* *Business Law*
 A. B., Muskingum College; LL. B., Youngstown College
- FRIEDA F. CHAPMAN, A. M. *Elementary Education*
 B. S., Ohio University; A. M., Ohio State University
- JOHN H. CHASE, A. M.* *Geology*
 B. S., Amherst College; A. M., Columbia University
- HENRY C. CHURCH, LL. B.* *Law*
 LL. B., Baldwin-Wallace College
- WILLIAM COWAN, B. C. S.* *Insurance*
 B. C. S., Youngstown College; Bucknell University
- LOUIS A. DEESZ, E. E.* *Applied Physics*
 B. S., E. E., Carnegie Institute of Technology
- DENTON T. DOLL, B. S. *Mathematics and Chemistry*
 B. S., M. S., Case School of Applied Science
- CHRISTINE RHOADES DYKEMA, A. B.* *French*
 Diplômes d'Etudes de Civilisation Française and Degré Supérieur, Université de Paris, France; A. B., Barnard College of Columbia University
- KARL W. DYKEMA, A. M. *English*
 A. B., A. M., Columbia University; Graduate Study, Alliance Française, Paris, France; University of Berlin, Germany; Columbia University
- MARGARET EVANS, B. S. *Art*
 B. S., University of Chicago; Pupil of Arthur Dow, of Columbia, and Walter Sargent, of Chicago; Graduate Study, Columbia University
- RAYMOND FALLS, A. B., LL. B.* *Law*
 A. B., Thiel College; LL. B., Western Reserve University
- ROY R. FELLERS, LL. B.* *Public Speaking*
 A. B., University of Michigan; LL. B., Youngstown College
- CASTLE W. FOARD, PH. D. *Mathematics and Physics*
 A. B., University of Wichita; M. S., University of Kentucky; Ph. D., University of Iowa
- JOHN Q. T. FORD, A. M., LL. B.* *Law*
 A. B., Georgetown University; LL. B., Harvard University
- JOHN W. FORD, A. M., LL. D.* *Law*
 A. B., Yale University; A. M., LL. B., Harvard University; LL. D., Kenyon College

FACULTY

- GEORGE K. FRIED, A. B.* *Business Administration*
A. B., Pennsylvania State College
- JEAN S. GASKEEN, B. S.* *Physical Education*
B. S., University of Wisconsin
- GEORGE H. GESSNER, LL. B.* *Law*
LL. B., Western Reserve University
- CLARENCE P. GOULD, PH. D. *Social Sciences*
A. B., Ph. D., Johns Hopkins University
- KATHRYN T. GUARNIERI, M. MUS.* *Voice*
B. Mus., Dana Musical Institute; Fellow, M. Mus., Dana Musical
Institute; Pupil of Enrichetta Lupi-Bosisio, Genoa, Italy; Theodore
Bjorkstein, Paris, France; Oscar Saenger, Jacques Coini, Frank La-
Forge, New York City
- ARNOLD HOFFMAN, A. M.* *Public School Music*
B. S. in Ed., Miami University; A. M., Ohio State University;
Graduate Study, Cincinnati Conservatory of Music
- JACOB HUBERT* *Violoncello*
Arts College, Alexandrowski, Russia; Studied cello under Boris Bes-
sodny; Johann Meyer, Reading, Pa.; Henry Hensel, Cleveland
- ELMER HYKES, B. S.* *Accounting*
A. B., B. S., Bliss College; Graduate Study, Denver University,
Ohio State University
- WARD B. JENKS, A. M. *Speech*
Ph. B., Brown University; A. M., University of Chicago
- HARRY JOYCE* *Woodwind Instruments*
Chicago Conservatory of Music; Pupil of Donald Bassett, Dayton;
Anton Quitsow, Chicago, and Fred Von Amberg, New York City
- RALPH KIRCHER* *Engineering Drawing*
Fenn College
- RANDALL LEYSHON, A. B.* *Physical Education*
A. B., Youngstown College
- HARLEY M. LITTLER, A. M.* *Physical Education*
A. B., Ohio University; A. M., New York University; Graduate
Study, New York University
- ROSCOE C. MCBRIDE, A. M.* *Metallurgy*
B. S., Case School of Applied Science; A. M., Farmington College
- JOHN A. MCCORKLE, A. M. *Social Science*
A. B., Oberlin College; A. M., Princeton University; Graduate Study,
New York University, Western Reserve University
- EDITH JOHNSON MCKISSOCK, A. M. *Mathematics*
A. B., A. M., Akron University
- THEODORE MACEJKO, LL. B.* *Business Law*
A. B., Youngstown College; LL. B., Ohio Northern University

YOUNGSTOWN COLLEGE

- ERSKINE MAIDEN, JR., A. B.* *Law*
 A. B., Harvard University; Harvard Law School; Western Reserve
 Law School
- D. ROY MELLON, B. S.* *Chemistry*
 B. S., Allegheny College; LL. B., Youngstown College; Graduate
 Study, Ohio State University
- WILLIAM S. MILLER* *Salesmanship*
 University of Denver
- BYRON T. MOTTINGER, E. E. *Applied Physics*
 B. S., E. E., Case School of Applied Science
- JOSEPH A. MULVEY* *Percussion Instruments*
 Cincinnati Conservatory of Music; Eastman School of Music
- ALVIN MYEROVICH, B. S. in Ed. *Violin*
 Pupil of Sascha Jakobinoff and Albert Meioff, Curtis Institute of
 Music, Philadelphia; Andre de Ribeaupierre, Louis Persinger, and
 Joseph Fuchs, Cleveland Institute of Music; Graduate of Cleveland
 Institute of Music; B. S. in Ed., Youngstown College
- WILBUR NICHOL* *Engineering Drawing*
 Youngstown College
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 A. B., Wooster College
- P. CALVIN PICKARD, A. B. *Business Administration*
 A. B., Ohio University
- J. HOWARD PITTS, A. B., LL. B.* *Law*
 A. B., Hobart College; LL. B., Cornell University
- O. L. REID, A. M. *English*
 A. B., Indiana University; A. M., New York University; LL. B.,
 University of Louisville
- LEONARD T. RICHARDSON, Docteur de l'Université. . . *Modern
 Languages*
 A. B., Aurora College; A. M., University of Chicago; Docteur de
 l'Université de Grenoble, France
- P. J. ROSS, JR., A. M.* *Political Science*
 A. B., Kentucky Wesleyan; A. M., University of Kentucky; Graduate
 Study, Ohio State University
- DOMINIC ROSSELLI, B. S. in Ed.* *Basketball Coach*
 B. S. in Ed., Geneva
- THERESA SCARNECCHIA, M. Ed.* *Italian*
 A. B., Youngstown College; M. Ed., University of Pittsburgh;
 Graduate Study, University of Pittsburgh
- EUGENE DODD SCUDDER, Ph. D. *Chemistry*
 A. B., A. M., Ph. D., Indiana University
- CATHERINE BERG SEMANS, A. M. *Psychology*
 A. B., A. M., Ohio State University

FACULTY

- FRANK MERRICK SEMANS, Ph. D. *Biology*
 A. B., A. M., Ph. D., Ohio State University
- PAUL SHIELDS, A. B.* *Mathematics*
 A. B., Youngstown College
- CLYDE SINGER* *Art*
 Columbus Art School; Art Students' League, New York; Student of
 Alexander Brooks, Kenneth Hayes Miller, and John Stuart Curry
- JOSEPH EARLE SMITH, Ph. D. *Social Science*
 A. B., Oxford University, England; A. M., University of Nebraska;
 Ph. D., Wallas College, London, England
- MARY BOYER SMITH, A. B. *Biology*
 A. B., Hiram College
- HENRY V. STEARNS, D. Ped. *Music*
 B. Mus., American Conservatory of Music; Private Study, Berlin,
 Germany; F. A. G. O.; M. Mus., American Conservatory of Music;
 D. Ped., Cincinnati Conservatory of Music
- R. A. WALDRON, Ph. D.* *Science*
 B. S., Massachusetts State College; M. S., Pennsylvania State College;
 Ph. D., University of Pennsylvania
- JOHN WAMPLER, B. Ed.* *Accounting*
 B. C. S., Youngstown College; B. Ed., Shippenberg State Normal
 College
- JEAN CAMPBELL WEBB, B. S.* *Art*
 Graduate, Pratt Institute Art School, Brooklyn; B. S., Columbia
 University
- WILLARD L. WEBSTER, B. S. *Biology*
 B. S., Geneva College; Graduate Study, University of Pittsburgh
- RUTH P. WHITTINGTON, B. S.* *Physical Education*
 Central School of Physical Education; B. S., New York University;
 Graduate Study, New York University
- GEORGE M. WILCOX, Ph. D. *Education*
 A. B., Cornell College; A. M., State University of Iowa; Ph. D.,
 Columbia University
- RICHARD WILLS, A. B., LL. B.* *Law*
 A. B., LL. B., Yale University
- DANIEL WISE, M. Eng.* *Applied Physics*
 B. S., Case School of Applied Science; M. Eng., Yale University
- MAX J. WOLFF, LL. D. *Social Science*
 LL. B., University of Cologne, Germany; LL. M., University of
 Berlin, Germany; LL. D., University of Cologne, Germany
- KNOWLES WYATT, B. S., LL. B.* *Law*
 B. S., Muskingum College; LL. B., Youngstown College

FACULTY COMMITTEES

Academic Standards—Mr. Dykema, chairman; Mr. Semans, Mrs. Bridgham, Mr. Foard, Mr. Doll, Mr. Richardson, Mr. Scudder, Mrs. Semans, Mr. Smith, Mr. Wilcox.

Athletic Board—Mr. Doll, chairman; Mr. Foard, Mr. Beede, Mr. James.

Catalog—Miss Flint, chairman; Mr. Gould, Mr. Bare, Mr. Reid, Mr. Dykema, Mr. Scudder.

Chapel and Religious Activities—Mr. Stearns, chairman; Mrs. Semans, Mr. Bare.

Commencement—Mr. Foard, chairman; Mr. Stearns, Mr. Mottinger.

Coordination and Calendar—Mr. Stearns, chairman; Mr. Burt, Mr. Bunn, Mr. Foard, Miss Evans, Mr. Doll, Mr. Scudder, Mr. Pickard.

Credits and Admission—Mr. Buchanan, chairman; Mr. Wilcox, Mrs. Semans, Mr. Smith.

Curriculum—Mr. Smith, chairman; Mr. Scudder, Mr. Burt, Mr. Reid, Mr. Wilcox, Mr. Foard.

Discipline—Mrs. Semans, Mr. Wilcox, Mr. Smith.

Executive—Mr. Wilcox, chairman; Mrs. Semans, Mr. Smith, Mr. Scudder, Mr. Gould.

Faculty-Student Relations—Mr. Pickard, chairman; Mr. Doll, Mr. Scudder, Mr. Jenks.

Library—Mr. Reid, chairman; Mr. Smith, Mr. Gould, Miss Brunner, Mr. Richardson, Mr. Foard.

Pre-Medical Science—Mr. Semans, chairman; Mr. Webster, Mrs. Bridgham, Mr. Scudder.

Social Activities—Mrs. Bridgham, chairman; Mr. Doll, Mr. Burt, Mr. Bunn, Mrs. McKissock.

Note: The President is ex-officio a member of all committees.

OBJECTIVES

Youngstown College attempts to meet the needs of the local community for the education of young men and women of college rank and of other properly qualified adults.

The program of the college focuses upon the development of the capacities of the individual student along the threefold lines of moral integrity, intellectual and cultural interests, and vocational competency. To achieve these ends the college seeks to provide:

First, a sound philosophy of life including an appreciation of those moral, religious, intellectual, and aesthetic values which make life satisfying; standards of rational conduct and discipline derived from an intelligent understanding of one's self in relation to others and coming from within rather than from external authority; and stability and integrity of character, arising from sound principles and a sustained religious faith, irrespective of church affiliations.

Second, a broad, liberal, and cultural education characterized by habits of free inquiry, powers of exact observation, a love of truth, a taste for good reading, familiarity with the general content of the various fields of knowledge, rigorous discipline in some chosen field, and ability to express thoughts clearly and forcefully.

HISTORICAL SKETCH

Youngstown College traces its origin to the attempt made in 1888 by the Y. M. C. A. to provide through the Youngstown Association Schools, certain educational opportunities for employed men and boys unable to attend the public schools. The establishment of an institution on the college level did not come until twenty years later when the Law School was organized with an entering class of nine. By 1920 a full course in law was being offered, and the Law School was empowered by the State to grant the degree of Bachelor of Laws. In the same year the curriculum in other fields was expanded, and a four-year course in business administration was offered. In 1921 the Youngstown Association School became the Youngstown Institute of Technology, liberal arts courses were offered for the first time, and the institution became coeducational.

Youngstown College was the name given to the school when in 1927 it established a College of Liberal Arts and offered for the first time a program of day classes to meet the demands of the increasing number of younger students. In June, 1930, the first graduating class was granted the degree of Bachelor of Arts. In 1933 Youngstown College was fully accredited by the State Department of Education to train high school teachers, and in 1939 the right to train elementary teachers was granted. In the spring of 1940 Youngstown College was made a member of the Ohio College Association.

During the fifty-two years of this development the school has had a number of homes. The Youngstown Association School was housed on the third floor of the old Central Y. M. C. A. building and in the new Central Y. M. C. A. until 1923 when the Bonnell property at 315 Wick Avenue was leased and all college classes were moved to this building. The preparatory schools remained at the Central Y. M. C. A. building. In 1925 the John C. Wick property at 410 Wick Avenue was

HISTORICAL SKETCH

purchased by the Y. M. C. A., and both college classes and preparatory classes were moved to this location. Within two years more space was needed and the Henry Wick property adjoining the John C. Wick property on the north was leased and occupied by the college classes. This was the home of the college until October 1, 1931, when the spacious structure which it now occupies was dedicated and opened for classes.

During the past year the formerly leased Henry Wick property was purchased for the School of Business.

THE GENERAL PROGRAM OF THE COLLEGE

The College of Arts and Sciences

The regular program in arts and sciences is offered in day classes, but for those who must work during the day there are classes in the late afternoons and evenings. Evening classes give the same credit toward degrees as those offered during the day.

For the academic day and evening classes the college year extends from September to June and is divided into two semesters of eighteen weeks each. Sessions are held five days and evenings a week. The courses are so arranged that students graduating from high school in January and wishing to enter college at that time may arrange satisfactory schedules for the second semester.

Summer Session

Youngstown College also holds a summer session of six to nine weeks each summer. A special bulletin is issued giving full information about the summer work.

The Law School

The Law School offers a complete course leading to the degree of Bachelor of Laws. Classes in law are held throughout the year and meet in the evenings. The school operates on the quarter plan. Five years or a total of nineteen quarters constitute a complete law course. The College and Law School offer a combined course by which a student who has completed three years of work in the liberal arts courses may receive the degree of Bachelor of Arts after finishing two years of work in the Law School. Three additional years in the Law School will entitle him also to the degree of Bachelor of Laws.

GENERAL PROGRAM

The Cooperative Plan in Engineering

In order to meet special needs of the Youngstown community the cooperative plan of study has been introduced in the junior and senior years of the Department of Applied Science. Students working under this plan divide their time between classroom study and active employment in industry, alternating a semester or a summer of study with a similar period of employment. Although the college cannot guarantee to find positions for all students pursuing this plan, every possible effort is made to do so, and the cooperation of the industrial managers of Youngstown is such that excellent results are attained. No student will be recommended for a position who is not known to the members of the college staff in engineering, and students entering with advanced standing are required to complete satisfactorily at least one year at Youngstown College before being recommended. As far as possible, the work during the periods of employment is correlated with the curriculum during the periods of study in order that the student may see the practical meaning of his class work and may learn to apply theories to actual problems. The cooperative plan not only offers many educational advantages but also enables a student to earn a large part of his expenses after his first two years in college. It requires, however, three years to complete what is ordinarily done during the last two years of college work, making a total of five years after admission to college before a degree can be obtained.

BUILDINGS AND OTHER FACILITIES

The main college building is a beautiful limestone structure of conventional Tudor style built in 1931 at the corner of Wick and Lincoln avenues. Though increased enrollment is now causing this building to be used to its utmost capacity, it is still housing almost all the academic college work. In it are the library, the classrooms, nine laboratories for biology, chemistry, engineering, and physics, an assembly hall, recreation rooms for both students and faculty, and the business offices. Immediately north of the main building is the former Henry Wick property, which has recently been purchased by the college and which is now being used by the School of Business.

For gymnasium and other athletic work the college uses the equipment of the Y. M. C. A. and the Y. W. C. A. The former is about four blocks away and the latter but one block. Field facilities for athletic team practice and games are secured through arrangements by which Rayen Stadium is made available to the college.

Through the courtesy of the Butler Art Institute some college classes in art and social science regularly meet in its rooms and galleries. Biology classes not only use Mill Creek Park for field trips but also have the privilege of occupying well equipped classrooms in the Old Mill there. The two local radio broadcasting stations permit the use of their facilities for the teaching of public speaking and for other educational purposes, and the social agencies of the city make it possible for students in sociology to do practical social work.

The Library

The library, which is on the fourth floor of the main building, is open from 8 a. m. to 10 p. m. Borrower's cards are issued to all students of the college upon application.

BUILDINGS AND OTHER FACILITIES

The library subscribes to 287 magazines and contains 21,150 volumes, all of recent purchase and therefore of current value. This collection is growing at about the rate of 3500 volumes a year.

An association known as The Friends of the College Library, organized in 1938 by the Youngstown chapter of the American Association of University Women, has assumed the responsibility of raising over a ten-year period a fund of \$50,000 for book purchases. The contributions of this group are already proving of great value to the library.

The Youngstown Public Library, almost directly across the street, contains a collection of 198,696 volumes which are easily accessible to the students. The reference room facilities and service are maintained on the highest professional basis not only from the standpoint of the size of the collection but also from the standpoint of its organization and service. Some of the outstanding special collections are those of art books, business and technical subjects, foreign languages, and historical data. Avoiding duplication, as far as possible, the Youngstown Public Library supplements the College Library in the broad field of research and investigation.

Cultural Opportunities

Students at Youngstown College have unusual opportunities for hearing a wide range of the best in music. There are recitals by faculty and students, free organ recitals at Stambaugh Auditorium under the auspices of the American Guild of Organists, concerts by the Youngstown Symphony Orchestra, and various activities of the Monday Musical Club. These series of concerts bring to Youngstown each season a number of the world's great musical artists.

The Butler Art Institute, adjacent to the School of Business, contains valuable permanent collections of paintings and

YOUNGSTOWN COLLEGE

other art treasures, and presents frequent temporary exhibits of the highest importance.

In the field of drama students have opportunities of enjoying the college plays and also some of the best professional productions brought here by the local theaters. In addition, there is The Playhouse located just west of the college. This project is carried on by a group of Youngstown people, and members of the college community sometimes participate in the plays.

Not far from the college is the fine Stambaugh Auditorium, which houses one of the great organs of the country and serves as a center for frequent lectures, dances, and other functions.

Many churches of various denominations are within easy walking distance of the college.

FEEES AND EXPENSES

College of Arts and Sciences

All tuition and fees are due and payable at the opening of each semester and must be paid not later than the last day of the registration period. Students will not be permitted to attend classes until tuition has been paid or payments have been satisfactorily arranged with the business manager. A penalty of \$2.00 will be charged all students whose enrollment is not completed by the last day of the registration period. In certain laboratory courses where materials are consumed, and in certain courses in music, education, and applied science, additional fees are charged as indicated after the course descriptions.

A fee of \$5.00 is charged for each semester hour of instruction in excess of the normal schedule of twelve to fifteen hours, exclusive of gymnasium, hygiene, and extra-curricular courses (choir, orchestra, etc.).

A carrying charge of ten per cent will be charged on the unpaid balance on all contracts not paid in full at the opening of the school term.

Graduation will not be permitted nor will certificates of credits earned be given in the case of any student who has not fully met all obligations to the college.

Full-Time Students

(Students carrying eleven or more hours of work)

Tuition and Regular Fees—Payable each semester:

Tuition (12 to 15 hours)	\$75.00
Each additional hour	5.00
Student Activities Fee	5.00
Athletics Fee	3.00
Library Fee	2.00
Laboratory Fees (See Courses)	

YOUNGSTOWN COLLEGE

Special Fees—Payable each semester:

Gymnasium and Hygiene Fee	\$5.00
Hygiene Fee (When taken without gymnasium)	2.50
Drawing and Painting from Life (per credit hour)	4.00
Other Fine Arts Courses (per credit hour)	4.00

Part-Time Students

(Students carrying less than eleven hours of work)

Tuition—Payable each semester:

1½ credit hours	\$20.00 and \$15.00
2 credit hours	25.00 and 20.00
3 credit hours	25.00
4 credit hours	32.50
5 credit hours	40.00
6 credit hours	47.50
Each additional credit hour	5.00

Tuition for Special Courses—Payable each semester:

Drawing and Painting from Life (3 hours)	\$35.00
Other Fine Arts Courses (3 hours)	30.00
Six hours including Life Class	62.00
Not including Life Class	57.00
Nine hours including Life Class	86.00
Not including Life Class	81.00
Engineering Drawing and College Mathematics (6 hours)	47.50
Engineering Drawing and Shop Mathematics (4 hours)	40.00
Engineering Drawing (2 nights) (3 hours)	30.00
Public Speaking for Business and Professional Men	25.00

Note: All part-time students carrying six or more hours will be furnished a Student Activities Book without charge. Students enrolling for less than six hours may secure an activities book by the payment of \$2.50.

Special Fees for All Students

Matriculation Fee—A fee of \$5.00 is charged all new full-time students (once only) to cover the cost of registration and must accompany application for admission.

Late Registration Fee—A fee of \$2.00 is charged all persons registering after the last day of the registration period.

Change of Registration Fee—A fee of \$2.00 is charged all persons changing their registration except when done at the request of the administration. All changes of registration must be approved by the dean.

Reinstatement Fee—A student suspended from classes for any reason will be charged a \$2.00 fee upon readmission to classes.

Fees for Irregular Examinations—When a student requests an examination at other than the regularly scheduled period, a fee of \$2.00 for final examinations and \$1.00 for all other examinations is charged, except in case of illness when the student must present a letter from his family physician.

Psychological and English Tests Fee—A fee of \$1.00 covers the cost of three tests which are required of all freshman students, students who wish to teach, and students working toward a degree. Students taking the Vocational Guidance Test, in addition to the above, will pay \$1.50 for the four tests.

Sophomore Examination Fee—A fee of \$1.00 is charged for the comprehensive examination which is required of all students who wish to enter the upper division of the college.

Graduation Fee—A fee of \$7.00 is charged all persons receiving a baccalaureate degree or a diploma. The fee includes cap and gown rental.

Physical Examination Fee—A physical examination by the college medical examiner is required of all full-time students taking physical education. A fee of 75 cents is charged.

Transcript of Credits—One transcript will be furnished free of charge. A fee of \$1.00 is charged for each additional transcript.

Student Lockers—The college provides lockers to all full-time students without charge. It does not, however, assume any responsibility for personal property.

Installment Tuition

Students who elect to pay their tuition in installments shall make a down payment of at least twenty-five per cent of their total tuition at the time of enrolling and shall make satisfactory arrangements with the business manager for the payment of the balance of their tuition before they will be permitted to attend classes. All installment contracts must be paid in full on or before the expiration of two-thirds of a school term.

Students electing the installment plan will be assessed a carrying charge of ten per cent on the unpaid balance after the initial payment. The minimum carrying charge is \$1.00.

Any student who fails to meet his installment payments as arranged will be suspended from classes until payment has been made. A fee of \$2.00 will be charged for reinstatement.

No student will be permitted to enroll for a new semester until all previous tuition has been paid in full.

Withdrawals and Refunds

No student will be enrolled for less than a full semester. If a student is forced to drop a course or withdraw from school for reasons beyond his control, he shall make application to the registrar or business manager. Failure to do so shall constitute waiver of any claim to a refund or adjustment and an installment contract shall become due and payable in full.

No application for refund or adjustment will be considered after one-third of a school term has elapsed, except in the case of illness which makes it impossible for the student to attend classes and for which a doctor's certificate must be furnished. No application will be considered after midsemester. The college is not under obligation to make any refund or adjustment in any event. Therefore there is no right to a refund or adjustment in the case of any student who is suspended, or expelled, or who may withdraw of his own accord.

School of Law

The tuition for each quarter is \$40.00. An athletic fee of \$2.00 is charged each fall and winter quarter. This fee entitles the student to a Student Activities Book.

A ten per cent discount will be allowed on the tuition portion of all contracts paid in cash within ten days after the opening date of the quarter. Students who elect to pay their tuition in installments shall make a down payment of at least twenty-five per cent at the time of enrolling and shall arrange a satisfactory schedule of payments on the balance with the business manager. Failure to comply with the above will necessitate the suspension of the student from class.

No student will be permitted to enroll for a new quarter until all previous tuition has been paid in full.

**The College of
Arts and Sciences**

ADMISSION AND REGISTRATION

General Requirements for Admission

Graduates of a first-grade high school or an accredited secondary school are admitted to Youngstown College upon presentation of a satisfactory official transcript of their high school credits. All candidates for admission to the college are expected to furnish evidence of good character.

The filing of a formal application on blanks furnished by the college is required. This application accompanied by an official statement of high school credits should be made as soon as possible after graduation from high school.

All new students are required to take entrance examinations shortly before the beginning of each semester. Students showing low results in these examinations and those who are in the lowest third of their high school class may be refused admittance, but if admitted they will be placed on probation until they have demonstrated their ability to do college work of a satisfactory quality.

An examination in English will be given to all new students during the week preceding the beginning of classes. Those students whose examination grades show a serious deficiency in English fundamentals will register for English 103-104, instead of English 101-102.

Special Requirements for Admission to Courses Leading to the Degrees of Bachelor of Arts and Bachelor of Science

Students entering courses leading to the degree of Bachelor of Arts or Bachelor of Science are required to present among their high school credits the following units:

English	3 units
United States History and Civics	1 unit
Algebra	1 unit
Geometry	1 unit
Laboratory Science	1 unit
Foreign Language	2 units
Acceptable Electives	7 units

YOUNGSTOWN COLLEGE

High school graduates who are deficient in any of the above specific requirements must arrange to make up the deficiency before the beginning of the sophomore year. Deficiencies in foreign language and laboratory science may be made up by taking appropriate courses in college without credit toward a degree. One semester of work in college is equivalent to one year in high school.

Requirements for Admission to Courses Leading to the Degree of Bachelor of Science in Education

Students entering courses leading to the degree of Bachelor of Science in Education are required to present among their high school credits the following units:

English	3 units
History and Civics	1 unit
Algebra or Geometry	1 unit
Science	1 unit
Acceptable Electives	10 units

Admission From Other Colleges

Students applying for permission to transfer from other colleges are required to present a complete transcript of all high school and college work previously taken. The applicant must also present a letter of honorable dismissal from the college last attended, and in no case will an applicant be accepted who is not eligible to return to his former institution.

Special Students

In a few cases students who are not high school graduates but who, because of maturity, seem able to pursue college work, may be admitted as special students. The credits of such students will not be accepted toward a degree.

Registration

Every student must register before the beginning of each semester, and early registration is strongly advised so that there

ADMISSION AND REGISTRATION

may be no delay in beginning classes. A fee of \$2.00 will be charged all students who register after the final registration date. The office of the registrar is located on the first floor of the main college building and is open from 8:30 a. m. until 8:30 p. m. every week day, except Saturday when it closes at noon.

REQUIREMENTS FOR DEGREES

Application

Application for a degree must be filed with the registrar in the month of September preceding graduation.

Residence Requirement

For all degrees and certificates it is required that at least thirty credit hours of the work be done in residence at Youngstown College.

Requirements for the Degree of Bachelor of Arts

The degree of Bachelor of Arts will be granted to students who have received credit for 125 credit hours* of work with a point average (see pages 36-37) of not less than 1.00 and have included courses and met the conditions that follow.

English Satisfactory proficiency (11 hours)

The head of the Department of English is the judge of this proficiency. Ordinarily, he will grant a certificate to those who have completed with grades of C or higher, 6 hours of English composition, 3 hours of literature, and 2 hours of speech.

Modern Language A reading knowledge (12 hours)

A reading knowledge is defined as the equivalent of what a student should know after two years of successful college study. A certificate indicating that the student has fulfilled this requirement must be obtained from the head of the Department of Modern Languages. Arrangements may be made to substitute an ancient language.

Laboratory Science 8 hours

One year of continuous work is required in one laboratory science.

Mathematics or Science (Laboratory or
Non-Laboratory) 3 hours

Social Science 9 hours

Psychology, Philosophy, Bible 6 hours

Orientation 1 hour

Physical Education and Hygiene 4 hours

On the presentation of a letter from the family physician stating that for reasons of health physical exercise would be unwise, students may be excused from taking physical education; but in such cases other recreational activities will be substituted.

*A semester credit hour ordinarily represents one recitation or lecture period each week throughout the semester. It is assumed that each recitation hour requires two hours of preparation or laboratory work.

REQUIREMENTS FOR DEGREES

Major and Minor Requirements

Each student is required to include in the 125 semester hours a major and at least one minor. A major consists of thirty credit hours of work in one department except when the student combines several social sciences for a major, in which case a total of forty-five semester hours is required. A minor consists of fifteen credit hours of work in a field related to the major.

The major and minor work must in all cases meet the approval of the head of the department in which the major work is taken; and a point average of 1.5 or better must be secured in all major courses numbered 200 or above.

A student planning his work should as early as possible consult the head of the department in which he expects to major. It is desirable that the major work be planned beginning with the freshman year, and it is essential, in some departments, that this planning occur not later than the beginning of the sophomore year.

Distribution Requirements

Courses are numbered with reference to their advancement. At least sixty credit hours must be taken in courses numbered 200 or above, and at least forty credit hours in those numbered 300 or above.

Requirements for the Combined Course Leading to the Degrees of Bachelor of Arts and Bachelor of Laws

Those who have completed in the College of Arts and Sciences work totaling at least 95 credit hours including all other requirements for the degree of Bachelor of Arts will be granted the degree of Bachelor of Arts on the further satisfactory completion of two years of regular work in the Law School. By this privilege students are enabled to secure the

YOUNGSTOWN COLLEGE

arts degree after three years of work in the college followed by two years of work in the Law School and the law degree after three additional years in the Law School.

Requirements for the Degree of Bachelor of Science

To meet special needs of this community and to prepare students with a scientific background for various industrial occupations, curricula leading to the degree of Bachelor of Science have been set up with majors in the applied fields of chemistry, physics, and nursing. These courses also offer preparation for outstanding students who expect to do advanced work in science or engineering.

In order that sufficient specialization may be obtained without too great a reduction in the amount of cultural work, these courses require a minimum of 136 credit hours and a maximum of 150 credit hours. They require, therefore, more than the usual four years (eight semesters) for completion. By attending summer sessions all the courses except that in nursing can be completed in four years.

All candidates for the degree of Bachelor of Science must satisfy the following requirements:

English Satisfactory Proficiency (8 hours)

The head of the Department of English is the judge of this proficiency. Ordinarily, he will grant a certificate to those who have completed with grades of C or higher 6 hours of English composition and 2 hours of speech.

Modern Language A reading knowledge of scientific
French or German

A reading knowledge is defined as the equivalent of what a student should know after two years of successful college study. This is not always required of those majoring in nursing. A certificate in writing that the student has fulfilled this requirement should be obtained from the head of the Department of Modern Languages.

Economics or Psychology	6 hours
Other Non-Science Work	6 hours
Physical Education and Hygiene	4 hours
Orientation or Survey of Engineering	1 hour

The major work is laid out by the departments concerned.

REQUIREMENTS FOR DEGREES

The course for the degree of Bachelor of Science with a major in nursing is offered in cooperation with various nursing schools. The student takes two years of work at Youngstown College and then a three-year course in an accredited school of nursing, followed by a final semester of work at the college. The school of nursing grants the Diploma in Nursing, and the college grants the degree of Bachelor of Science. Before entering this course a student should have an interview with the head of the school of nursing where she expects to do her work in order to make certain that all the entrance regulations of that school have been complied with.

Complete curricula for the courses leading to the degree of Bachelor of Science are set forth in a bulletin obtainable upon request.

Requirements for the Degree of Bachelor of Science in Education

In order to receive the degree of Bachelor of Science in Education candidates must present 125 credit hours with a point average of not less than 1.00, comply with the same major, minor, and distribution requirements that are prescribed for the degree of Bachelor of Arts, and meet the same specific requirements except Modern Language, Laboratory Science, Mathematics or Science, and Social Science. In place of these the following specific requirements are substituted:

Biological Science	8 hours
History, Economics, Sociology, and Government	9 hours

Majors and minors for this degree may be worked out in the usual academic fields and also in business education, elementary education, and public school music. Students seeking this or any other degree with the intention of becoming teachers should consult the dean about the requirements for teachers' certificates.

YOUNGSTOWN COLLEGE

Requirements for the Title of Associate in Business Administration

The title of Associate in Business Administration will be granted to students of the evening classes having a total of 60 credit hours with a point index of not less than 1.00 and including English Composition 101-102, Business Law 201 and 303, and Economics 101, and including in addition, at least 30 hours of work acceptable as a major in either accounting or business administration. This course can be taken only in the evening program.

Courses to Meet Special Requirements

All states have issued detailed programs of courses that must be pursued in order to secure licenses to teach; medical colleges have laid down specific requirements for pre-medical work; and many law schools, graduate schools, and other technical institutions have issued more or less mandatory recommendations for those who seek admission. Prospective teachers, pre-medical students, pre-law students, and all others wishing to enter professional schools or to pursue technological work of any kind should, therefore, consult the dean at the earliest possible time for advice. Such special needs can usually be met within the degree requirements of Youngstown College, but in many cases the proper selection of courses must begin in the freshman year.

GENERAL REGULATIONS

Schedules of Courses

At the beginning of each semester students make out their schedules of courses under supervision of their faculty advisers. Work leading to fifteen or sixteen credit hours is considered the normal amount for arts students. No freshman is permitted to take more than sixteen hours of academic work except where some adjustment is necessary to construct a schedule. After registration a reduction may be made by the deans in the schedules of students whose previous records are low. Advanced students with satisfactory records may by petitioning the faculty receive permission to carry additional credit hours of work not exceeding a total of eighteen.

Any student who wishes to make a change in his schedule of classes after registration must fill out a change-of-registration form and have it signed by the instructors concerned and approved by the dean. A mark of failure will be recorded for a course dropped without this procedure. Ordinarily, no student will be permitted to drop a course without a grade of F after the first six weeks of the semester have expired.

Upper and Lower Division

For better regulation of the choice of courses the college is divided into the Upper Division, consisting of the senior and junior classes, and the Lower Division, consisting of the sophomore and freshman classes. Courses in the Lower Division are numbered below 300, and those in the Upper Division are numbered 300 and above.

Freshman students are not permitted to take a course in the Upper Division except by approval of the dean. Senior students taking courses numbered lower than 200 will have their credit for those courses reduced by one-third.

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Every sophomore is required to take comprehensive examinations to qualify for admission to the Upper Division. The fee for these examinations is seventy-five cents if paid in advance.

Chapel and Assembly

In alternate weeks are held a chapel meeting of a religious, but non-sectarian, nature and an assembly of non-religious character. All students not specifically excused are required to attend these meetings.

Attendance

By action of the faculty there may be a reduction of the number of academic credits earned toward graduation during any semester in the cases of students who are irregular in attendance at chapel, assembly, or classes.

Any student who is absent from a regular examination will be required, at the discretion of the instructor, to obtain from the dean written permission to take the examination, and to pay a fee of one dollar.

Grading System

Grades for work done are recorded as follows: A, excellent; B, good; C, fair; D, poor; and F, failure.

The passing grades give points as follows: A, 3 points per credit hour; B, 2 points per credit hour; C, 1 point per credit hour; and D, no point. The average number of points per credit hour earned is called the point index and indicates the student's general standing. The point index is computed by dividing the total number of points earned by the total number of credit hours for which the student was registered. Thus, a student registered for 16 credit hours and earning 24 points would have a point index of 1.50.

GENERAL REGULATIONS

Grade Requirements

A student must have a point index of not less than 1.00 to be eligible for any degree.

Any student who at the end of his freshman year has a scholastic point index of less than .50, or at the end of his sophomore year has a scholastic point index of less than .75, or at the end of his junior year has a scholastic point index of less than 1.00 will be placed on probation and will not be readmitted the following semester.

Any student who at the end of a semester has received a grade of F in half or more than half of the total of semester hours for which he is registered will not be readmitted for the following semester.

COLLEGE ACTIVITIES

The college aims to foster student participation in various extracurricular activities, such as athletics, debating, dramatics, and music. However, since the scholastic standing of the student must always take precedence over the extracurricular activities, the administration deems it wise to limit the participation in other activities to students whose point index for scholastic standing is above 1.5.

Student Council

The student body of Youngstown College is represented in all affairs pertaining to it by the Student Council, organized under a constitution and recognized by the administration. The council is composed of members of each social fraternity and of non-fraternity students. A faculty representative is chosen by the administration to act as an adviser to the group.

Honor Point System

The Honor Point System of Youngstown College was initiated by the Student Council and after some changes was unanimously adopted by the faculty with the end in view of recognizing not only scholastic attainments but extracurricular activities as well. Students attaining thirty honor points are eligible to be placed on the honor roll. The three students earning the largest number of points each year will receive a pearl-studded pin with the letters "Y. C.," the official emblem of the college.

Eligibility to the honor roll is based on points made in both scholastic and extracurricular activities, and no student is considered eligible for a pin who has not achieved the majority of his points in scholarship.

COLLEGE ACTIVITIES

Athletics

The physical development of the student is promoted by means of courses in physical education, intramural activities, and intercollegiate competition.

The purpose of physical education and intramural activities is to enlist and hold the interest of the entire student body in active participation in games of skill and pleasure. Stress is placed upon those games that can be played after the student leaves college, such as volleyball, handball, table tennis, basketball, tennis, swimming, etc. For those students who excel in athletics, intercollegiate competition in basketball, football, and tennis is provided.

Athletic affairs are supervised by the Athletic Board and the Women's Athletic Association. Students who have won athletic letters are organized in the Varsity Club.

Dramatics and Debate

Two dramatic organizations cooperate with the Department of English to produce several student plays during the college year. One of the organizations, Alpha Psi Omega, is a national fraternity; the other, the Mimes, was organized at Youngstown in 1927-28 and is local in nature. Once a year the dramatic and the musical societies combine their efforts to produce an opera.

Debating attracts great interest at the college. Intercollegiate debates are scheduled each season, and membership in a national forensic fraternity is being contemplated.

Musical Organizations

Various musical activities are encouraged and supported by the college. Frequent recitals during the year provide an opportunity for training in public performance which is invaluable to the young musician.

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The Marching Band consists of fifty or more men students who play for football games and many other school functions.

The Chapel Choir is a group of about twenty-five men and women chosen for their vocal and musical ability. The choir gives several public performances each year and sings at each college chapel service.

The College Orchestra was organized to provide an opportunity for musical growth and development for all students who are interested. The orchestra provides music on many occasions.

The Music Society is composed of students who show unusual ability. They are given special attention and are permitted to progress in their work as rapidly as they are able. Members of the society form the nucleus of the college orchestra.

Student Publications

The Neon is the College Annual published by students elected to the Neon staff. The editors are usually seniors but the other offices are filled by underclassmen. This publication gives students training in copy, layout, and similar work. Experience is gained in advertising, financing, and other phases of practical management.

The Jambar is a biweekly college newspaper, published by a staff chosen from the student body. Students interested in journalism can secure opportunities to serve on the staff to gain experience in this field. The paper is supported partly by the student activities fund and partly by advertising. The Jambar has for some years been rated among the best in its field by the Associated Collegiate Press, and in 1939-40 it was awarded the Scripps-Howard cup offered to the outstanding bi-weekly college paper in Ohio.

COLLEGE ACTIVITIES

A Student Handbook is published at the first of each college year for the new students. Its purpose is to inform the newcomer of college activities and traditions.

Professional and Honorary Fraternities

Delta Epsilon is a local scholastic honorary fraternity founded for the purpose of raising the academic standards of the college, and of recognizing the efforts of those whose grades average "B" or better.

Sigma Tau Delta is a national English professional society. The Youngstown chapter was authorized in 1933. Only English majors with at least a "B" average can become members.

Alpha Psi Omega is a national honorary dramatic fraternity, the local chapter of which was established in 1939. It gives recognition to those who have excelled on the college stage.

Phi Epsilon is a local honorary chemistry society. When founded it took outstanding students from all the sciences, but has since restricted its membership to chemistry majors.

Omicron Lambda is a local honorary society for biology majors. Several field trips a year are a part of its instructional program.

Social Fraternities and Sororities

All social fraternities and sororities at Youngstown College are local with the exception of Sigma Kappa Phi which is a national fraternity for business administration students. Two fraternities, Sigma Delta Beta and Phi Gamma, have houses near the campus. The Interfraternity Council supervises the relations of fraternities among themselves and with

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outside groups. A complete list of fraternities of the college follows:

Alpha Theta Delta

Gamma Sigma

Phi Gamma Beta

Phi Gamma

Sigma Kappa Phi

Phi Lambda Delta

Phi Sigma Epsilon

Phi Kappa Delta

Sigma Delta Beta

Other College Organizations

Dawn Patrol (aviation)

Gessner Law Club

International Relations Club

Le Cercle Français

Mathematics Society

Newman Club

Radio Club

Religion in Life Club

COURSES OF INSTRUCTION

Courses are offered each year unless otherwise indicated.

Courses followed by the date in parenthesis are not offered every year, but in most cases are offered on alternate years.

The use of a hyphen between numbers, as 101-102, indicates that credit is not given toward graduation for the work of one semester until the work of the other semester is completed except when special permission is granted by the head of the department involved. The use of a comma between the semester numbers, as 105, 106, indicates that the course extends throughout the year, but that credit toward graduation is given for the work of either semester.

Courses numbered from 101 to 199 are freshman courses; from 201 to 299, sophomore; 301 and above are junior and senior courses.

ACCOUNTING

201-202. ELEMENTARY ACCOUNTING—Includes the theory of balance sheets, operating accounts, and working papers. Particular attention is given to the use of books of original entry and to the special ledger accounts. Setting up accounts and adjusting and closing books at the close of the fiscal period are developed through the use of a practice set and problems. Required of all who expect to take more advanced courses. This course does not count toward a major. *Three hours credit each semester.*

207. MATHEMATICS OF ACCOUNTING AND FINANCE—Covers short methods of computations, progressions, averages, turnover, compound interest, sinking funds, annuities, bond discount and premium, and logarithms. Advisable to have had one course in algebra. Prerequisite, Accounting 201-202. *Three hours credit.*

301. INTERMEDIATE ACCOUNTING—A study of corporate structure and accounts, together with such special subjects as actuarial science, averaging accounts, notes and acceptances, inventories, consignments, installment sales and fixed assets. Prerequisite, Accounting 201-202. *Three hours credit.*

302. INTERMEDIATE ACCOUNTING—This subject covers investments, liabilities, funds and reserves, corrections of statements and books, analysis of statements, partnerships and venture accounts. Prerequisite, Accounting 301. *Three hours credit.*

307. ANALYSIS OF FINANCIAL STATEMENTS—A study of the structure of the balance sheets and operating statements of typical companies representing industries of the three groups, public utilities, industrials, and moneyed corporations. Particular attention is paid to the practical value of analysis for purposes of determining business policies. Prerequisite, Accounting 308-309. *Three hours credit.*

YOUNGSTOWN COLLEGE

308-309. **COST ACCOUNTING**—A study of the principles of cost finding for manufacturing accounts. The work covered includes appropriate problems and a set of cost accounting books. The topics developed include the three-fold division of costing, with explanation of material accounting, payroll records, and the principles of recording and applying manufacturing expense. Special topics cover standard costs, estimating, and comparative costs. Prerequisite, Accounting 302.

Three hours credit each semester.

310. **AUDITING**—A study of the methods of auditing, stressing the verification of balance sheets and operating statements. Particular attention is given to the analysis and use of prepared statements. The practical side is developed through a series of cases and reports. Prerequisite, Accounting 308-309.

Three hours credit each semester.

401, 402. **ADVANCED ACCOUNTING**—The course covers such subjects as insurance, reserves, records, branch accounting, affiliated companies and consolidations. Prerequisite, Accounting 308-309.

Three hours credit each semester.

403-404. **FEDERAL AND STATE TAXES**—This course covers such state taxes as domestic franchise, sales, use, and unemployment taxes. The federal group covers income, gift, estate, and capital stock taxes. Problems and actual tax returns are worked out as laboratory material for drill in the theory. Prerequisites, Accounting 401, 402.

Three hours credit each semester.

405, 406. **C. P. A. QUIZ**—It is assumed that candidates for this course are familiar with principles of accounting and related subjects. All types of accounting and auditing problems will be solved and discussed from standpoints of theory and practice. Special emphasis is placed on accuracy and clearness of solutions of such problems as are encountered in C. P. A. examinations. Lectures, tests, problems. Prerequisites, Accounting 310 and 401, 402.

Three hours credit each semester.

407. **SPECIALIZED ACCOUNTING**—A course dealing with the requirements of different types of business, such as department stores, foundries, flour mills, banks, insurance companies, and others. Prerequisite, Accounting 308-309.

Three hours credit.

ART

103-104. **POTTERY AND MODELING**—Making of shapes, coiling, hand-building, decoration, and glazing. Tiles, figures, heads, mold making, and casting in plaster. Practice in typical problems in relief and in the round.

Three hours credit each semester.

105, 106. **ADVERTISING ART**—Plain and fancy lettering. Attention to layouts, design, and color. Practical problems. Process in reproducing work, silk screen, linoleum block, photo bleach, monoprint, plain etching, soft-ground etching, drypoint. Current tendencies studied.

Three hours credit each semester.

110, 111. **COLOR AND DESIGN**—Color theories and harmonies. Creating of design, stylizing natural elements to develop design motifs, abstract design emphasizing forceful expressive shapes, application of design. Study of pattern construction. Discussion and study of the development of historical styles. Application to craft problems.

Three hours credit each semester.

ART

113-114. HISTORY OF ART—GENERAL—A survey of the history of architecture, sculpture, painting, and the minor arts from pre-historic periods to the present day, to prepare the student for analytical discrimination in his own experiences. Art appreciation. Lectures with lantern slides. Study of reproductions and of original collections in museums in this section.
Three hours credit each semester.

121. GRAPHIC ART—Drawing and painting with different media, such as, crayons, chalk, water color, show card paints, and oils to insure a broad knowledge of materials and ease in handling. Friezes, wall panels, stage scenery, illustrations made to fill some need. Work by children shown and analyzed. A portfolio of fine works of art collected as an enrichment to the student's background.
Two hours credit.

201, 202. PORTRAIT AND LIFE—DRAWING AND PAINTING—Beginners will work in black and white, advanced students in color. Fundamental and progressive study of form, line, and color. Work done in this class offers the foundation work necessary to many other specialized branches. Composition will receive special encouragement. Anatomical and structural organization stressed. In addition, all students will be encouraged to carry a sketch-book and to work as much as possible supplementing regular class work. This material may be brought into the class weekly for criticism.
Three hours credit each semester.

203, 204. DRAWING AND PAINTING—Principles of space division, light and shade, and their relation to form and pattern. Form thought as illuminated compared with form thought as having character. Color composition, experience with different media, pencil, charcoal, water color, opaque water color, and oil. Dealing with arrangements of still life, figures, landscape, and illustration to develop a sense of plastic composition.
Three hours credit each semester.

206. HISTORY OF ART—ITALIAN RENAISSANCE—After a short survey of Byzantine art, this course will consider in greater detail the work of the great figures in the major arts during the fourteenth, fifteenth, and sixteenth centuries in Italy, and their connection with the history and philosophy of the times. Assignments. Lectures with lantern slides. Study of reproductions and of original collections in museums in this section. Prerequisite, Art 113-114.
Three hours credit.

207. HISTORY OF ART—MODERN ART—To follow course 206. A brief survey of the Italian Renaissance, its causes, achievements, and ideals. The study of European and American art from the sixteenth century to the present day in relation to the history and philosophy of the times. Lectures with lantern slides. Study of reproductions and of original collections in museums in this section. Prerequisites, Art 113, 114, 206.
Three hours credit.

208, 209. ADVANCED MODELING—This course includes the completion of designs in a manner corresponding to practical studio work. Study of abstract volumes, creative design, and abstract design. Modern tendencies in pottery forms and figure work. Prerequisites, Art 103, 104.
Three hours credit each semester.

211, 212. ADVANCED COLOR AND DESIGN—Appreciation of design of the highest order. Emphasis on fine relationships of tone, line, and color. Design as intellectually understood and as emotionally felt. Psychological theory of color. Color systems. New tendencies in pattern construction.
Three hours credit each semester.

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215, 216. **ADVANCED ADVERTISING ART**—Study of modern layout practice and technique of rendering in different media. Special work in silk screen, air brush, lithograph. Special assignments, book plates, trade marks, packaging, booklets. Rapid and fine execution of lettering.

Three hours credit each semester.

221. **DESIGN**—Study of structural and decorative design. Making simple motifs and repeat patterns. Color study. Lettering as design. Application of design principles to textiles, pottery, metal, weaving, and the decoration of tin and glass objects. Children's design and craft work shown.

Two hours credit.

301, 302. **DRAWING AND PAINTING FROM LIFE — ADVANCED**—Continuation of Art 201, 202.

Three hours credit each semester.

303, 304. **ADVANCED DRAWING AND PAINTING**—Emphasis on organization, with actual spatial composition. To develop the power to see significantly rather than imitatively. Explorative methods encouraged. Figures, landscape, and still life. Prerequisites, Art 203, 204.

Three hours credit each semester.

307, 308. **LANDSCAPE, STILL-LIFE, AND FIGURE COMPOSITION**—The class will work out-of-doors when weather permits; otherwise, beginning students will paint still-life, and advanced students still-life or figure composition. There is no better practice work for the art student than still-life painting which teaches him to see and express the true elements of form, just relationship of value, and harmony of color. An effort will be made to develop the student's creative ability in composition. He will be encouraged to search out his own material by actual observation and to make use of this knowledge through his own method of expression. Students will be instructed and guided individually so that they may attain professional standing in the shortest possible time. Prerequisite, Art 203, 204.

Three hours credit.

321. **THE TEACHING OF ART**—Materials and Methods. A study of the art needs of children at different age levels and the means of providing desirable art experiences. The contribution of art to the elementary course of study. Objectives and procedures evaluated from the standpoint of the growth of the child. Contact with children's work and working situations in the classroom.

Two hours credit.

ASTRONOMY

201. **ASTRONOMY**—A descriptive and non-mathematical study of the stars and the solar system. An analysis of the present theories of the universe and some observational sessions with telescope or field glass.

Three hours credit.

BIBLE AND RELIGIOUS EDUCATION

101. **THE LIFE OF CHRIST**—This course is based on the four gospels, with particular attention to one of them. The student is encouraged to think and evaluate for himself the unique personality of Jesus.

Two hours credit.

BIBLE, BIOLOGY

102. THE APOSTOLIC AGE—The aim of the course is to enable the student to grasp the significance of the progress of Christianity. The study will deal with the Acts of the Apostles and certain of the epistles. The work and teachings of St. Paul will be considered in their relation to the development and activity of the early church. (1940-41)

Two hours credit.

103. A FAITH FOR TODAY — This course seeks to give the student an intelligent background for a reasonable and wholesome faith. To face squarely such questions as the meaning of life, of man, and of God.

Two hours credit.

104. OLD TESTAMENT—This course traces the Old Testament record from Genesis to the return from captivity. Special attention is given to the Patriarchal age, the deliverance of Israel from bondage, the Mosaic laws, the institution of the Hebrew system of worship, the conquest and division of Canaan, the captivities and return therefrom. The historical background of the surrounding nations, the historical geography of Palestine, and the results of recent archaeological research are touched upon, especially as these help to unfold the history of the period. (1941-42)

Two hours credit.

BIOLOGY

Study leading toward the following professions may be obtained in this department: Teaching, research, medical science (dentistry, medical technology, medicine, veterinary medicine), wildlife conservation and related agricultural sciences, and nature counseling. An introduction to the science of man may be obtained in physical anthropology, human physiology, and genetics.

All of the four-hour courses are taught as correlated "lecture-laboratory" courses. The three-hour courses are demonstration courses.

101-102. GENERAL BIOLOGY—Introduction to the study of living organisms. Fee, \$5.00 each semester.

Four hours credit each semester.

201. BOTANY I—Structure and functioning of plants. Prerequisite, Biology 101-102. Fee, \$5.00. (1941-42)

Four hours credit.

202. BOTANY II—Classification of plants and their relation to their surroundings. Prerequisite, Biology 101-102 and by permission of instructor. Fee, \$5.00. (1941-42)

Four hours credit.

210. ZOOLOGY I—The invertebrate animals. Prerequisite, Biology 101-102. Fee, \$5.00.

Four hours credit.

211. ZOOLOGY II—The vertebrate animals. Prerequisite, Biology 101-102 and by permission of instructor. Fee, \$5.00.

Four hours credit.

220. PHYSICAL ANTHROPOLOGY—The biology of man as regards his evolution, affinities, life cycle, and races. Prerequisite, Biology 101-102. Fee, \$2.00.

Three hours credit.

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230. HUMAN PHYSIOLOGY—Human functioning. Prerequisites, Biology 101-102, and a knowledge of elementary chemistry. Fee, \$2.00.
Three hours credit.

301. BACTERIOLOGY—Introduction to the study of bacteria. Prerequisites, Biology 101-102, and a knowledge of the principles of inorganic and organic chemistry. Fee, \$10.00. (1941-42)
Four hours credit.

305. PARASITOLOGY—The protozoan, helminth, and arthropod parasites of man and other animals. Prerequisite, Biology 210. Fee, \$5.00. (1941-42)
Four hours credit.

306. ENTOMOLOGY—Introduction to the study of insects. Prerequisite, Biology 210. Fee, \$5.00. (1940-41)
Four hours credit.

310. VERTEBRATE ANATOMY—Comparative study of the structure of vertebrate organ systems. Prerequisite, Biology 211. Fee, \$7.00. (1940-41)
Four hours credit.

311. VERTEBRATE EMBRYOLOGY—Comparative study of the early developmental stages of the vertebrates. Prerequisite, Biology 211. Fee, \$5.00. (1940-41)
Four hours credit.

312. VERTEBRATE HISTOLOGY AND HISTOLOGICAL TECHNIQUE—Structure of vertebrate tissues, including the preparation of tissues for microscopic examination. Prerequisite, Biology 211. Fee, \$10.00. (1941-42)
Four hours credit.

320. GENETICS—Principles of inheritance, organic evolution, and eugenics. Prerequisite, Biology 101-102 and by permission of instructor. Fee, \$2.00. (1940-41)
Three hours credit.

401. BIO-ECOLOGY—Study of representative biotic communities. Adequate preparation in the physical and biological sciences; by permission of instructor. Fee, \$3.00. (1941-42)
Three hours credit.

402. HISTORY OF BIOLOGY—By permission of instructor. (1940-41)
Three hours credit.

BUSINESS EDUCATION

101. TYPEWRITING—Consists of advanced letter writing, legal papers, tabulating, filling in forms, and speed work. A speed of 30 words a minute is required for admission to this course and a speed of 50 words a minute must be attained for credit.
Four hours credit.

104-105. BOOKKEEPING—First semester, single proprietorship and partnership; second semester, corporation accounting.
Three hours credit each semester.

203. BUSINESS ENGLISH AND CORRESPONDENCE—This course includes a study of business terms; mechanics and fundamentals of effective letters; psychology of letter writing; practice in writing different types of letters, stock phrases, common errors, and business punctuation.
Three hours credit.

215. OFFICE MACHINES—A working knowledge of typical machines used in offices; such as, adding and calculating machines, dictaphone, mimeographing, and bookkeeping machines.
Three hours credit.

BUSINESS EDUCATION, BUSINESS ORGANIZATION

301. SHORTHAND—Beginning dictation and transcription. This course is planned for students who have completed the shorthand manual and speed study text. All students must pass the 60-word speed test and theory test for admission to this class. A speed of 80 words a minute must be attained for credit. *Four hours credit.*

302. SHORTHAND—Advanced dictation at 100 words per minute and transcription at the rate of 30 words per minute. Prerequisite, Business Education 301. *Four hours credit.*

403. OFFICE PRACTICE—Application of theory to practice; consists of typical office problems, dictation, transcription, copy-work, answering of letters, filling in forms, and discussion of office procedure. Prerequisite, Business Education 301. *Three hours credit.*

BUSINESS ORGANIZATION

101. PRINCIPLES OF BUSINESS—An introductory course in business administration which is designed to give the student information concerning the development of forms of business enterprises, management, relationship between employer and employee, credit, banking, and elementary accounting. *Three hours credit.*

201. BUSINESS LAW—This course is designed to give the student a practical working knowledge of contracts, agency, negotiable instruments, bailments, carriers, and sales. A study of legally binding agreements between persons, and their enforcement, including the making of a contract, the effect of fraud, duress, undue influence, etc. *Three hours credit.*

303. BUSINESS LAW—A study of the law of partnerships, corporations, property, bankruptcy, and insurance. The course covers wills, estates, and the relationship of debtor and creditor. Prerequisite, Business Organization 201. *Three hours credit.*

315. CORPORATION FINANCE—A study of promotion of new industries, capital structure of corporations, evolution of a business, working capital, surplus, dividends, voting trusts, investment trusts, public utilities, cooperative plans and reorganizations. *Three hours credit.*

322. CREDITS AND COLLECTIONS—This course deals with credit instruments and classes of credit. Also credit agencies, collection agencies, collections, collection methods, and the place of the credit man in business. Prerequisite, Economics 101. *Three hours credit.*

324. MARKETING—A general survey of the field of marketing. A study of marketing functions and policies and marketing institutions. Prerequisites, Economics 101 and Business Organization 101. *Three hours credit.*

325, 326. SALESMANSHIP—This course covers a knowledge of goods, study of customers and their wants, buying motives, planning a sale, attitudes of buyers, meeting objections, closing the sale, cultivation of personality, problems in sales management, sales organization, sales planning and research, and others. *One and one-half hours credit each semester.*

327. ADVERTISING PRINCIPLES—A survey study of advertising as an instrument of modern business, economics of advertising, advertising research, media, trade-marks, campaigns. A discussion of copy writing, type, layout, methods, and the psychology of advertising. *Two hours credit.*

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328. ADVERTISING PRACTICE—This course offers an opportunity for practical application of the principles taught in Advertising Principles. The work covers study of the product, selection of mediums, determination of appeals to be made and the amount of space desired, problems of writing copy, type faces and type problems, and layout of advertisements. Prerequisite, Business Organization 327. *Two hours credit.*

329. ADVERTISING COPY — An advanced course stressing the practical application of the subjects covered in Advertising Principles. Writing of newspaper, magazine, direct-mail and radio script copy is executed in class under skilled supervision. Advanced layout design is also presented comprehensively. Training aimed to develop all talents for writing. Prerequisite, Business Organization 328. *Two hours credit.*

330. INSURANCE—A general course covering the many different types of insurance, such as life, fire, tornado, windstorm, marine, workman's compensation, title, bonds, and many others. The course includes the fundamentals of rate making, reinsurance, organization and management of insurance companies, and legal interpretations of the insurance contract. *Three hours credit.*

CHEMISTRY

The courses offered in chemistry will enable the student not only to major in the subject and acquire the fundamental background necessary for graduate work, or specialized study, but also to take additional courses in the field of chemistry in which he is especially interested.

Chemistry majors studying for the degree of Bachelor of Arts are required to take the following courses: 109 or 111, 110 or 112, 203, 209, 304, 306, 311, 312, and 407. Those studying for the Bachelor of Science degree in chemistry are required to take the following courses in addition: 319, 320, 419, 421, and 401, 342, 343, or 404.

109-110. GENERAL CHEMISTRY—Two lectures and recitations and two two-hour laboratory periods each week. A study is made of the non-metallic elements and of the fundamental laws and principles of chemistry. For those who have not had chemistry in high school. Fee, \$5.00 each semester. *Four hours credit each semester.*

111-112. GENERAL CHEMISTRY—Hours and credits same as 109-110. A more advanced course in general chemistry for those who have had a satisfactory year's work in high school. Fee, \$5.00 each semester. *Four hours credit each semester.*

113-114. GENERAL CHEMISTRY—A course in general chemistry including work in qualitative analysis. For students not majoring in any phase of physical science. High school chemistry recommended as prerequisite. Fee, \$5.00 each semester. *Five hours credit each semester.*

CHEMISTRY

115. SURVEY OF ENGINEERING—Lectures, readings, and reports. The student is helped to see the profession of engineering in its entirety so he may better select the phase in which he is most interested and best fitted. *One hour credit.*

203. QUANTITATIVE ANALYSIS—Two lectures and recitations and nine hours laboratory each week. Gravimetric, volumetric, and colorimetric analysis. Prerequisite, Chemistry 209. Fee, \$7.00. *Five hours credit.*

209. QUALITATIVE ANALYSIS—Two lectures and eight hours of laboratory each week. A course in the systematic separation and detection of the more common cations and anions and also the determination of a number of salts. Considerable emphasis is placed upon the theory underlying the work. For chemistry majors. Prerequisite, Chemistry 109-110 or 111-112. Fee, \$7.00. *Five hours credit.*

211. QUALITATIVE ANALYSIS—One lecture and five hours of laboratory work each week. A course in the systematic separation and detection of the cations, including a study of the theory underlying the work. This course is designed for students who do not care for the full five-hour course and for those who wish to divide the qualitative work into two semesters. Prerequisite, Chemistry 109-110 or 111-112. Fee, \$5.00. *Three hours credit.*

212. QUALITATIVE ANALYSIS—One lecture and five hours of laboratory work each week. This course follows 211 and deals with the anions and salts. Prerequisite, Chemistry 211. Fee, \$5.00. *Three hours credit.*

217. QUANTITATIVE ANALYSIS—Two three-hour laboratory periods including one discussion. This course covers the gravimetric work of Chemistry 203. Prerequisite, Chemistry 209 or 212. Fee, \$7.00. *Three hours credit.*

218. QUANTITATIVE ANALYSIS—Two three-hour laboratory periods including one discussion. This course covers the volumetric work of Chemistry 203. Prerequisite, Chemistry 209 or 212. Fee, \$7.00. *Three hours credit.*

304. ORGANIC CHEMISTRY—Five lectures and recitations each week. A study is made of the nomenclature, properties, and deportments of the aliphatic and aromatic carbon compounds. The last hour of work of the course is devoted to a more intensive study of general organic reactions, their applications and the theories underlying them. Students other than those majoring in chemistry or chemical engineering may omit this part of the work and receive four hours credit. Prerequisite, Chemistry 209. *Five hours credit.*

306. ORGANIC CHEMISTRY—Three three-hour laboratory periods each week which include one discussion period. The work consists of the preparation and study of typical aliphatic and aromatic compounds. Prerequisite or concurrent, Chemistry 304. Fee, \$7.00. *Three hours credit.*

308. ORGANIC CHEMISTRY—Three hours of laboratory work each week with references. Advanced organic preparations. Prerequisite or concurrent, Chemistry 306. Fee, \$3.00. *One hour credit.*

311-312. PHYSICAL CHEMISTRY — Three lectures and recitations each week. A course in the principles of theoretical chemistry, including the study of: The structure of matter, equilibria, chemical kinetics, chemical thermodynamics, electro-chemistry, catalysis, and mechanism of reaction. Problem work is included. Prerequisite, Chemistry 209. Prerequisite or concurrent, Mathematics 209-210 and Physics 201-202. *Three hours credit each semester.*

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315. BIOLOGICAL CHEMISTRY—Three lectures and recitations. A course designed to follow general organic chemistry for those students interested in the biological sciences and medicine. Prerequisite, Chemistry 304. (1941-42) *Three hours credit.*
317. BIOLOGICAL CHEMISTRY—One hour discussion and five hours laboratory work each week. A laboratory course to accompany or follow Chemistry 315. Fee, \$5.00. (1941-42) *Two hours credit.*
- 319-320. PHYSICAL CHEMISTRY—Two three-hour laboratory periods each week including one discussion period. Quantitative investigation of gas laws, surface tension, speed of reaction, solutions, phase diagrams, electromotive force, hydrogen ion concentration, and absorption. Prerequisite or concurrent, Chemistry 311-312. Fee, \$5.00 each semester. *Two hours credit each semester.*
323. METALLURGY, NON-FERROUS — Two lectures and recitations each week. A study of the sources and content of non-ferrous ores, the design and operation of various metallurgical furnaces, extraction and refining methods, properties and uses of the metals and their alloys. Prerequisite, Chemistry 203. *Two hours credit.*
324. METALLURGY, FERROUS — Two lectures and recitations each week. A study of iron and steel, beginning with location of ore bodies and following through various processes to the salable product. The study includes construction of furnaces, smelting, and refining operations; fuels, refractories, and fluxes used; temperature measurements, mechanical operations, and value and uses of finished product. Prerequisite, Chemistry 203. *Two hours credit.*
325. METALLURGY, NON-FERROUS—Two three-hour laboratory periods each week including one discussion period. The work includes the making and study of cooling curves of pure metals, making and calibration of thermocouples, and the building of phase diagrams of the lower melting alloys. Prerequisite or concurrent, Chemistry 323. Fee, \$7.00. *Two hours credit.*
326. METALLURGY, FERROUS — Two three-hour laboratory periods each week including one discussion period. A laboratory course designed to familiarize the student with the physical properties of iron and steel. Experiments are performed to determine the effects of heat treatment, hot work, cold work, and the relation of the phase diagram to such effects. The work is supplemented with plant visits. Prerequisite or concurrent, Chemistry 324. Fee, \$7.00. *Two hours credit.*
342. METALLURGICAL ANALYSIS — One lecture and two three-hour laboratory periods each week. A qualitative and quantitative analysis of natural ores, commercial alloys, and fluxes. Prerequisite, Chemistry 203. Fee, \$5.00. *Three hours credit.*
343. GAS AND FUEL ANALYSIS—One lecture and two three-hour laboratory periods each week. The work consists of the analysis of natural and artificial gases, gas calorimetry, analysis and calorimetry of coal, and the analysis and physical testing of oils. Prerequisite, Chemistry 203. Fee, \$5.00. *Three hours credit.*
401. ADVANCED QUANTITATIVE ANALYSIS—Six or nine laboratory hours which include one discussion period. The work includes colorimetric, turbidimetric, and hydrogen ion determinations. Prerequisite, Chemistry 203 or its equivalent. Fee, \$5.00 to \$9.00. *Two to four hours credit.*

CHEMISTRY

404. ORGANIC ANALYSIS—Twelve laboratory hours each week including one discussion period. The work is a study of systematic methods of separation, purification, and identification of organic compounds, and practice in the standard methods for the quantitative analysis of organic compounds. Prerequisite, Chemistry 306. Fee, \$9.00. (1940-41)

Four hours credit.

407. CHEMICAL LITERATURE—Examination of reference books, periodicals, pamphlets, etc., pertaining to chemistry, by means of searching for material on particular phases. Progress reports. Practice in writing articles for popular and for scientific reading, and in writing abstracts. One hour class work a week. Open to juniors and seniors majoring in chemistry.

One hour credit.

408. HISTORY OF CHEMISTRY—Survey of the origin and development of chemical theory and practice from ancient times to the present. One hour class work a week of reports, recitations, and lectures. Open to juniors and seniors majoring in chemistry.

One hour credit.

415. ELECTRO-CHEMISTRY—Two lectures and two three-hour laboratory periods each week. The fundamental principles and applications of electro-chemistry are considered and correlated laboratory experiments are carried out. Open to juniors and seniors who have had Chemistry 203. Fee, \$5.00.

Four hours credit.

419. ADVANCED INORGANIC CHEMISTRY—Two lectures and recitations each week. An advanced course in inorganic chemistry stressing the more difficult points of theory. Prerequisite, Chemistry 209. (1940-41)

Two hours credit.

421. ADVANCED ORGANIC CHEMISTRY—Two lectures and recitations each week. An advanced course in theory of organic chemistry. Prerequisite, Chemistry 304. (1940-41)

Two hours credit.

423. METALLOGRAPHY, FERROUS—Two lectures and one three-hour laboratory period. A study of the alloys of iron, including the microscopic examination of these alloys and a study of the cooling curves and diagrams and determining the correlation of mechanical work, heat treatment and physical properties with physical and chemical structure. Prerequisite, Chemistry 326. Fee, \$7.00.

Three hours credit.

424. METALLOGRAPHY, NON-FERROUS — One lecture and two three-hour laboratory periods each week. A study of the underlying theories of the solidification of non-ferrous metals and alloys, alloy types, and the phase rule and its application to the phase diagram. Microscopic examination is made of the non-ferrous alloys. Prerequisite, Chemistry 326. Fee, \$7.00.

Three hours credit.

450. GROUP RESEARCH—A research course for seniors of outstanding ability who are candidates for the Bachelor of Science degree. Two to four students work on the same problem. Prerequisites: The completion of at least thirty semester hours of chemistry with a B average or better including General Chemistry, Qualitative Analysis, Quantitative Analysis, Organic Chemistry, and Physical Chemistry. The approval of the head of the department of chemistry must also be secured.

Hours and credits arranged.

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CLASSICAL LANGUAGES

Any of the courses listed will be offered whenever there is sufficient demand. Additional work in Greek is available for students who desire it.

Latin

101-102. ELEMENTARY LATIN — Grammar, composition, and translation. In the second semester a considerable amount of easy Latin will be read. This course is intended for those who have not studied Latin in high school. (Not offered in 1940-41)

Three hours credit each semester.

203-204. LATIN POETRY—The reading in this course will be devoted principally to the works of Avid and Vergil. Supplementary exercises in grammar and composition will be adapted to the needs of the individual group. Prerequisite, two or three years of high school Latin.

Three hours credit each semester.

305-306. LATIN LITERATURE—A survey course consisting of the reading of selections in prose and verse from the more important writers of all periods. Prerequisite, Latin 204 or four years of high school Latin.

Three hours credit each semester.

307. HORACE—Selections from the Satires and Epistles.

Three hours credit.

308. LATIN COMEDY—Selected plays of Terence and Plautus.

Three hours credit.

Greek

101-102. ELEMENTARY GREEK — Grammar and exercises in translation. In the second semester selections will be read from Attic prose writers or from the Greek New Testament. This course is intended not only for those who desire to take up the study of Greek literature but also for those who wish to become familiar with the Greek element in the English vocabulary. Alternates with Greek 203-204. (1940-41)

Three hours credit each semester.

203-204. GREEK PROSE AND POETRY—Selections from Xenophon, Plato or Lucian and from Homer's Odyssey. A play of Euripides will also be read. Alternates with Greek 101-102. (1941-42)

Three hours credit each semester.

ECONOMICS

101, 102. PRINCIPLES OF ECONOMICS — This is the introductory course in economics, prerequisite to all other courses in the department. It attempts to familiarize the student with economic terminology, and with some of the characteristics of contemporary economic life. The fundamental principles of capitalism are studied and compared with the basic principles of rival economic systems.

Three hours credit each semester.

ECONOMICS, EDUCATION

104. ECONOMIC GEOGRAPHY—An elementary survey of the raw materials of the earth, methods of livelihood, land utilization, and population problems. *Three hours credit.*

207. FINANCIAL ORGANIZATION—The aim of the course is two-fold; first, to furnish a foundation for the more technical studies in the field of finance; and second, to describe the financial institutions with which the average person comes in contact in life, such as the commercial bank, building and loan association, finance company. Prerequisite, Economics 101, 102. *Three hours credit.*

MARKETING—See Business Organization 324.

303. ECONOMIC HISTORY OF THE UNITED STATES—A study of the influence of economic forces on the evolution of our national life and their effect upon our religious and social development. Prerequisite, Economics 101, 102. *Three hours credit.*

304. PUBLIC FINANCE—A survey of the development and present status of public finance: federal, state, and local taxation; public credit; the budget; financial administration. Prerequisite, Economics 101, 102. *Three hours credit.*

401. LABOR PROBLEMS—A historical and critical study of the labor movement in this country and in England, with special emphasis on the structure and functions of trade unions at the present time. Prerequisite, Economics 101, 102. *Three hours credit.*

402. SYSTEMS OF REFORM—Russian communism, German nazism, and Italian fascism are studied as rivals of American capitalism. Prerequisite, Economics 101, 102. *Three hours credit.*

408. ECONOMIC THEORY—A course for seniors majoring in economics. A part of the course is concerned with the history of economic theory. This is followed by a study of several leading economists of the present time, and an introduction to some of the significant writings in the field. Prerequisite, Economics 101, 102. *Three hours credit.*

EDUCATION

Students who expect to teach in high school or elementary school should consult with the head of the department of education to ensure that their plans for professional preparation are satisfactory. They are urged to participate in extra-curricular activities while in college in order that they may be qualified to direct such activities in the public schools.

101. INTRODUCTION TO EDUCATION—Designed to be the first professional course for prospective teachers. It includes observation in pre-school, elementary, junior and senior high school, and special classes; thereby having definite guidance value and furnishing background for later professional courses. Class discussions will be devoted to an analysis of desirable personality traits, personal and social ends derived from teaching, placement opportunities, preparation requirements, and observations. *Three hours credit.*

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213. THE TEACHING OF READING—A study of the principles and techniques of teaching reading, and the purpose of reading as a functional part of the day's activities. Attention will be given to oral, silent, and audience reading, and to diagnostic and remedial measures.

Three hours credit.

301. PRINCIPLES OF TEACHING—A study of general methods of high school teaching; typical classroom procedure, the methods utilized by superior teachers, attention to individual differences, measuring the results of teaching, planning the instruction. Observation of teaching in high schools. Open to juniors and seniors.

Three hours credit.

304. CLASSROOM ADMINISTRATION, ORGANIZATION, AND MANAGEMENT—A study of problems of classroom control, attendance, organization, curriculum, program, procedure, and of extracurricular activities, in the light of a modern philosophy of education. Observation of teaching in high schools. Open to juniors and seniors.

Three hours credit.

306. EDUCATIONAL MEASUREMENT AND GUIDANCE—A study of the construction, administering, scoring, and interpreting of the new type objective examination; the selection, administering, scoring and interpretation of results of standardized tests and scales, and their use in vocational and educational guidance. Open to juniors and seniors. Fee, \$1.00. (1941-42)

Two hours credit.

306A. EDUCATIONAL MEASUREMENT, GUIDANCE, AND STATISTICS—The same as Education 306, with the addition of a study of elementary statistics as applied to educational data. Fee, \$1.00.

Three hours credit.

307. HISTORY OF EDUCATION—A study of the historical development of educational organizations, objectives, curricula, and methods with special reference to a better understanding of modern educational conditions and problems. The place of education in various civilizations, especially our modern Western civilization, is studied. This course may be counted also on a major or minor in history. Open to sophomores, juniors, and seniors. (1940-41)

Two or three hours credit.

308. EDUCATIONAL SOCIOLOGY—A study of sociological foundations of education: the relation of the individual and the social group, the school as a social institution, the relations of the home, the community, and the state and education, the relations of social control, social progress, democracy, efficiency, and culture and education; and a study of the social aspects of specific school problems: the selection of educational objectives, the educative process, the curriculum, educational guidance, school control, moral education, and the selection and improvement of teachers. This course may be counted on a major or a minor in sociology. Open to sophomores, juniors, and seniors. (Summer)

Three hours credit.

313. THE TEACHING OF SKILLS—Principles effective in the learning of skills will be studied and applied to the teaching of materials drawn from the skill phases of spelling, arithmetic, writing, and language.

Three hours credit.

314. THE TEACHING OF CONTENT SUBJECTS — Principles effective in the learning of content subjects will be studied and applied to material drawn from history, geography, and other content phases.

Three hours credit.

EDUCATION

400. SPECIAL METHODS—A study of problems involved in the teaching of different high school subjects. Each student will specialize on the subject of his special interest. Observation of teaching in public secondary schools; reports; term paper. Each student will have a conference each week with the head of the department of his major teaching subject. At least one-fourth of the instruction in the course will be given by that department head or by some teacher appointed by him. Prerequisite, Education 301. Open to seniors.

Two hours credit.

401. PRINCIPLES OF EDUCATION—This course is required for elementary teachers and is elective for secondary teachers. It develops an analysis of current education, its aims, its sources, its strengths and weaknesses. The current practices will be traced to the great contributors, from Pestalozzi and Froebel to the modern group. The course aims to make the contributors real personalities, the threads of their influence shown in the warp and woof of modern education. However, the personalities should not obscure the principles. The focus will be on the means by which modern education promotes the growth of the whole child in a democratic society.

Three hours credit.

404. SUPERVISED STUDENT TEACHING—Observation and teaching of high school classes under the direction and guidance of supervisors. Students meet in class one period each week for announcements and to discuss problems. Conferences with the instructor or the critic teacher will be scheduled or on call. To take this course students must make written application on the form provided for this purpose during the previous semester, and must have the unqualified approval of the heads of the departments in which he is specializing for the purpose of teaching, and of the head of the department of education. He must also present a statement from the English department certifying that his use of oral and written English is of the quality satisfactory for high school teaching. He

should maintain a quality point average not lower than 2.00 in his major and minor teaching fields and not lower than 1.5 in all of his college work. No student will be admitted to this course whose centile rank is lower than thirty-four in the Ohio State University Psychological Test or lower than forty in the American Council on Education Cooperative English Test. It is understood, however, that the actual classroom teaching must be satisfactory; otherwise, it may be discontinued at any time. Open to approved seniors during their last semester in college. Fee, \$10.00.

Three hours credit.

404A. SUPERVISED STUDENT TEACHING AND APPRENTICESHIP—Admission to this course is on the same basis as admission to Education 404. Three semester hours of credit will be earned in student teaching. The additional two or three semester hours of credit will be earned as an apprentice teacher under the direction of the principal of the high school to which the student is assigned or some person designated by him. The apprentice teacher may be assigned to do substitute teaching, study hall supervision, office work, pupil personnel work, observation of teaching, research work, or anything that a regular teacher might be expected to do. Open to approved seniors during their last semester in college. Fee, \$10.00.

414. CHILDREN'S LITERATURE—Designed to acquaint the student with children's literature, and to consider methods of helping children to use and enjoy books. Emphasis will be placed upon the reading of recent books. Attention will be given to the principles of selection, historical development, methods, authors, and illustrators. Visits will be made to book departments, libraries, and classrooms.

Three hours credit.

EDUCATIONAL PSYCHOLOGY—See Psychology 202.

YOUNGSTOWN COLLEGE

ENGINEERING DRAWING

101, 102. PRINCIPLES OF ENGINEERING DRAWING—Four two-hour periods each week; detail mechanical drawing; machine assembly and layout; lectures on designing, calculations made by the slide rule; analysis of stresses in joints; determining stresses in members of trusses by the methods of moments and graphics and the design of same; second semester,

perspective projection followed by twelve weeks of "drawing board geometry" involving a study of points, lines, planes, etc., in space, dealing with all of the principles of descriptive geometry, but approached through the language and symbols used in mechanical engineering drawing.

Four hours credit each semester.

201, 202. ENGINEERING DRAWING—Application of the principles of mechanical and structural designing to advanced problems. Elements of surface development as applied to practical designs of specially shaped tanks, and sheet metal development; assembly and detail of special equipment; cam and gear development including sprocket, bevel, worm and helical gearing; welded structural objects and replacement of castings by welded machine parts; design of punching and drawing dies; pictorial representation by isometric principles; mill and shop building layout and detail both steel and wooden construction.

Three hours credit each semester.

ENGLISH

English majors are expected to complete English 205, 206; 351-352; and Speech 115. Students who plan to teach high school English must complete courses 205 or 206; 351-352; and two courses in English literature which include the study of poetry and prose. English 101-102 or the equivalent is prerequisite to all other English courses.

101-102. ENGLISH COMPOSITION—A study of the elementary principles of composition, to teach the habits of clear and correct expression. Reading of models, writing of themes, class discussions, and personal conferences. Required of all Freshmen.

Three hours credit each semester.

103-104. ENGLISH COMPOSITION—This is the same course as English 101-102 except that it meets five periods a week. It is designed to meet the requirements of those students who are seriously deficient in English fundamentals.

Three hours credit each semester.

203, 204. SURVEY OF ENGLISH LITERATURE—A study of the masterpieces of English prose and poetry, with emphasis on forms and backgrounds.

Three hours credit each semester.

205, 206. SURVEY OF AMERICAN LITERATURE—First semester: Colonial times to 1860. Second semester: Civil War to the present.

Three hours credit each semester.

213. JOURNALISM—News writing and reporting, page make-up, editorial writing, theory and practice. Studies of form, content, purpose, and ethics of journalism. This course is designed to meet the need for a motivated, advanced English course. (1941-42)

Three hours credit.

ENGLISH

251. CONTEMPORARY AMERICAN ENGLISH—A brief survey of the earlier development of the English language followed by a more thorough study of contemporary American pronunciation and usage. This course is intended for students not majoring in English and should prove particularly helpful to teachers. English majors should take English 351-352. (Summer)
Three hours credit.

English 203, 204 is normally the prerequisite for the advanced courses in English literature. Under special circumstances, however, the head of the English department may waive this requirement.

351-352. HISTORY OF THE ENGLISH LANGUAGE—A survey of the development of the language from Old English to Modern English, with an intensive study of Modern English sounds, inflections, syntax, word meanings, and usage.
Three hours credit each semester.

353. ADVANCED COMPOSITION—A course in writing for mature students. Opportunity will be given for the development of creative ability. This course will be conducted entirely through conferences with the instructor. Registration only by permission of the instructor. (This course will not be listed in the schedule announcement, but students may register for it at the beginning of any semester.)
Three hours credit.

361. ENGLISH NON-DRAMATIC LITERATURE OF THE SIXTEENTH AND SEVENTEENTH CENTURIES — A study of the more important works in prose and verse from the early humanists to the death of Dryden. Particular attention will be given to such men as Lyly, Sidney, Spencer, Bacon, Milton, Butler, and Dryden. (1941-42)
Three hours credit.

363. ENGLISH LITERATURE OF THE EIGHTEENTH CENTURY—A study of English literature from the reign of Anne to the Romantic period, with attention to such major figures as Defoe, Addison, Steele, Pope, Swift, Johnson, Goldsmith, Boswell, Gibbon, and Burns. Prerequisite. (1941-42)
Three hours credit.

365, 366. ROMANTIC PERIOD — First semester: Prose—Lamb, Hazlitt, Hunt, DeQuincey, and Landor. Second semester: Poetry—Wordsworth, Coleridge, Scott, Byron, Shelley, Keats. (1940-41)
Three hours credit each semester.

367. VICTORIAN LITERATURE I—A study of the principal literary figures to about 1870, including Macaulay, Carlyle, Tennyson, Browning, Dickens, Thackeray, Ruskin, Eliot, and Arnold. (1941-42)
Three hours credit.

368. VICTORIAN LITERATURE II—A study of the principal literary figures to about 1914, including Rossetti, Morris, Swinburne, Meredith, Hardy, Shaw, Conrad, Galsworthy, and Wells. (1941-42)
Three hours credit.

371. CHAUCER AND HIS PERIOD—Reading of Chaucer's principal works, and a brief survey of his predecessors, contemporaries, and successors. (1940-41)
Three hours credit.

373, 374. SHAKESPEARE—An intensive study of Shakespearean drama and its relation to the life and literature of Elizabethan England.
Three hours credit each semester.

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381. THE ENGLISH NOVEL—A study of the history and development of the novel in England during the eighteenth and nineteenth centuries. (1940-41) *Three hours credit.*

383. HISTORY OF ENGLISH DRAMA—A survey of English drama from the sixteenth century to the nineteenth, excluding Shakespeare. Emphasis will be mainly on the works of Elizabethan and Restoration writers. (1940-41) *Three hours credit.*

385. MODERN DRAMA SINCE 1870—A survey of the field of modern drama, particularly the one-act play. Emphasis on appreciation, structure, and laws of English, Irish, and American productions. (1940-41) *Three hours credit.*

Speech

115, 116. FUNDAMENTALS OF SPEECH—This course aims to develop self-expression through the medium of mind, body, and voice. The attainment of this objective is sought by a study of proper speech habits and practice in the delivery of numerous extemporaneous and memorized speeches. *Two hours credit each semester.*

118. CHORAL SPEAKING—An introductory course in the art of group interpretative reading. The course is designed to help the student develop a greater appreciation of poetry and to acquaint the student with the technique of directing and participating in a speech choir. Particularly recommended for prospective teachers. *Two hours credit.*

The prerequisite for all speech courses numbered 200 or above is Speech 115, 116.

215, 216. PUBLIC SPEAKING AND ORAL INTERPRETATION—An adaptation of Speech 115, 116 to upperclass levels. Those who are interested may concentrate on oral interpretation. *Two hours credit each semester.*

217. RADIO PUBLIC SPEAKING—A course designed to apply the essential principles of effective public speaking to the art of radio technique. The course includes: a review of the essential principles of effective public speaking and the adaptation of these principles to the demands of modern radio; elementary principles of transmission and reception; an explanation of studio facilities; the use of studio equipment; the preparation of continuity; microphone technique; radio dramatics, and actual broadcasting. Repeated second semester. *Two hours credit.*

219, 220. PLAY PRODUCTION—The purposes of this course are threefold: to create an interest in the legitimate drama and an appreciation for it, particularly as it is found in the little theaters of today; to acquire a knowledge of the processes used in producing such dramas; and to gain some practical experience in producing plays in class and for the public. This course may be entered at the beginning of either semester. *Three hours credit each semester.*

313. PRACTICAL PUBLIC SPEAKING—A practical course in the effective construction and delivery of business talks. The student is frequently required to deliver short talks before the class. This course is of especial interest to professional and business men. Repeated second semester. *Two hours credit.*

FRENCH

Students of Youngstown College who are adequately proficient in French may pursue the studies of their junior year at the University of Grenoble in France, attending the regular courses for foreign students which are offered by that university. The work consists of lectures on French language, literature and civilization by professors at the university, supplemented by individual discussions and assignments under the direction of M. A. Duraffour, professor of French Philology at the Faculty of Letters. Credit for work done is entered as an integral part of the student's record at Youngstown College. Further information in regard to these courses may be had upon request from the department of modern languages.

101-102. ELEMENTARY FRENCH—Fundamental principles of grammar and extensive reading in simplified texts, for the purpose of preparing the student to read at sight simple French of minimum vocabulary content. *Three hours credit each semester.*

203. INTERMEDIATE FRENCH—Modern short stories and plays are read and discussed in French. Grammar is reviewed in connection with an elementary composition book. Prerequisite, French 102 or two years of high school French. *Three hours credit.*

204. INTERMEDIATE FRENCH—A continuation of French 203. The texts in this course are chosen with a view to their value as an introduction to the study of French literature and civilization. Prerequisite, French 203 or three years of high school French. *Three hours credit.*

The prerequisite for the following courses is French 204, four years of high school French, or the consent of the instructor.

325. ADVANCED FRENCH GRAMMAR—A review of the essential rules of French grammar with particular stress on generic differences between French and English especially as regards the verb. (1942-43) *Three hours credit.*

326. FRENCH CIVILIZATION—A summary study of the geography, history, and traditions of contemporary France with a view to facilitate the reading of modern books and periodicals. (1942-43) *Three hours credit.*

327. COURS DE STYLE—Through practice in translating English literary selections into French and passages from French masterpieces into literary English a study is made of the relative differences in expression between the two languages. (1940-41) *Three hours credit.*

328. FRENCH LITERARY TRADITION—A brief survey of the principal significant writers of France together with the reading of selections from the great masterpieces of French literature. (1940-41) *Three hours credit.*

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329. CONVERSATIONAL FRENCH—One hour a week is spent in systematic drill on the elements of a good pronunciation. The other two hours are devoted to practice in conversation based on exercises in composition. (1941-42) *Three hours credit.*

330. CONTEMPORARY FRENCH LITERATURE—A study of Modern France in the writings of such contemporaries as Duhamel, Gide, Giraudoux, Romain, Valéry, and others. (1941-42) *Three hours credit.*

411. COMPARATIVE GRAMMAR OF THE ROMANCE LANGUAGES—The morphology and syntax of modern French is studied in connection with those of any other Romance language in which the student may be interested. (Summer) *Three hours credit.*

GEOLOGY

101, 102. HISTORICAL GEOLOGY AND PHYSIOGRAPHY—Economic and physical geology the first semester. Field trips. Rocks and minerals for indoor study. Historical geology, second semester. Collection and study of fossils. Spring field trips. Application of geology to industry and to world building in both semesters. *Two or three hours credit each semester.*

205, 206. FIELD STUDY—Open to students who have taken geology and desire to extend their scholastic background to local conditions. The strata underlying Youngstown; the fossils of Mahoning County, glacial terminal moraines, kames, drumlins and eskers; pre-glacial drainage; faults; anticlines and synclines; coal; limestone; clay and oil formations; flood plains and terraces of the Mahoning Valley; the geology of Mill Creek Park. *One or two hours credit each semester.*

GERMAN

101-102. ELEMENTARY GERMAN—Introduction to the fundamental principles of grammar, drill in the declensional forms of nouns and adjectives together with elementary conversation and the reading of easy prose and poetry. *Three hours credit each semester.*

203. INTERMEDIATE GERMAN—Elementary composition based on a review of the essentials of grammar. The reading material for this course is chosen with the double purpose of furnishing a basis for the further study of German literature and providing those who wish to do technical reading with a working knowledge of the modern language. Prerequisite, German 101-102 or two years of German in high school. *Three hours credit.*

204. INTERMEDIATE GERMAN—A continuation of German 203. Reading of texts of increasing difficulty accompanied by conversation and exercises in composition. Prerequisite, German 203. *Three hours credit.*

305, 306. SCIENTIFIC AND CONVERSATIONAL GERMAN—Composition and conversation, including teaching of elementary German. Prerequisite, German 204. *Three hours credit each semester.*

GREEK

See Classical Languages.

HISTORY

105, 106. HISTORY OF EUROPE SINCE THE FALL OF ROME—A survey of European civilization from the fall of Rome in 476 through the Middle Ages, the Renaissance, and the Modern Era to the present day.

Three hours credit each semester.

201. HISTORY OF THE UNITED STATES TO 1850—A study of the general political, social, and economic developments of the United States from the beginning of our history to the middle of the nineteenth century. Designed for sophomores.

Three hours credit.

202. HISTORY OF THE UNITED STATES SINCE 1850—A continuation of History 201, giving special emphasis to the causes of the Civil War and the period which followed.

Three hours credit.

215-216. THE CONSTITUTIONAL HISTORY OF ENGLAND—The unfolding of Anglo-Saxon governmental and legal institutions from early Germanic times to the present day. Development of the court system, common law, representative government, the cabinet system, and imperial federation. Especially recommended to students of law and political science.

Three hours credit each semester.

217. THE EXPANSION OF EUROPE—A comprehensive survey of the spread of European people and power over most of the world. History of the colonial problem and imperialism.

Three hours credit.

301. CONTEMPORARY GERMANY AND FRANCE—The French Revolution, 1789, and Central Europe; the geographic and economic situation in France and Germany; a brief sketch of German and French philosophy and art; Napoleon and Hitler; possible future relationships. Prerequisites, History 105, 106.

Three hours credit.

302. RUSSIA—PAST AND PRESENT—A study of the development of the Russian people and their political, economic, and social institutions from earliest times to the present. Prerequisites, History 105, 106.

Three hours credit.

303. THE FRENCH REVOLUTION—A study of the historic, economic, and philosophic background of the French Revolution and Napoleonic era from 1789 to 1815. The principles of the French Revolution and our time. Prerequisites, History 105, 106.

Three hours credit.

305. RENAISSANCE AND REFORMATION—A study of the political, literary, artistic, philosophic, and scientific developments of the Renaissance period, especially in Italy, France, Germany, and England. The forces underlying and causing the Reformation; the relation of the Reformation to the intellectual, religious, economic, and social life of Western Europe. Prerequisites, History 105, 106. (1940-41)

Three hours credit.

306. LATIN AMERICA—This course is a study of the political, economic, and social institutions and problems of the Latin American Republics from attainment of independence to the present time. Prerequisites, History 105, 106.

Three hours credit.

307. HISTORY OF EDUCATION—For description of this course see Education 307.

309. THE MEDIEVAL MIND—See Philosophy 309.

310. MAKING OF THE MODERN MIND—See Philosophy 310.

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311. HISTORY OF GREECE—Political and cultural growth of Greece. Prerequisites, History 105, 106. (1941-42) *Three hours credit.*

312. HISTORY OF ROME—The first republic, the growth of the city of Rome and the Mediterranean states, the growth of the early imperial system, the rule of the Caesars, to the decline of the empire. Prerequisites, History 105, 106. (1941-42) *Three hours credit.*

313-314. ENGLISH HISTORY—From the earliest times to the present. Special emphasis is given to the social, industrial, and commercial development of England, the growth of parliament, the contest for religious freedom, the literary and intellectual development of the British people. Prerequisites, History 105, 106. *Three hours credit each semester.*

325. MODERN TRENDS—WORLD HISTORY SINCE 1914—Developments in the political, economic, and social life of all major countries of the world since the outbreak of the World War. Recent trends in Russia, Italy, Germany, the Far East, and significant world problems will be presented. Prerequisites, History 105, 106. (1940-41) *Three hours credit.*

ITALIAN

101-102. ELEMENTARY ITALIAN—The fundamentals of grammar are taught by constant drill in syntax and inflectional forms. Spoken Italian with special attention to correct pronunciation and diction is studied in connection with the reading of simple modern texts. *Three hours credit each semester.*

203. INTERMEDIATE ITALIAN—Review of grammar in connection with elementary composition. Modern texts are read and used as a basis for conversation in Italian. Prerequisite, Italian 102, or two years of high school Italian. *Three hours credit.*

204. INTERMEDIATE ITALIAN—A continuation of Italian 203. In this course the stories and plays are studied as literature and at the same time they serve as material for the study of the language. *Three hours credit.*

The prerequisite of all courses in the 300 group is Italian 204 or the ability to read Italian for literary appreciation.

305, 306. CONVERSATIONAL ITALIAN—A course in composition and conversation based on selected examples of modern Italian literature. *Three hours credit each semester.*

307-308. ITALIAN CULTURE—This course is devoted to the study of Italian culture and institutions together with a summary review of the history of Italian literature. *Three hours credit each semester.*

313. COMPARATIVE GRAMMAR OF THE ROMANCE LANGUAGES—The morphology and syntax of modern Italian will be studied in connection with those of any other Romance Languages with which the student may be familiar. (Summer) *Three hours credit.*

LANGUAGE

101-102. ELEMENTARY OR INTERMEDIATE — This course, formerly designated as Russian 101-102, permits the acquisition of credit for work of an elementary or intermediate nature done in languages other than those listed in this catalog. This work may be in Russian or some other Slavonic language or in Hungarian, and will be under the direction and supervision of the head of the Department of Modern Languages. (Summer) *Three hours credit each semester.*

MATHEMATICS

LATIN

See Classical Languages.

LAW

See Law School.

MATHEMATICS

A major in the field of mathematics must include calculus and at least three semester courses numbered above 300. Students who expect to teach mathematics in high school must take Mathematics 330 in their junior or senior year, it being offered in alternate years.

Students who expect to take two or more years of mathematics should elect in the freshman year Mathematics 123-124 or 111-112, 103, and 114, followed by 209-210 in the sophomore year. Course 151-152 is designed for students who are not specializing in mathematics or a physical science and who do not expect to continue in mathematics beyond the first year. A minimum of one year of high school algebra and one year of geometry is required for any course in college mathematics.

101. COLLEGE ALGEBRA—The fundamentals of algebra rapidly reviewed, after which advanced topics, such as progression, permutations and combinations, theory of equations, complex numbers, and determinants are studied. *Three hours credit.*

103. TRIGONOMETRY — This course includes the study of goniometry, solution of triangles, trigonometric equations, construction of tables, and if time permits, a few elements of spherical trigonometry. Should follow or be accompanied by Mathematics 111-112. *Three hours credit.*

111-112. COLLEGE ALGEBRA — This course is equivalent to course 101, except that more time is allowed for review of the fundamentals of algebra, and some additional ground is covered. *Two hours credit each semester.*

114. ANALYTIC GEOMETRY—This course is largely a study of equations and their graphs. Curve fitting by means of empirical equations is also included. Prerequisite, Mathematics 103 and 111. *Three hours credit.*

123-124. FRESHMAN ENGINEERING MATHEMATICS—This course includes college algebra, trigonometry, and analytic geometry so coordinated as to eliminate undue repetition and to emphasize the phases most valuable in engineering and the sciences. Prerequisite, three units of high school mathematics satisfactory to the instructor. *Five hours credit each semester.*

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151-152. INTRODUCTION TO MATHEMATICS—A course designed to acquaint the general student with the underlying principles and concepts of mathematics. Selected topics from arithmetic, algebra, geometry, trigonometry, and analytic geometry are studied for their contribution to a general understanding of mathematical processes, without any attempt at completeness of material in any one subject.

Three hours credit each semester.

209-210. DIFFERENTIAL AND INTEGRAL CALCULUS — A thorough course in the essentials of each phase of the calculus, including maxima and minima, rates, curve tracing, the definite integral, areas, volumes, double integrals, etc., with applications to physical and mechanical problems. Prerequisite, Mathematics 114.

Five hours credit each semester.

218, 219, 220. DIFFERENTIAL AND INTEGRAL CALCULUS — This course is the equivalent of course 209-210, but is spread over three semesters instead of two. Prerequisite, Mathematics 114.

Three hours credit each semester.

311. THEORY OF EQUATIONS—Solution of cubic and quartic equations, Newton's method, symmetric functions, determinants, resultants, discriminants. Prerequisite, Mathematics 209. (1940-41)

Two or three hours credit.

315. DIFFERENTIAL EQUATIONS—Methods of solving ordinary differential equations with applications to problems in various fields. Prerequisite, Mathematics 210.

Three hours credit.

316. ADVANCED DIFFERENTIAL EQUATIONS—Equations of higher order, partial differential equations, and systems of equations. Prerequisite, Mathematics 315.

Two or three hours credit.

APPLIED MECHANICS—See Physics 324, 325, 326.

330. COLLEGE GEOMETRY—This course makes use of the same tools and technique as does plane geometry, leading to higher relations between the elements of the triangle and of other plane figures. This course has been made a specific requirement for a teaching major or minor in mathematics, by the State Board of Education. Prerequisite, junior standing. (1941-42)

Three hours credit.

404. ADVANCED STUDIES IN MATHEMATICS—Under this heading an occasional talented student is allowed to concentrate in his senior year upon some topic of interest such as vector analysis, projective geometry, or function theory.

Credit to be arranged.

432. HISTORY OF MATHEMATICS—A study of the development of the fundamental ideas of mathematics through the calculus, from antiquity down to the present. Prerequisite, Mathematics 209 or consent of instructor. (1941-42)

Three hours credit.

MUSIC

The School of Music of Youngstown College was organized to provide a thorough course of instruction in all branches of music, both theoretical and applied. To this end an eminent faculty has been assembled and the work in music correlated with the other subjects in the college curriculum. The sound-

MUSIC

proof studios of the School of Music are located on the fourth floor of the college building, are well lighted, attractive, and well suited to this work.

In addition to private lessons in all branches of applied music, classes limited in number, under the guidance of college instructors, offer opportunities for study of these branches at greatly reduced cost.

Examinations in all branches of applied music are held at the end of each semester before a committee of the faculty. This examination and the recommendation of the instructor shall determine promotion.

A complete course for the training of band masters and professional players on the band instruments is offered. The course consists of the study of a major solo instrument, tone production and technique of all band instruments, theoretical subjects, arranging, and conducting.

Students majoring in applied music must fulfill the following entrance requirements.

Piano Students must be prepared to play before a committee of the faculty a selection from the following compositions or others of equal grade in a manner satisfactory to the faculty.

- (a) Two studies from Czerny, Op. 299.
- (b) One two-part invention or a dance from Bach.
- (c) One of the easier compositions from Chopin.
- (d) One sonata movement from Haydn, Mozart, or the easier Beethoven, and a concert number of corresponding difficulty.
- (e) A composition by Mendelssohn, Grieg, Schubert, Schumann, etc.

In addition to this, a student should be able to read at sight a medium grade composition, play all of the major scales and major arpeggios, and write major and minor scales with correct signatures.

Violin Students must know six positions, be able to read at sight a piece selected by the committee, and be able to play satisfactorily the following:

- (a) A study of Mazas (Special studies.)
- (b) A study by Kreutzer to the grade of No. 32.
- (c) A movement from a sonata by Mozart or a concerto by Vivaldi.

Organ Students must be able to play on the piano the following:

- (a) Any scale or arpeggio.
- (b) A Bach invention.
- (c) A prelude and fugue from Bach's "Well Tempered Clavichord."

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Wind-instrument students must have had at least one year's experience in band or orchestra ensemble and be able to play any first-grade song. They must also be able to play elementary studies by Arban and Gati for brass instruments and studies of similar difficulty for wood-wind.

Cello Students must be able to read at sight a piece selected by the committee and be able to play satisfactorily:

- (a) Technical exercises from Schroder, Book I.
- (b) All major scales two octaves.

In evaluating courses in applied music for college credit the following basis shall be used:

Piano, Violin, or Band Instruments—One hour of college credit for each lesson per week, accompanied by 1½ hours of practice daily (not to exceed 2 hours per semester).

Organ or Voice—One hour of college credit for each lesson per week accompanied by 1 hour of practice daily (not to exceed 2 hours per semester).

To be coordinated into a major, such credits must be accompanied by studies in musical theory, as outlined in the catalog, or by courses accepted in lieu thereof by the regularly constituted authorities.

Students regularly enrolled in the musical organizations of the college, i. e., Men's Glee Club, Women's Glee Club, Orchestra, Chapel Choir, instrumental and vocal ensembles, and who, by regular attendance and earnest endeavor merit it, may receive credit not to exceed one-half hour per semester, for two hours rehearsal per week, but the credit must be definitely for membership in one certain organization.

101-102. SIGHT SINGING AND EAR TRAINING—Two recitations each week. Required of all students majoring or minoring in music, and the first theoretical course to be taken by students of applied music who desire credit for same. A study of the fundamentals of music in respect to notation, scale formation, and derivation; singing at sight in one and two parts, major and minor modes, G and F clef; dictation in one and two parts, major and minor modes, G and F clef. *One hour credit each semester.*

103-104. ELEMENTARY HARMONY—A study of the fundamental triads, dominant seventh, and secondary seventh chords in major and minor modes; harmonizing given and original melodies; analysis. *Two hours credit each semester.*

105, 106. HISTORY AND APPRECIATION OF MUSIC—A discussion of the problems of listening to music, designed primarily for non-professional listeners. Lectures, outside readings, study of phonographic records, reports. *Two hours credit each semester.*

121. INTRODUCTION TO MUSIC—Fundamental knowledge of the problems of notation and development of skill in sight singing and ear training. *Two hours credit.*

201-202. SIGHT SINGING AND EAR TRAINING—Two recitations each week. A continuation of Music 101-102. Prerequisites, Music 101-102. *One hour credit each semester.*

203-204. ADVANCED HARMONY—A continuation of Harmony 103-104. A study of chordal alterations, use of chords of the major mode, in the minor mode, and vice versa, modulation and transition, pedal point. Prerequisites, Music 101-102, 103-104. *Three hours credit each semester.*

MUSIC

205, 206. HISTORY OF MUSIC—A study of the beginnings of music from pre-historic times down to the beginning of the sixteenth century. *Two hours credit each semester.*

217. TEACHING OF WOOD-WIND INSTRUMENTS—CLASS METHOD—Elementary class instruction in wood-wind instruments in a situation similar to that met in the public schools. No previous knowledge of wood-wind instruments is required. Fee, \$12.00. *One hour credit.*

218. TEACHING OF STRINGED INSTRUMENTS—CLASS METHOD—Same as Music 217 applied to stringed instruments. Fee, \$12.00. *One hour credit.*

221. MUSIC LITERATURE AND APPRECIATION—A general orientation course to meet the needs of the classroom teacher and the average music lover. Human values of music and the relationship to art, literature, geography, history, and other curricular interests are emphasized. *Two hours credit.*

303, 304. STRICT COUNTERPOINT—First, second, third, fourth, and fifth species of academic counterpoint in two, three, and four parts; combined counterpoint. Prerequisite, Music 203-204. (1940-41) *Three hours credit each semester.*

305, 306. HISTORY OF MUSIC—A continuation of Music 205, 206. The development from the beginning of the sixteenth century down to the present day. *Three hours credit each semester.*

309, 310. VIOLIN PEDAGOGY—A comprehensive survey and analysis of historical, technical, and pedagogical phases of violin playing, as well as of methods and material available for the teaching and study of violin. During the second semester emphasis is placed upon the application of pedagogical and technical principles to actual teaching situations in the nature of supervised practice teaching. *One hour credit each semester.*

311-312. CLASS VOICE METHODS—Two recitations each week. Fundamentals of correct voice production. Methods of conducting voice classes, glee clubs and choirs, with a survey and evaluation of materials. *One hour credit each semester.*

315-316. MUSIC IN THE FIRST SIX GRADES—General methods of teaching public school music in the first six grades. A study of rote songs, rhythmic and tonal problems, analysis of student problems in successive years, with actual demonstrations of methods used in elementary grades. *Two hours credit each semester.*

317. TEACHING OF BRASS INSTRUMENTS—CLASS METHOD—Same as Music 217 applied to brass instruments. Fee, \$12.00. *One hour credit.*

318. TEACHING OF PERCUSSION INSTRUMENTS—CLASS METHOD—Same as Music 217 applied to percussion instruments. Fee, \$12.00. *One hour credit.*

319, 320. CONDUCTING—An opportunity for study and practical experience in choral and instrumental conducting. Stress on the use of the baton. Attack, release, control, phrasing, and other phases of foundational requirements. Interpretative studies in chorals, anthems, part-songs, opera, and symphony. Prerequisites, two years of college piano and harmony. Admission by permission of the head of the music department. *Three hours credit each semester.*

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321. **MUSIC EDUCATION**—A study of the child voice and its care. Rote songs, materials for rhythmic expression and listening, and the teaching skills and methods which the classroom teacher needs to work effectively under supervision. *Two hours credit.*

403-404. **MUSICAL FORM**—A study of musical form beginning with the phrase and continuing through the song form to the rondo forms. Analysis of master works illustrative of the forms studied. Prerequisite, Music 203-204. (1941-42) *Three hours credit each semester.*

409-410. **ORCHESTRATION FOR HIGH SCHOOLS**—A study of the technique of the instruments with particular attention to the ones commonly found in high school ensembles. Cross cueing and instrumental substitutions. Arranging of scores for diverse high school groups. Prerequisites, Music 103-104, 203-204. *Three hours credit each semester.*

411-412. **TEACHING OF MUSIC IN THE JUNIOR AND SENIOR HIGH SCHOOL**—Classification, problems, materials, methods, organization, and management. Prerequisite, Music 311-312. *Two hours credit each semester.*

417. **INSTRUMENTAL PROBLEMS**—Methods of organizing and conducting instrumental classes, band and orchestra in the public schools, with a survey of materials. *Two hours credit.*

419. **BAND ORGANIZATION, DRUM MAJORING, AND FIELD TECHNIQUE**—Method of organizing and conducting the concert and military band. Selection of materials, seating plans, preparation for rehearsals, and conductor problems. A study of balanced instrumentation and marching formations. An opportunity for study and practical experience in drum majoring with emphasis in military baton signals, field techniques, and drum figures. *Two hours credit.*

Tuition Rates—Music Faculty Semester of Eighteen Weeks

	One Half-hour Lesson per week	Two half-hour Lessons per week
Henry V. Stearns (piano and organ)	\$45.00	\$90.00
George A. Bretz (piano)	36.00	72.00
Kathryn Guarneri (voice)	45.00	90.00
Jacob Hubert (violoncello)	27.00	54.00
Harry Joyce (wood winds)	27.00	54.00
Joseph A. Mulvey (percussion)	36.00	72.00
Alvin Myerovich (violin)	36.00	72.00
Class instruction in piano and violin		\$12.00

ORIENTATION

This course aims to help the new college student to adjust himself quickly to college life. The problems studied include, how to study in college; how to select college courses; how to select a life work. Lectures, library readings, and quizzes. Required of all freshman students. *One hour credit.*

PHILOSOPHY

203. **INTRODUCTION TO PHILOSOPHY**—A lecture and discussion course designed to introduce the student to the methods, problems and fundamental conceptions of philosophy, and to the significance of the higher values of life—moral, aesthetic, and religious. *Three hours credit.*

PHILOSOPHY, PHYSICAL EDUCATION

205. LOGIC—A study of the nature of thought, and of true and false methods of thinking. (1941-42) *Two hours credit.*

207, 208. ETHICS OF JESUS—A study of the records of Matthew, Mark, and Luke, with the object of discovering Jesus' conception of life, and the ethical principles revealed in both his teaching and actions. The purpose of the course is to furnish a basis for the student's development of his own philosophy of life. (1940-41) *Three hours credit each semester.*

301. HISTORY OF PHILOSOPHY—The development of philosophic thought from the time of the early Greeks to the end of the Middle Ages. *Three hours credit.*

302. HISTORY OF PHILOSOPHY—Continuation of Philosophy 301 from the end of the Middle Ages to the present day. *Three hours credit.*

305, 306. ETHICS—A study of human nature, of character and conduct. A survey of the evolution of ideas of right and wrong; an introductory study of the principal types of ethical theory, and an evaluation of them. Ethical principles are discussed in relation to personal, political, economic, and international problems. (1941-42) *Three hours credit each semester.*

309. THE MEDIEVAL MIND—The story of the development of thought and emotion during the Middle Ages. Prerequisite, History 105. (1941-42) *Three hours credit.*

310. MAKING OF THE MODERN MIND—A study of the philosophic, religious, scientific, political, and social developments out of which our present patterns of thought have arisen. Prerequisites, History 105, 106. (1940-41) *Three hours credit.*

311. SOCRATES AND PLATO—The main outlines of their thought, with special emphasis on selected dialogues of Plato. Prerequisite, Philosophy 203 or 301. (1941-42) *Three hours credit.*

312. ARISTOTLE—The main outlines of Aristotle's thought in metaphysics, logic, ethics, politics. Prerequisite, Philosophy 203 or 301. (1941-42) *Three hours credit.*

315. COMPARATIVE RELIGION—A study of Hinduism, Buddhism, Confucianism, Taoism, Zoroastrianism, Mohammedanism, Judaism, and Christianity. (1941-42) *Three hours credit.*

PHYSICAL EDUCATION

A medical examination by the college medical examiner is required of all students who are taking physical education. The cost is seventy-five cents. Regulation uniforms are also required of all students and should be purchased after consultation with the physical education instructor.

101, 102. PHYSICAL EDUCATION (Men)—Two hours of physical education each week throughout the year. The course includes general body building exercises, gymnastic and athletic games, and competitive sports, with advanced elective activities for the physically superior groups. Required of freshmen. *One-half hour credit each semester.*

YOUNGSTOWN COLLEGE

103, 104. PHYSICAL EDUCATION (Women) — Two hours of physical education each week throughout the year. The course includes the following sports: soccer, basketball, badminton, ping pong, shuffleboard, and volleyball; also rhythmic and swimming. Required of freshmen.
One-half hour credit each semester.

105. HYGIENE (Men) — Personal hygiene. Two hours each week for one semester.
Two hours credit.

106. HYGIENE (Women) — Personal hygiene. Two hours each week for one semester.
Two hours credit.

111, 112. RECREATIONAL ACTIVITIES (Men) — Two hours each week throughout the year. Recreational activities adjusted to the needs of individuals who are advised by a physician not to engage in Physical Education 101, 102.
One-half hour credit each semester.

113, 114. RECREATIONAL ACTIVITIES (Women) — Two hours each week throughout the year. Recreational activities adjusted to the needs of individuals who are advised by a physician not to engage in Physical Education 103, 104.
One-half hour credit each semester.

121, 122. EURYTHMICS — Musical education by means of movement. It aims to vitalize the musicality and rhythm of the whole personality, mind as well as body, and to help the musician not only to feel the music, but also to express and convey it to others. The studies are grouped as follows: body technique and rhythm combined with breathing; musical and rhythmic studies in space, individually and in groups; and educational exercises for smooth coordination between the nervous and the muscular system for quick reactions, association and dissociation. Required of all music majors as a substitute for physical education and recommended for students who are eligible for Physical Education 111, 112 or 113, 114.
One-half hour credit each semester.

205, 206. ADVANCED PHYSICAL EDUCATION (Men) — Two hours each week. A continuation of Physical Education 101, 102. Required of sophomores.
One-half hour credit each semester.

207, 208. ADVANCED PHYSICAL EDUCATION (Women) — Two hours each week. A continuation of Physical Education 103, 104. Required of sophomores.
One-half hour credit each semester.

215, 216. RECREATIONAL ACTIVITIES (Men) — Two hours each week. A continuation of Physical Education 111, 112.
One-half hour credit each semester.

217, 218. RECREATIONAL ACTIVITIES (Women) — Two hours each week. A continuation of Physical Education 113, 114.
One-half hour credit each semester.

221, 222. EURYTHMICS — Continuation of Eurythmics 121, 122.
One-half hour credit each semester.

303. PRINCIPLES OF HEALTH AND PHYSICAL EDUCATION (Men and Women) — This is an elementary course in the techniques and skills involved in the teaching of health and physical education. Principles and ideals of health are related to the processes which make for a sound physical education.
Two hours credit.

311-312. THEORY AND PRACTICE OF PHYSICAL EDUCATION OTHER THAN ATHLETICS (Men and Women) — Games of low organization, relays, shuttles, stunts, apparatus, tumbling, swimming, dancing, and elementary skills, are taught in this course. The place of games

PHYSICAL EDUCATION, PHYSICS

in a physical education and recreation program is stressed. Games in the gymnasium and on the playground, which can easily be taught and give the participant satisfaction, are developed in both theory and practice.

Two hours credit each semester.

321. **HYGIENE FOR ELEMENTARY GRADES**—This course includes health habits, and ways and means of ingraining them in pupils, use of the snellen chart, auditory acuity tests, principles governing seating, lighting, air space, illuminating information to motivate health habits, and the recognition of common disorders and malnutrition in children. The teacher-in-training will be made aware that health should be taught at every opportunity and in every possible connection in the classroom and on the playground. The possibilities of the home project as a means of projecting the training into the home will be studied.

Three hours credit.

322. **HEALTH ACTIVITIES FOR ELEMENTARY GRADES**—The prospective teacher will be equipped with an extensive repertoire of games of low organization suitable for the grades, rhythms, dancing and singing games, mimetic and story plays, hunting and chasing games, relays, stunts and self-testing activities, games for use in the schoolroom, and reasonable sports and games for use in and out of school. The teacher-in-training will learn the games, play them in class, and become familiar with their purposes and the method of teaching them to children. They will be viewed not only from a health standpoint but also as opportunities for practicing desirable traits.

Three hours credit.

400. **TEACHING OF HEALTH (Men and Women)**—This course relies on the gathering of materials from the specialists in the field of health education. Seminar and tutorial instruction.

Two hours credit.

403. **ORGANIZATION AND ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION (Men and Women)**—Physical Education as it is organized today requires administrators of executive ability. Techniques involved in organization and administration of intra-mural and inter-scholastic activity are studied and practiced.

Two hours credit.

409. **THEORY AND PRACTICE OF ATHLETIC COACHING (Men)**—Skills, strategy and systems in the field of athletics are studied as they are related to basketball, baseball, track, soccer, and speedball. The student will learn the rules of the game and how to play, officiate, and coach these types of activity.

Two hours credit.

410. **FOOTBALL (Men)**—This course is devoted to the study of the offensive and defensive characteristics of various systems. The student will receive instruction and actual practice by coaching a squad of players.

Two hours credit.

411-412. **THEORY AND PRACTICE OF PHYSICAL EDUCATION (Women)**—Instruction and practical experience in methods, materials and programs of physical education for elementary and secondary schools.

Two hours credit each semester.

415. **SCHOOL HEALTH PROBLEMS (Men and Women)**—The student of physical education must be aware of the physical defects prevalent among the pupils in the classroom. Health, physical fitness, dental health, cleanliness, ventilation, lighting, heating, sanitation, school safety, and safety with automobiles are studied.

Two hours credit.

PHYSICS

This department offers sufficient work for a major in either physics or applied physics. The related minor should

YOUNGSTOWN COLLEGE

be mathematics. Further details may be found in a separate bulletin on curricula.

115. SURVEY OF ENGINEERING—Lectures, readings, and reports. The student is helped to see the profession of engineering in its entirety, so that he may better select the phase in which he is most interested and best prepared. Required of all freshman engineering students.
One hour credit.

151. ELEMENTARY PHOTOGRAPHY—This course is planned for the average camera enthusiast. It will be developed as a science on a scientific basis. The nature of light, lenses, the elementary chemistry of photography, etc., will be included. Demonstration and practice in picture taking for various purposes and effects. Miniature camera work will be compared with other types. Laboratory work will include developing, printing, and enlarging. Various grades of films and papers will be used. Color work will also be included. Fee, \$2.50.
Three hours credit.

201-202. GENERAL COLLEGE PHYSICS—Lecture and recitation, three hours, and two two-hour laboratory periods each week. A general course in the fundamentals of physical science. The first semester includes the study of mechanics, heat, and sound; the second semester is devoted to the study of electricity, magnetism, and light. Trigonometry highly desirable. Fee, \$5.00 each semester.
Five hours credit each semester.

207. FOUNDRY THEORY AND PRACTICE—A study of the theory of foundry practice of ferrous and non-ferrous metals; coke, oil, and electrically heated furnaces; heat requirements; a firsthand study in the foundry of actual practice in connection with core-making; snake-flask, floor, pit, and machine moulding; pattern requirements for various classes of castings, etc. One lecture and ten hours of foundry practice per week for the summer session. Open to third-year engineering students.
Three hours credit.

211-212. GENERAL COLLEGE PHYSICS—Lecture three hours, laboratory three hours each week. Same as 201-202 except somewhat abridged. Fee, \$5.00 each semester. (1940-41)
Four hours credit each semester.

213. SURVEYING—Two recitations and fifteen hours of field work per week for nine weeks in summer term. The fundamental principles of plane and topographic surveying. Prerequisite, Mathematics 103. Fee, \$7.00.
Four hours credit.

214. ROUTE SURVEYING—Two recitations and twelve hours of field work per week for nine weeks in the summer term. Fundamentals of highway and railroad surveying. Prerequisite, Physics 213. Fee, \$5.00.
Three hours credit.

221. SHOP PROCESSES—Six hours laboratory each week. Study of machines and machine tools, as well as processes such as milling, shaping, boring, turning, etc. Fee, \$7.00. (1940-41)
Three hours credit.

252. ADVANCED PHOTOGRAPHY—Studio work covering commercial and illustrative photography, copying, retouching, including actual practice with cameras, lights, filters, lenses, exposure, etc. Individual dark room instruction on negative processing, contact printing, enlarging. Fundamentals of composition, photographic make-up, and portraiture. Prerequisite, Physics 151. Fee, \$2.50.
Three hours credit.

PHYSICS, POLITICAL SCIENCE

307. HEAT AND RADIATION—Laws of heat flow by convection, conduction, and radiation; kinetic theory of gasses, and an approach to the thermodynamic method. Prerequisites, Physics 201 and Mathematics 209.
Three hours credit.

308. THERMODYNAMICS — Heat engines, the Carnot cycle, entropy, reversible and irreversible cycles, and applications to certain problems. Prerequisites, Physics 201-202 and Mathematics 209-210.
Three hours credit.

324. APPLIED MECHANICS—STATICS AND KINEMATICS. Force systems, center of gravity, laws of motion of a particle. Prerequisite, Mathematics 210 and Physics 201.
Three hours credit.

325. APPLIED MECHANICS — DYNAMICS. Continuation of course 324 to include rotation of solid bodies, moment of inertia, and vibrating systems.
Three hours credit.

326. APPLIED MECHANICS—STRENGTH OF MATERIALS. The physical properties of materials, stresses, deflection of beams, and torsion of rods. Prerequisite, Physics 324.
Three hours credit.

327. FLUID MECHANICS — Hydrostatics and hydrodynamics. (1940-41)
Three hours credit.

351. ENGINEERING REPORTS—A study of the engineering report as to content and methods of presentation; the actual construction of a comprehensive report on an engineering enterprise, making use of data obtained in previous studies. Prerequisite, advanced standing in applied science. (Summer)
Three hours credit.

404. READINGS IN MODERN PHYSICS — Individual study carried on by senior majors in physics, with the consent of the head of the department. Written and oral reports are made periodically.
Two or three hours credit.

411, 412. ELEMENTS OF ELECTRICAL ENGINEERING—Two recitations and four hours of laboratory each week. The fundamentals of electrical engineering and their application in practice, including direct and alternating currents, D. C. and A. C. machinery, transformation, transmission, and distribution. Many problems on phases of electrical engineering are presented for solution by the students. Prerequisites, Mathematics 210 and Physics 202. Fee, \$10.00 each semester.
Four hours credit each semester.

POLITICAL SCIENCE

101. INTRODUCTION TO POLITICAL SCIENCE—A study of the principles, forms of governments, types of constitutions, and political institutions in the United States and abroad. The regulation of labor, utilities, industry, and pressure groups will be considered. Reforms suggested in civil service, voting, reorganization of departments, and others will be studied in a general survey of governmental functions and problems—national, state, and local.
Three hours credit.

102, 103. AMERICAN GOVERNMENT—A study of the principles and problems of government in general with suggested reforms in the functioning of American government. Current problems such as government reorganization, civil service reform, and the regulation of industry will be considered.
Three hours credit each semester.

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304. INTERNATIONAL RELATIONS—The main motives in modern international politics; imperialism; the economic background; the first World War; the United States and Europe; the United States and the Far East; the second World War. Not open to freshmen.

Three hours credit.

305. GOVERNMENTS OF EUROPE—A survey of the governments and political institutions of European countries with particular emphasis upon Great Britain, France, Germany, Italy, and Russia. Current events and problems reflecting the opposing philosophies of totalitarian and democratic nations will be examined in the light of present- and post-war developments.

Three hours credit.

307. MUNICIPAL GOVERNMENT AND ADMINISTRATION—A study of the principles and plans of city government in the United States. Supplemented by occasional lectures of local officials concerning municipal problems peculiar to Youngstown. The problems of the modern city—home rule, public utilities, administrative organization, city finance, city planning, public health and recreation, schools, and other vital problems are studied. Prerequisite, Political Science 101.

Three hours credit.

308. TECHNIQUE IN MUNICIPAL ADMINISTRATION—This course deals with the functional aspect of municipal administration. The major portion of the study deals with the measurement of municipal activities. An intensive study is made of municipal reporting, using municipal reports of the leading cities of the country. A study is also made of municipal budgets. Materials of other cities are used as supplementary work. Prerequisite, Political Science 101. (1941-42)

Three hours credit.

309. PUBLIC ADMINISTRATION—A general survey of the technique of administration used by the national, state, and local levels of government. The purpose of this course is to give the student a comprehensive understanding of the administrative practices in the public service. A few of the special subjects which will be studied are recruiting, promotion, service ratings, public relations, and retirement. Prerequisite, Political Science 101. (1940-41)

Three hours credit.

PRACTICAL ARTS

121. PRACTICAL ARTS FOR ELEMENTARY TEACHERS—This course includes such weaving, metalwork, woodwork, leatherwork, and plastics as are pertinent to elementary education. The teacher-in-training should acquire considerable skill with the simple tools. Methods of presentation will be inherent in the course.

Three semester hours credit.

PSYCHOLOGY

201. GENERAL PSYCHOLOGY—A study of the fundamental principles of human behavior. This includes a brief survey of the field, the relationship of physiological structure to behavior, the study of the nature and development of motives, perception, consciousness, and other factors in the integration of personality. Prerequisite to all other courses in the field.

Three hours credit.

202. PSYCHOLOGY OF EDUCATION—A study of those principles and laws of psychology that form the bases for education and that apply to the problems of the school. Prerequisite, Psychology 201.

Three hours credit.

PSYCHOLOGY, SOCIAL SCIENCE

300. SOCIAL PSYCHOLOGY—A study of psychological principles and methods applied to social problems and factors influencing social life. Prerequisite, Psychology 201. *Three hours credit.*

301. APPLIED PSYCHOLOGY — A study of the psychological factors and principles involved in human relationships in marketing, law, advertising, medicine, selling, and personnel management, as found in business, the professions, and industry. Prerequisite, Psychology 201. (1941-42) *Three hours credit.*

302. PSYCHOLOGY OF THE ABNORMAL — A study of the causes, nature, and trend of mental maladjustments and injured personality, stressing the value and means of mental hygiene. Prerequisite, Psychology 201. *Three hours credit.*

303. PSYCHOLOGY OF RELIGION—A study of the psychological facts and principles affecting religious experiences, sense of sin, conversion, character changes, faith, worship, development of personality, and mental adjustments as a hygiene for dynamic, useful, and happy living. Prerequisite, Psychology 201. *Three hours credit.*

305. CHILD PSYCHOLOGY—A genetic study of child development from the prenatal period to puberty, stressing the characteristic behavior and suitable training methods for each period of development. Recommended for elementary teachers. Prerequisite, Psychology 201. (1941-42) *Three hours credit.*

306. PSYCHOLOGY OF ADOLESCENCE—A study of the characteristics and behavior problems of teen-age children. Recommended for high school teachers. Prerequisite, Psychology 201. (1941-42) *Three hours credit.*

307. PSYCHOLOGY OF MARRIAGE AND FAMILY RELATIONS—A practical study of social and psychological factors which contribute to marital success and happiness, including intersex relations, eugenics, mental hygiene, child training, home finance, and community usefulness. Especially recommended for those who have little advanced credit in psychology or sociology. Prerequisites, Psychology 201, Biology 101-102, Sociology 103, and junior standing. (1940-41) *Three hours credit.*

308. PERSONALITY AND MENTAL HYGIENE — A study of those principles and habits which insure a well-balanced personality and a sound mind. Prerequisite, Psychology 201. Fee, \$1.00 (1940-41) *Three hours credit.*

SOCIAL SCIENCE

A major in social science consists of 45 hours selected from the following departments: economics, history, philosophy, political science, psychology, and sociology. Selection of the particular courses which constitute this major should be made in consultation with the instructor in any one of the social science fields.

A minor in social science consists of 15 hours, all of which must be in some one of the social sciences.

YOUNGSTOWN COLLEGE

SOCIOLOGY

103. PRINCIPLES OF SOCIOLOGY — This is the introductory course, prerequisite to other courses in sociology. It deals with the origin, development, structure, and functions of social institutions.

Three hours credit.

104. SOCIAL DISORGANIZATION — A survey of the present methods of dealing with the dependent and defective groups such as the unemployed, the insane, the feebleminded, the blind. Prerequisite, Sociology 103.

Three hours credit.

201. CRIME AND PENAL INSTITUTIONS — A study of the nature and causes of crime and criminals, our present methods of apprehending the criminal, and the problems connected with our penal institutions. Prerequisite, Sociology 103.

Three hours credit.

204. SOCIAL ORIGINS—The origin and development of the basic social institutions. Prerequisite, Sociology 103.

Three hours credit.

301. HISTORY OF SOCIAL THOUGHT — A course surveying the evolution of social theory, with emphasis upon the various schools of thought of the present time. Prerequisite, Sociology 103. (1940-41)

Three hours credit.

307. THE FAMILY—For description of this course, see Psychology 307.

308. EDUCATIONAL SOCIOLOGY — For description of this course, see Education 308.

SPANISH

101-102. ELEMENTARY SPANISH—The essentials of Spanish grammar are taught through written and oral exercises and are supplemented with the reading of simple texts.

Three hours credit each semester.

203. INTERMEDIATE SPANISH—Review of grammar with imitative exercises in composition. Reading of selected classics of Spanish and Spanish-American prose narration. Prerequisite, Spanish 102 or two years of Spanish in high school.

Three hours credit.

204. INTERMEDIATE SPANISH—A continuation of Spanish 203. Reading of modern stories and plays with conversational exercises based upon the text.

Three hours credit.

The prerequisite for the following courses is Spanish 204, four years of high school Spanish, or the consent of the instructor.

325. CONVERSATIONAL SPANISH—One hour a week is spent in exercises destined to facilitate the acquisition of a correct pronunciation. The other two hours are devoted to conversation based on composition assignments. (1940-41)

Three hours credit.

326. SPANISH CIVILIZATION—A summary study of the tradition, history and geography of Spain and Spanish speaking countries. The material of this course is fundamental to the understanding of Spanish books and periodicals. (1940-41)

Three hours credit.

SPANISH

327. CURSO DE ESTILO—Through the preparation and study of translations from English to Spanish and from Spanish to English an insight is given into the fundamental differences in expression between the two languages. (1941-42) *Three hours credit.*

328. SPANISH LITERARY TRADITION—A brief survey of the principal writers of Spain together with the study of selections from some of their principal works. (1941-42) *Three hours credit.*

329. JOURNALISTIC AND COMMERCIAL SPANISH—A study of selected periodicals from Mexico and other Spanish-American countries, with special attention to the vocabulary of advertising. One hour a week is devoted to practice in commercial correspondence. (1942-43) *Three hours credit.*

330. CONTEMPORARY LITERATURE IN SPANISH—A study of the principal writers of the twentieth century through their works: Baroja, Unamuno, Valle-Inclán, Azuela, Goy de Silva, and others. (1942-43) *Three hours credit.*

411. COMPARATIVE GRAMMAR OF THE ROMANCE LANGUAGES—The morphology and syntax of modern Spanish is studied in connection with those of any other Romance language in which the student may be interested. (Summer) *Three hours credit.*

School of Law

LAW SCHOOL COMMITTEE

C. SNELLING ROBINSON *Chairman*
Vice-President, Youngstown Sheet and Tube Company

J. C. ARGETSINGER Vice-President, General Counsel, and
Secretary, Youngstown Sheet and
Tube Company

WILLIAM F. MAAG Editor and Publisher, The Youngstown
Vindicator

SIDNEY J. COLLINS Clark and Collins, Certified Public
Accountants

JAMES L. WICK, JR. President, Falcon Bronze Company

GENERAL INFORMATION

Objectives and Methods of Instruction

The School of Law has the following objectives:

- (1) Familiarizing the student with the history of our laws and institutions.
- (2) Studying of various laws and the reasons for their existence.
- (3) Applying the rules and principles to actual cases.

Development of the ability of legal reasoning is emphasized.

The system of instruction is the case method. Selected cases that have actually been decided are used as texts. Thus, from an analytical study of each case the student determines the operative facts, and the rule of law upon which the decision has been based, and finds the governing principles of law by the inductive method of reasoning.

By such process the student learns to discriminate between the material and the immaterial; to weigh and estimate relative legal values; to discover fallacies in reasoning and to express his own conclusions clearly and concisely.

The College Year

The School of Law operates on the quarter plan. The quarters are designated as summer, fall, winter, and spring. Four quarters constitute the year's work.

Library

The Law Library contains 4,250 books and during the past year one hundred volumes have been added. In addition to the college Law Library the Mahoning County Law Library is available to students.

Tuition and Fees

See Fees and Expenses, School of Law, page 25.

ACADEMIC REQUIREMENTS

Requirements for Admission

While it is recommended that all applicants for admission to the Law School should have a college degree and preference is given to students who have fulfilled this requirement, the minimum requirement for admission is sixty semester hours of liberal arts work with average or better than average grades. The student who plans to enter the Law School with two years of pre-law work, or sixty semester hour, should include in his curriculum courses in English, natural science, modern language, history, political science, psychology, and philosophy. Each applicant must make written application which shall include the names of two character references. He must also appear in person before the committee on admissions.

The policy has been to admit approximately twenty-five students to the freshman class.

Required Freshman Course

In addition to the regular courses offered, all first year students are required to attend a class conducted by a regular member of the faculty for instruction in legal writings, research, methods of preparation, and use of law books and publications. This class is also open to advanced students for seminar instruction in independent research and preparation. The class meets once each week for a two-hour session throughout the school year. No credit.

Grade Requirements

The School of Law follows the same grading system that is used in the College of Arts and Sciences.

For detailed information concerning scholastic point systems and grading system see Grade Requirements, page 37. A student must have a point average of 1.00 or better to be eligible for graduation.

YOUNGSTOWN COLLEGE

The law student carries a total of two subjects or four semester hours per quarter. Failure in one subject places the student on probation for the following quarter. Failure in both subjects makes the student ineligible for reenrollment for the following quarter.

Requirements for the Bar Examination

All persons registering for the Bar Examination must have completed at least two years of work in liberal arts.

Every law student upon entering the School of Law should ask at the office for an instruction sheet regarding admission to the bar. Students living outside the State of Ohio must establish a residence in the state for one year before they are permitted to take the Bar Examination. Other important information is included on the instruction sheet and each student should study it carefully upon entering Law School to be sure that he has fulfilled all requirements.

Required Curriculum

Leading to the Degree of Bachelor of Laws

First Year

Common Law Pleading.....	2 hrs.	Torts	4 hrs.
Contracts	6 hrs.	Agency	2 hrs.
Personal Property	2 hrs.		

Second Year

Torts	2 hrs.	Real Property II.....	2 hrs.
Criminal Law	2 hrs.	Sales	2 hrs.
Real Property I.....	2 hrs.	Real Property III.....	2 hrs.
Negotiable Instruments	2 hrs.	Bailments and Carriers.....	2 hrs.

Third Year

Equity	6 hrs.	Trusts	2 hrs.
Private Corporations	2 hrs.	Insurance	2 hrs.
Evidence	4 hrs.		

Fourth Year

Municipal Corporations	2 hrs.	Pleading and Practice.....	4 hrs.
Quasi Contracts	2 hrs.	Administration of Debtors' Estates	2 hrs.
Partnership	2 hrs.	Domestic Relations	2 hrs.
Suretyship	2 hrs.		

Fifth Year

Wills	4 hrs.	Conflict of Law.....	2 hrs.
Constitutional Law	4 hrs.	Mortgages	2 hrs.

Schedule of Classes 1940-1941

(Classes meet two evenings a week)

FALL QUARTER

7:00—8:30
Common Law Pleading
Real Property I
Equity I
Municipal Corporations

8:30—10:00
Contracts
Torts
Private Corporations
Quasi Contracts

WINTER QUARTER

7:00—8:30
Agency
Real Property II
Equity II
Partnerships

8:30—10:00
Contracts
Negotiable Instruments
Evidence I
Suretyship

SPRING QUARTER

7:00—8:30
Torts
Real Property III
Equity III
Pleading and Practice

8:30—10:00
Contracts
Sales
Evidence II
Bankruptcy

SUMMER QUARTER

7:00—8:30
Torts
Bailments and Carriers
Pleading and Practice

8:30—10:00
Personal Property
Criminal Law
Domestic Relations

Lectures

A series of lectures by prominent attorneys will be given during the school year. Attendance is required of all students but no credit is given toward the degree. The lectures will pertain to the following subjects:

- Legal Ethics.
- Probate Practice and Procedure.
- Taxation Practice and Procedure.
- Brief Making and Preparation of Cases.
- Federal Jurisdiction and Procedure.
- Jurisprudence.
- Drafting and Construction of Statutes.

YOUNGSTOWN COLLEGE

COURSES

Courses are offered each year except where the year is indicated, in which case they are offered on alternate years.

AGENCY—Distinction between law of principal land agent, and law of master and servant; formation of relation of principal and agent; (1) by agreement, (2) by ratification, (3) by estoppel and (4) by necessity; termination of the relation; (1) by act of the parties and (2) by operation of law; irrevocable agencies; obligations and duties of agent; torts and frauds of agents; admission and notice; contracts made by agent on behalf of his principal, and torts between agent and third parties. *Two hours credit.*
Mr. Ford

BAILMENTS AND CARRIERS—Different forms of bailments; rights and liabilities of bailor and bailee to each other and to third persons; common carriers; federal and state regulation and control of carriers and the latest federal and state Statutes. *Two hours credit.*
Mr. Falls

COMMON LAW PLEADING—Venue, appearance, forms of actions, parties, pleading trial, motions and judgments as they were known and understood at common law. *Two hours credit.*
Mr. Maiden

CONFLICT OF LAW—The legal principles governing the application of laws of different jurisdictions to cause of action arising in one jurisdiction and enforced in another. Judgments; obligations; personal rights; property rights; and a general outline of the subject. (1941-42) *Two hours credit.*
Mr. Wyatt

CONSTITUTIONAL LAW—A study of the matters underlying the general principles of delegation of governmental powers, due process, police power, taxation powers of state and federal governments, interstate commerce, and unconstitutional laws generally. (1941-42) *Four hours credit.*
Mr. Church

CONTRACTS—Places of contract in our law; essentials of a valid contract; void, voidable, and unenforceable contract; offer and acceptance; Statute of frauds; consideration; capacity to contract; mistake, misrepresentation, fraud, duress, and undue influence; legality of object; contracts for benefit of third person; assignment in the law of contract; impossibility as affecting contracts; breach of contract and its legal effect; and discharge of contract. *Six hours credit.*
Mr. Gessner

CRIMINAL LAW—A study of the general principles relating to crimes, with a study of some of the essentials in criminal procedure. *Two hours credit.*
Mr. Gessner

CRIMINAL PROCEDURE—Arrest, bail, indictment and proceedings thereon, pleas, trials and matters incident thereto, and error proceedings. *Two hours credit.*
Mr. Gessner

DEBTORS' ESTATES, ADMINISTRATION OF—Composition agreements, receiverships, assignment for benefit of creditors, and proceedings in bankruptcy. (1940-41) *Two hours credit.*
Mr. Wyatt

LAW

DOMESTIC RELATIONS—Statutes and cases embracing the law of marriage, divorce and alimony; property and contract rights of husband and wife; antenuptial and postnuptial agreements; actions by one spouse against the other; parent and child; guardian and ward; rights and liabilities of infants; and care, custody and control of infants. (1940-41)

Two hours credit.

Mr. Church

EQUITY—This course consists of two parts. Equity I embraces the origin, history, general principles and scope of equity jurisprudence. Equity II deals with maxims and special heads of equity jurisprudence, such as trusts, recessions, reformation and cancellation; specific performance; injunction and receivers; estoppel; election; subrogations, mortgages and decedents' estates. The conclusion of this course consists of a study of equitable remedies.

Six hours credit.

Mr. Gessner

EVIDENCE—The law of evidence contains clear and ascertainable reasons for the admission or exclusion of proffered evidence, and we aim to show these reasons in connection with the subject in such a manner as to make the course both logical and profitable. Once the reason for a rule is understood, its memory and application are comparatively easy. In addition to the usual course, we give careful attention to the offer of evidence; the object to evidence; the ruling of evidence; exceptions to such rulings, and the building of a record for error or appeal proceedings.

Four hours credit.

Mr. Falls

INSURANCE—Fire, life, and accident insurance, with respect to: insurable interests; concealment; misrepresentation; warranties; other causes of invalidity of contract; amount of recovery; subrogation; conditions; waiver; estoppel, election and powers of agents; assignees and beneficiaries. (1941-42)

Two hours credit.

Mr. Wyatt

MORTGAGES—Forms, debts, foreclosures, redemption, sales, writ of restitution. (1941-42)

Two hours credit.

Mr. Church

MUNICIPAL CORPORATIONS—Creation, control, alteration, and dissolution of municipal corporations: their charters, proceedings, officers and agents; powers of agents; assignees and beneficiaries. (1940-41)

Two hours credit.

Mr. Wyatt

NEGOTIABLE INSTRUMENTS—Drawing forms of negotiable papers, forms and formal requisite; acceptance, transfer, and extinguishment; obligation of parties; effect of delay and diligence; bills of exchange; notice and protest; forgery and alteration. Special attention is given to the uniform negotiable instrument of law. Many Ohio decisions are cited and commented upon.

Two hours credit.

Mr. Wyatt

PARTNERSHIP—The creation of partnership; the purpose for which a partnership may be formed; the advantages and disadvantages of a partnership; the incidents of partnership; the rights and duties of partners toward each other; partnership property and the interest of a partner therein; of actions by and against the firm; dissolution of partnership assets; final accounting; limited partnerships and partnership associations. (1940-41)

Two hours credit.

Mr. Wyatt

YOUNGSTOWN COLLEGE

PERSONAL PROPERTY—Distinction between real and personal property, gift, bailment, liens, chattel mortgages, pledge, fixtures.

Two hours credit.

Mr. Falls

PLEADING AND PRACTICE—This is a thorough and extensive course and prepares the student to state accurately and concisely a cause of action or defense. Moreover, the course affords a general review of most of the substantive law preceding. Particular attention is given to forms of action and the declaration at common law. This is followed by a history of procedure and a careful study of the codes as exemplified by the statutes of New York and Ohio. These codes are illustrated and clarified by the study of many cases. We endeavor to make the course sound in theory and sufficiently practical to enable one leaving us to feel at home in the office or in the court room. To this end considerable attention is directed to the conduct of trials from the issuing of summons to the ending of a case in an appellate court. (1940-41)

Four hours credit.

Mr. Falls

PRIVATE CORPORATIONS—History and general principles; creation, organization, and citizenship; defacto corporations, the charter, franchise and privileges, powers, doctrine of ultra vires, torts and crimes; capital stock, stock subscriptions, rights of membership, voting trusts, transfer of shares, management; liability of stockholders; insolvency and dissolution.

Two hours credit.

Mr. Falls

QUASI CONTRACTS—Nature of obligation; restitution at law for benefits conferred under mistake of fact or mistake of law; benefits conferred in misreliance upon contract invalid, illegal, unenforceable, or impossible of performance; benefits conferred through intervention in another's affairs; benefits conferred under constraint; restitution as alternative remedy for breach of contract and for tort. (1940-41)

Two hours credit.

Mr. Church

REAL PROPERTY I—Introduction to the law of real property; the feudal system, theory of estates, non-possessory interests in land, joint ownership, disseizin, history of uses. Rights incidental to possession, including water rights in the land of another, including profits, easements, and licenses.

Two hours credit.

Mr. Church

REAL PROPERTY II—Covenants running with the land, including enforcement at law or in equity, and between landlord and tenant and fee owners; rents; waste; public rights in streams and highways.

Two hours credit.

Mr. Church

REAL PROPERTY III—Future Interests in Land—Future Interests; conditions, reversions, remainders and conditional limitations; Rule in Shelley's Case; future interests in personality; powers, rules against perpetuities.

Two hours credit.

Mr. Church

SALES—Subject matter of sale, executory and executed sales, stoppage in transit, fraud, warranties and remedies for breach of warranties, statute of frauds.

Two hours credit.

Mr. Pitts

LAW

SURETYSHIP—Guaranty and suretyship defined and distinguished; application of the Statute of Frauds; commercial guarantee bonds to secure private obligations; bonds of public officers; subrogation, contribution, and indemnity; surety defenses. (1940-41)

Two hours credit.

Mr. Wyatt

TORTS—Assault, battery, malicious prosecution, false imprisonment, negligence, deceit, slander, libel, and labor disputes.

Four hours credit.

Mr. Wyatt

TRUSTS — Lectures and Scott's Cases, embracing voluntary trusts, language and formalities necessary to the creation of a trust, resulting trusts, oral trusts, constructive trusts, executed and executory interests of trustees. (1941-42)

Two hours credit.

Mr. Church

WILLS—Testamentary capacity; dispositions in contemplation of death; execution, revocation, republication, and revival of wills; descent; liability of heirs for debt; probate and administration; title and powers of executors and administrators; payment of debts; legacies and distributive shares. (1941-42)

Two hours credit.

Mr. Wills

NOTE — Subjects taught, hours of instruction, tuition charges, case books, and all matters of a similar character are subject to change any time by the dean and president.

DEGREES CONFERRED
and
REGISTER OF STUDENTS

DEGREES CONFERRED, 1939

Bachelor of Laws

Best, William H.	Youngstown
Dalrymple, Allen J.	Youngstown
Heller, Robert N.	Warren
Kieltyka, Stephen George	Sharon, Pa.
Leach, Raymond A.	Warren
McDonald, Thomas S.	Hubbard
Walters, Roy E.	Youngstown

Bachelor of Arts

Barlett, John	Youngstown
Bartolo, William A.	Youngstown
Baugh, Robert E.	Youngstown
Beckman, William Andrew	Youngstown
Black, Mary Louise	Struthers
Blair, James Perry	Youngstown
Burton, Margaret Elizabeth	Youngstown
Cardelein, John Joseph	Youngstown
Cavanaugh, Robert Kennedy	Youngstown
Chance, Daniel Louis	Niles
Cline, Mary Margaret	Girard
Davis, Zylpha Irene	Youngstown
Elser, Galen E.	North Lima
Elser, Ralph E.	North Lima
Gondel, Thomas A.	Youngstown
Grizinski, Thaddeus A.	Campbell
Groves, Myron B.	Youngstown
Howard, Bryant J.	Warren
Inglis, Norman	Youngstown
Litvin, William V.	Niles
Mackil, David Eugene	Youngstown
Maggiano, Michael Anthony	Warren
Norton, Anastasia Nemenyi	Youngstown
Olds, Margaret Hope	Corry, Pa.
Parmenter, Marion Wilma	Youngstown
Proctor, Edward Langley	Youngstown
Remalia, Verne R.	Warren
Roberts, Thompson C., Jr.	Struthers
Schume, John	Youngstown
Scott, John Milton	Youngstown
Shively, Robert Walton	Mineral Ridge
Slessman, Dale Edward	Youngstown
Spagnuolo, Raymond James	Campbell
Stewart, Frank Leroy	Youngstown

YOUNGSTOWN COLLEGE

Stine, Charles Edward	Youngstown
Sylak, Stanley F.	McDonald
Tavolario, James A.	Youngstown
Van Court, Woodrow W.	Mineral Ridge
Whan, Katherine Mary	North Lima
Zebroski, Jean H.	Sharon, Pa.
Zellers, Charles N.	Columbiana

Bachelor of Science

Goeltz, Ruth Helen	Sharon, Pa.
Prezioso, Angelo Honorius	Youngstown

Bachelor of Science in Education

Gifford, Helen Irene	Youngstown
Hart, Mildred Stevens	Youngstown
Jones, Katherine	Lowellville
Moore, Francena Taylor	Struthers
Myers, Wilfried Theodore	Struthers
Palchefsky, Frances Jean	Youngstown
Powers, Mildred M.	Girard
Segall, Leonard W.	Youngstown
Stage, Margaret Eleanor	Youngstown
Weiss, Opal Ruth	Youngstown

Associate in Business Administration

Atkin, Walter Wells	Warren
Carlson, Arthur A.	Youngstown
Sepic, John	Lowellville
Wright, Raymond John	Warren

REGISTER OF STUDENTS

1939-1940

Liberal Arts and Science (Day)

Acks, William (Jr.) Struthers
 Agey, Howard (Soph.) Youngstown
 Agnone, Daniel (Jr.) Youngstown
 Agnone, Frances (Fr.) Youngstown
 Aiken, John (Soph.) Warren
 Alberts, Stanley (Irreg.) Niles
 Alley, Ruth (Fr.) Youngstown
 Allen, George (Soph.) Masury
 Alfiero, Fred (Fr.) Youngstown
 Amediuri, Robert (Fr.) Youngstown
 Anderson, Robert (Sr.) Youngstown
 Anderson, Thomas (Sr.) Brookfield
 Appel, Irving (Jr.) Youngstown
 Aron, Rose (Fr.) Youngstown
 Ashbaugh, Thelma (Soph.) Youngstown

 Baal, Joseph (Fr.) Youngstown
 Baker, Leonard (Sr.) Youngstown
 Balale, Michael, Jr. (Fr.) Campbell
 Barnes, James (Sr.) Youngstown
 Barrett, Marie (Jr.) Youngstown
 Barsodi, John (Soph.) Youngstown
 Bartholomew, Charles (Soph.) Warren
 Bartolo, Henry (Fr.) Youngstown
 Bartolo, William (P. G.) Youngstown
 Bascom, Marian (Soph.) Youngstown
 Basick, Joseph (Fr.) Warren
 Baskett, Glenn (Fr.) Warren
 Battafarano, Samuel (Fr.) Youngstown
 Bauschatz, Howard (Fr.) Youngstown
 Beadling, Florence (Soph.) Youngstown
 Beemer, Ralph (Soph.) Youngstown
 Beil, Burdetta (Fr.) Brookfield
 Belieff, Samuel (Soph.) Youngstown
 Bell, Caroline (Fr.) Youngstown
 Bender, Jack (Fr.) Canfield
 Bergman, Kenneth (Soph.) Youngstown
 Berman, Hilda (Soph.) Youngstown
 Bernard, James, Jr. (Fr.) Youngstown
 Bernat, Leo (Soph.) Youngstown
 Bertling, Mrs. Elaine (P.G.) Youngstown
 Bevington, Joel (Soph.) Youngstown
 Bickel, Henry (Fr.) Youngstown
 Bierkamp, Mary Louise (P.G.) Youngstown
 Birch, Homer (Sr.) Struthers
 Birchard, Betty (Soph.) Youngstown
 Birkovich, William (Jr.) Niles
 Blair, Howard (Soph.) Poland
 Bletso, Iris (Jr.) Youngstown
 Bobosh, George (Jr.) Campbell
 Bode, Dorothy (Sr.) Youngstown
 Holander, Clifford (Fr.) Youngstown
 Bolek, Ted (Fr.) Sharon, Pa.
 Bolster, Dorothy (Fr.) Youngstown
 Booth, Lucille (Fr.) Youngstown
 Bopp, Carl (Fr.) Youngstown
 Bowen, G. William (Soph.) Warren
 Bowles, George (Soph.) Youngstown
 Bowman, Edwin (Fr.) Youngstown
 Boyer, Thomas (Jr.) Cortland
 Brainard, Doris Cowdery (Sr.) Brookfield
 Brooks, Harold (Fr.) Niles
 Broseco, Norman (Sr.) Youngstown
 Brown, Betty (Jr.) Youngstown
 Brown, Darwyn (Fr.) Youngstown
 Brown, Rachel (Fr.) Columbiana
 Bryant, Mamie (Fr.) Youngstown
 Buccilli, Louis (Fr.) Campbell

 Bullock, Curtis (Soph.) Youngstown
 Burns, Robert (Soph.) Youngstown
 Burrows, Nell (Jr.) Hubbard
 Busher, Kathryn (Fr.) Youngstown
 Byerly, Virginia (Jr.) Canfield

 Calderon, Beatrice (Fr.) Youngstown
 Camp, William (Fr.) Warren
 Campana, Rosemarie (Fr.) Warren
 Campbell, Gordon (Fr.) Niles
 Campbell, Mary (Fr.) Girard
 Canale, Anthony (Jr.) Youngstown
 Candella, John (Fr.) Campbell
 Carbin, Sturgis (Jr.) Youngstown
 Carnevale, Richard (Fr.) Youngstown
 Carroll, Helen (Fr.) Youngstown
 Cassidy, Charles (Jr.) Warren
 Cavanaugh, Richard (Fr.) Youngstown
 Cebriac, John (Irreg.) Youngstown
 Chagnot, Jean (2 yr. Sec.) Youngstown
 Chamberlin, Josephine (2 yr. Sec.) Cortland
 Chaplow, Neil (Fr.) East Palestine
 Chelekis, Cleo (Fr.) Youngstown
 Cheven, Harold (Fr.) Youngstown
 Chrystal, John (Fr.) Youngstown
 Chuey, Steve (Soph.) Poland
 Church, Pauline (Soph.) Youngstown
 Church, Elizabeth (Jr.) Youngstown
 Chutz, Rose-Marie (Fr.) Lowellville
 Clause, Robert (Fr.) Youngstown
 Clingan, Claude (Fr.) Youngstown
 Close, Mildred (Fr.) Youngstown
 Clower, Lynn, Jr. (Fr.) Warren
 Coe, Margaret Ann (Fr.) Youngstown
 Colclaser, Francis (Fr.) Sharon, Pa.
 Colgrove, William (Fr.) Youngstown
 Colleran, Lillian (P.G.) Youngstown
 Comsia, Wilma (Fr.) Youngstown
 Congemi, John (Fr.) Youngstown
 Conner, Harry (Fr.) Youngstown
 Conway, Billie Sue (Sr.) Struthers
 Cook, Edward (Fr.) Youngstown
 Cooper, Mary Helen (Fr.) Youngstown
 Corletzi, Carl (Jr.) Youngstown
 Corrado, Joseph (Soph.) Youngstown
 Corroto, Vincent (Fr.) Youngstown
 Costa, Rose (Fr.) New Castle, Pa.
 Cox, Dolores (Fr.) Youngstown
 Coyle, Frank (Fr.) Youngstown
 Coyle, James (Fr.) Youngstown
 Coyle, Mary Kathryn (2 yr. Sec.)
 Youngstown
 Coyne, Robert (Soph.) Youngstown
 Crawford, Thomas (Soph.) Youngstown
 Criscione, James (Fr.) Youngstown
 Curl, Richard (Fr.) Youngstown
 Cutler, William (Fr.) Youngstown

 Davies, Emily Jane (Sr.) Lowellville
 Davies, Gladys (2 yr. Sec.) Youngstown
 Davies, Ruth (Fr.) Youngstown
 Davis, Iva (Fr.) Hubbard
 Davis, Marjorie (Fr.) Youngstown
 Davis, Robert (Fr.) Youngstown
 Davis, Robert Loren (Fr.) Youngstown
 Dean, O. Virginia (Sr.) Youngstown
 Dean, Paul (Sr.) Struthers
 DeArment, Harold (Fr.) Bessemer, Pa.

YOUNGSTOWN COLLEGE

- DeArment, Richard (Fr.) Bessemer, Pa.
 Dearth, Homer (Fr.) Niles
 DeBartolo, Sylvia (Soph.) Youngstown
 DeCola, Joseph (Soph.) Youngstown
 DeLimos, Constance (Soph.) Youngstown
 Dent, Beryl (Fr.) Youngstown
 Devine, Sylvanus (Sr.) Struthers
 Dicola, Edward (Fr.) Niles
 Dillon, James (Sr.) Youngstown
 Dimitroff, Lillian (Fr.) Youngstown
 Dingley, Fred (Fr.) Youngstown
 DiPiero, Phil (Fr.) Youngstown
 D'Isa, Frank (Fr.) Youngstown
 Dixon, Phoebe Jane (Sr.) Camp Hill, Pa.
 Dolan, Louis (Fr.) Youngstown
 Dollison, James (Fr.) Youngstown
 Dolney, Ann (Fr.) Struthers
 Donnan, Eleanor (Jr.) Youngstown
 Dornou, Clair (Soph.) East Palestine
 Downey, John (Soph.) Sharon, Pa.
 Downie, Alex (Soph.) Youngstown
 Downs, Julia (Jr.) Youngstown
 Dray, Bill (Fr.) Mineral Ridge
 Dressel, Marietta (Fr.) Poland
 Dull, Anthony (Soph.) Dunkirk, N. Y.
 Durbin, Robert (Fr.) Lowellville
 Durig, Mary Helen (2 yr. Sec.) Brookfield
 Durig, Melvina (Jr.) Hubbard
 Durivage, Arthur (Soph.) Youngstown
 Dusi, Edward (Fr.) Sharon, Pa.
 Dustman, William (Soph.) Warren
 Dutton, James (Fr.) Poland
- Edie, Robert (Fr.) Youngstown
 Edwards, Suzanne (Soph.) Youngstown
 Elder, Max (Sr.) Warren
 Elser, Galen (P.G.) North Lima
 Emch, Paul (Sr.) Youngstown
 Engster, Harry (Fr.) Warren
 Englehart, Carl (Fr.) Youngstown
 Enterline, Edwin (Soph.) Youngstown
 Enterline, S. Walter (Sr.) Youngstown
 Erickson, Willard (Fr.) Youngstown
 Eriksson, Esther (Soph.) Youngstown
 Erskine, Dorothy Mae (Fr.) Youngstown
 Estes, John (Sr.) Youngstown
 Evans, Arch, Jr. (Fr.) Niles
 Evans, David (Fr.) Campbell
 Evilsizer, Mildred (Fr.) Niles
- Fairbanks, Edith (Sr.) Youngstown
 Farkas, Anthony (Soph.) Warren
 Farr, Howard (Fr.) Youngstown
 Fasson, Roy (Fr.) Campbell
 Faust, Alice (Fr.) Youngstown
 Fechete, Sofron (Soph.) Youngstown
 Feicht, Shirley (Fr.) Salem
 Feldstein, George (Jr.) Negley
 Fellers, Marjorie (Soph.) Youngstown
 Fete, John (Soph.) Warren
 Findley, Betsy (Soph.) Poland
 Findley, Nancy (Jr.) Poland
 Finnezen, Adelaide (Fr.) Youngstown
 Finzel, Frederick (Jr.) Youngstown
 Fisher, Roy (Soph.) Youngstown
 Fisher, Woodrow (Soph.) Youngstown
 Fitch, Arthur (Soph.) Youngstown
 Fitch, Donald (Fr.) Warren
 Fitch, Virginia (Soph.) Youngstown
 Fitori, Nancy (Fr.) Youngstown
 Fitzsimons, William (Jr.) Youngstown
 Fleming, Mrs. Andrew (Irreg.) Youngstown
 Fleming, Dorothy (Sr.) Youngstown
 Flickinger, Louis (Fr.) Youngstown
 Fodor, Robert (Soph.) Youngstown
 Foley, Howard (Soph.) Youngstown
 Founner, Edwin (Fr.) Poland
 Ford, Jean (Soph.) Youngstown
 Formicelli, Arthur (Sr.) Youngstown
 Foster, Paul (Fr.) Youngstown
 Fox, Annette (Soph.) Youngstown
 Fox, Ruth (2 yr. Sec.) Youngstown
 Frech, John (Fr.) Niles
- Freed, Ralph, Jr. (Fr.) Youngstown
 Freundl, Robert (Fr.) Youngstown
 Friedman, Eleanor (Fr.) Youngstown
 Friedrich, Fredrick (Fr.) Youngstown
 Fritz, Theora (Soph.) Warren
 Froomkin, Irving (Soph.) Youngstown
 Fulton, Jack (Fr.) Youngstown
 Fusco, Jack (Fr.) Youngstown
 Fuzy, Paul (Fr.) Youngstown
- Gallagher, Pete Robert (Sr.) Youngstown
 Gardner, Marian Josephine (Soph.) Girard
 Garnick, George (Fr.) Struthers
 Garver, Armin R. (Soph.) Youngstown
 Gayetsky, Matilda (Sr.) Campbell
 Getsky, Rita (Fr.) Youngstown
 Geho, Theodore Quentin (Fr.) McDonald
 Geiger, Russell E. (Fr.) Youngstown
 Gelbke, Herman Rudolf (Fr.) Brookfield
 Gentile, Tony (Fr.) Youngstown
 Giardullo, John (Jr.) Youngstown
 Giardullo, Wilma Rose (Soph.) Youngstown
 Gilboy, James Thomas (Jr.) Youngstown
 Gill, Betty Louise (Fr.) Masury
 Gill, Sloko (Soph.) Campbell
 Gillam, George James (Fr.) Youngstown
 Gillespie, Eugene Edward (Soph.) Youngstown
 Ginn, Emnia Katherine (Fr.) Youngstown
 Glasgow, George Richard (Fr.) Youngstown
 Glass, Bernard (Fr.) Youngstown
 Goddard, George Lanson (Fr.) Youngstown
 Goeltz, Esther M. (Sr.) Sharon, Pa.
 Gogesch, William (Fr.) Campbell
 Gold, Mary (P.G.) Youngstown
 Goms, Eugene J. (Jr.) Warren
 Grandmontagne, Robert Dewar (Jr.) Youngstown
 Graneto, John James (Soph.) Youngstown
 Granito, Frank (Jr.) Youngstown
 Green, Jack (Fr.) Youngstown
 Gribbon, James Edward (Fr.) Youngstown
 Grist, Frank Joseph (Soph.) Lowellville
 Gross, Alden E. (Soph.) Canfield
 Grosshandler, Sander (Fr.) Youngstown
 Guncsiey, Inez Elizabeth (Soph.) Brookfield
 Gustafan, Helene Mary (2 yr. sec.) Campbell
- Hadsell, Geraldine Lucille (Soph.) New Castle, Pa.
 Hagedorn, Enid (Jr.) Columbiana
 Hagerty, Sarah Luella (Fr.) Youngstown
 Hagman, Roland Philip (Soph.) Youngstown
 Hanna, Joe D. Jr. (Sr.) Struthers
 Hrazsym, Alexander (Sr.) Youngstown
 Harchalk, George (Fr.) Warren
 Hardie, George Irvine (Soph.) Youngstown
 Harkless, Betty Jane (Fr.) Youngstown
 Harrison, Bert M. (Soph.) Youngstown
 Harrison, Frank Thomas (Soph.) Sharon, Pa.
 Harrold, Mary Kathryn (Fr.) New Waterford
 Harry, Mildred Ruth (Fr.) Youngstown
 Hart, Vaughan (Sr.) Youngstown
 Hathorn, Thelma K. (Mrs.) (Irreg.) Youngstown
 Haus, Frank Ed. (Fr.) Youngstown
 Haymond, Constance Yvonne (Fr.) Youngstown
 Haynes, Floyd (Sr.) Youngstown
 Headd, John Emery (Soph.) McDonald
 Heber, James E. (Soph.) Newton Falls
 Hedberg, LeRoy Edward (Fr.) Bessemer, Pa.
 Hedlund, Robert L. (Soph.) Youngstown
 Hellman, Dick Joseph (Fr.) Youngstown
 Hensch, Ruth Edna (Soph.) Youngstown
 Heizler, Fred Donald (Fr.) Leavittsburg
 Hibben, Lawrence Michael (Soph.) Youngstown

REGISTER OF STUDENTS

- Hibler, Avis Margaret (Sr.) Hubbard
Hickey, Philip Patrick (Jr.) Youngstown
Hill, Esther Loreen (Fr.) Struthers
Hobart, Virgil Albert (Soph.) Youngstown
Holztrager, Brigitta (Fr.) Youngstown
Hoover, Harold Edward (Fr.) Youngstown
Hoover, J. Charles (Soph.) Youngstown
Horner, Virginia Belle (Sr.) Youngstown
Horst, Robert E. (Soph.) Columbiana
Hotis, Irving (Soph.) Youngstown
Hribar, Herbert Henry (Fr.) Bessemer, Pa.
Hrlich, Stephen Francis (Soph.) Youngstown
Huber, Marguerite H. (Fr.) Niles
Hubert, Carl R. (Fr.) Youngstown
Hudak, Michael John (Fr.) Campbell
Hughes-Jones, Renald (Soph.) Youngstown
Humbert, Hazel Virginia (Fr.) Girard
Hummel, Ruth Estner (Fr.) Youngstown
Hurst, Clifford Charles (Fr.) Youngstown
Hurst, Robert (Fr.) Youngstown
Husted, Alice Jane (2 yr. sec.) Farmdale
- Ibison, Richard A. (P.G.) Youngstown
Iant, Margaret Jean (Sr.) Warren
- Jackson, Franklin Fitch (Fr.) Youngstown
Jackson, Joseph Henderson, Jr. (Fr.) Poland
- Jaczko, Catherine Marie (Soph.) Youngstown
Jaczko, Frank Joseph (P.G.) Youngstown
Jakes, Hilda Uzila (Fr.) North Lima
James, Cyril Campbell (Fr.) Youngstown
James, Ethelyn Claire (Soph.) Youngstown
James, Gordon David (Soph.) Warren
Jebb, William Holly (Fr.) Ravenna
Jenkins, Harriette Louise (Fr.) Youngstown
Jenks, Mildred N. (Mrs.) (P.G.) Youngstown
Jenosevich, Stephen Charles (Soph.) Youngstown
Johns, Fred Willard (Fr.) New Castle, Pa.
Johnson, Kenneth M. (Fr.) Youngstown
Jones, Betty Mae (Jr.) Youngstown
Jones, Charlotte Elaine (2 yr. sec.) Youngstown
Jones, Edward Doeright (Soph.) Youngstown
Jones, Jean Sara (2 yr. sec.) Warren
Jones, John James, Jr. (Fr.) Girard
Jones, Marcia L. (2 yr. sec.) Youngstown
Jones, Norma Claire (Soph.) Youngstown
Jones, Phyllis Catherine (Soph.) Youngstown
Jones, Sara Arlene (Fr.) Niles
Jones, Wilbur Devereaux (Sr.) Youngstown
Joseph, Edward Francis (Soph.) Youngstown
Julius, Carmen James (Sr.) Campbell
Justice, Frances Marcia (P.G.) Youngstown
- Kalivas, George Peter (Soph.) Youngstown
Kalver, Ruth Jo (Sr.) Youngstown
Kalwarski, Ed Stanley (Fr.) Sharon, Pa.
Karolewski, Elizabeth Ann (2 yr. sec.) Farrell, Pa.
Kasmer, William John (Soph.) Youngstown
Katicos, William J. (Jr.) Niles
Kavouklis, Gus John (Fr.) Campbell
Kenne, Agnes Jeannette (Soph.) New Castle, Pa.
Kearns, Harold Francis (Fr.) Youngstown
Keiser, John Edward (Sr.) Youngstown
Keiser, Robert Earl (Fr.) Youngstown
Kennedy, Cornelius Bruce (Fr.) Youngstown
Kennedy, John Karl (Soph.) Youngstown
Kennedy, Rita Claire (Soph.) Youngstown
Kenney, Joseph B. (Sr.) Youngstown
Kenreich, Lois Lucille (Fr.) Youngstown
Kepko, Albert John (Soph.) Youngstown
Kern, Brunetta Ann (Sr.) Canfield
King, Carolyn Alice (Fr.) Youngstown
King, June Louise (2 yr. sec.) Youngstown
- Kinon, Mabel (Spec.) Youngstown
Kirchner, Margaret Ruth (Soph.) Youngstown
Kirila, Michael Joseph (Fr.) Mercer, Pa.
Kitko, Frank Vincent (Fr.) Youngstown
Knight, Bill (Fr.) Girard
Knight, Irvin S. (Fr.) Youngstown
Knouss, Caroline Frances (Sr.) Youngstown
Knox, Carolyn May (P.G.) Youngstown
Konimorgan, Jeanne Stewart (Soph.) Youngstown
Kollmann, Charles Edward (Soph.) Hubbard
Krajci, Victor Stephen (Jr.) Youngstown
Kramer, Paul James (Soph.) Youngstown
Kreitzburg, Harry Lee (Fr.) Youngstown
Kreuzwieser, Irma Minetta (Fr.) Youngstown
Krupa, Michael Stephen (Soph.) Youngstown
Kubina, Frank John (Jr.) Youngstown
Kulikoff, David Philip (Fr.) Youngstown
Kulikoff, Sidney Louis (Jr.) Youngstown
Kundis, Lawrence Edward (Jr.) Youngstown
Kurjan, Phelps Schiff (Jr.) Youngstown
Kurtz, John Lewis (Soph.) Columbiana
Kurz, Robert Herbert (Fr.) Youngstown
- Landis, Robert William (Fr.) Youngstown
Landelt, John Robert (Fr.) Youngstown
Lane, Richard Franklin (Fr.) Warren
Lang, Robert Eugene (Soph.) Canfield
Larson, Henry Richard (Spec.) Youngstown
Lasko, Leonard Michael (Soph.) Youngstown
Latimer, Ethel M. (Mrs. (Jr.) Youngstown
Lauar, George (Fr.) Youngstown
Lawhorn, Joseph Orlando (Fr.) Youngstown
Leach, Virginia Browne (Soph.) Youngstown
Leach, William Joseph (Fr.) Youngstown
Leeson, John Willis (Fr.) Youngstown
Leighninger, David Scott (Fr.) Youngstown
Levin, Morris (Fr.) Youngstown
Levoli, Harold Earl (Sr.) Youngstown
Lewis, Margaret Alice (2 yr. sec.) Youngstown
Lindgren, Willard Eugene (Soph.) Youngstown
Lindsay, James Armstrong (Jr.) Niles
Liskay, Geza Gabriel (Soph.) Youngstown
Long, El. S. (Jr.) Cortland
Love, Norma Elizabeth (Jr.) North Lima
Loveless, Philip Martin, Jr. (Fr.) Warren
Lovell, Margaret Ann (Soph.) Youngstown
Lucas, Josephine LaVerne (Fr.) Struthers
Luszczyk, Edward Theodore (Fr.) Youngstown
Lynch, Edward Patrick (Jr.) Youngstown
Lynch, Elizabeth Alice (Sr.) Youngstown
Lynn, Ralph Hiram (Jr.) Canfield
- McComb, Jean Christine (P.G.) Youngstown
McConnell, John Walter (Soph.) Hubbard
McCorkle, Betty Jean (Jr.) Warren
McCormick, Edith Evalena (Fr.) Youngstown
McDermott, Betty Jane (Fr.) Youngstown
McFadden, James D. (Fr.) Youngstown
McFarland, Margaret Jane (Soph.) Youngstown
MacGoogan, Margaret M. (Jr.) Youngstown
McKibben, Burt H. (Spec.) Niles
McKibben, Florence Margaret (Sr.) Newton Falls
McKnight, James Ross (Soph.) Youngstown
McLaughlin, Frank John (Jr.) Youngstown
McLaughlin, Keith Joseph (2 yr. sec.) Youngstown
McMillin, Eleanor Jane (Fr.) Youngstown
MacBurney, Paul Raymond (Soph.) Warren
Macela, Andy (Soph.) Campbell
Mackil, Dave E. (P.G.) Youngstown
Mackin, William Edward (Fr.) Struthers

YOUNGSTOWN COLLEGE

- Maddocks, William Henry (Fr.) Youngstown
 Madison, Gertrude Louise (Soph.) Niles
 Malys, Walter (Soph.) Campbell
 Markell, Joe Sam (Fr.) New Castle, Pa.
 Marsh, John Edward (Soph.) Warren
 Martin, Harris (Fr.) Warren
 Martin, John Myron (Fr.) Warren
 Martin, Marorie Mae (Fr.) Girard
 Marzullo, Sam (Fr.) Warren
 Masto, Angelyn (Fr.) Youngstown
 Matulik, Barbara Marie (Soph.) Youngstown
 Maze, Kathryn Louise (2 yr. sec.) Struthers
 Mazzocco, Samuel (Fr.) Youngstown
 Mazias, Joe Anthony (Fr.) Campbell
 Medicus, Mark John (Sr.) Youngstown
 Medvec, Martin Donald (Fr.) Struthers
 Meehan, Raphael Martin (Sr.) Youngstown
 Mehit, Eva (Fr.) Girard
 Meissner, Margaret Mary (Fr.) Youngstown
 Meissner, Scott Curren (Fr.) Youngstown
 Melek, Andrew (Fr.) Campbell
 Mellinger, Paul Riblet (Soph.) Youngstown
 Meinig, Walter (Fr.) Campbell
 Meredith, William Fenton (Soph.)
 Youngstown
 Mesch, Betty Martha (2 yr. sec.)
 Youngstown
 Meyer, Allan William (Soph.) Youngstown
 Mickler, Lawrence Henry (Fr.) Struthers
 Miele, James Mike (Soph.) Niles
 Mikita, Joseph S. (Jr.) Youngstown
 Milarr, Patty Jayne (Fr.) Youngstown
 Miller, Betty Alvinna (Soph.) Youngstown
 Miller, David Hugh (Fr.) Sharpsville, Pa.
 Miller, James Stuart (Soph.) Youngstown
 Miller, Warren Alfred (Fr.) Youngstown
 Mills, William Harry (Fr.) Warren
 Mines, Clara Louise (Soph.) Youngstown
 Modarelli, Violet Mae (Fr.) Youngstown
 Moga, Nicolae George (Fr.) Hubbard
 Mogus, Leo John (Fr.) Youngstown
 Moliterno, Anthony Joseph (Sr.) Girard
 Molnar, William Frank (Sr.) Youngstown
 Montasana, James Fusco (Soph.)
 Youngstown
 Moody, Harry Jacob (P.G.) Youngstown
 Moore, Anna Mae (Fr.) Poland
 Moore, Gladys Arlene (Fr.) Hubbard
 Moreman, Carolyn Betty (Soph.)
 Youngstown
 Moreman, Miriam Elizabeth (Soph.)
 Youngstown
 Morgan, Jack William (Fr.) Youngstown
 Morrison, Betty Therese (Soph.)
 Youngstown
 Mounts, Richard Burns (Fr.) Youngstown
 Mucci, Victor C. (Fr.) Youngstown
 Murray, Camille Marorie (Soph.) Warren
 Musiychuk, Olga (Fr.) Youngstown
 Mussin, Freda Louise (Jr.) Youngstown
 Myerovich, Alvin (Sr.) Youngstown
 Mylott, Thomas McGraw (Fr.) Youngstown

 Naples, Jennie L. (Spec.) Youngstown
 Naples, Ralph (Jr.) Youngstown
 Nateman, Nathan (Soph.) Youngstown
 Neag, Martha (Fr.) Youngstown
 Nelson, Glenn Francis (Fr.) Bessemer, Pa.
 Nelson, William Gerald (Sr.) Bessemer, Pa.
 Nesselbush, Louis Konrad (Fr.) Youngstown
 Newell, John J. (Fr.) Columbiana
 Newhouse, Mary Eoline (Soph.) Warren
 Newark, Sidney Monroe (Fr.)
 Youngstown
 Noll, Myron F. (Soph.) Youngstown
 Notary, Marietta Bertha (Soph.) Struthers

 Oakley, Kenneth (Fr.) Youngstown
 Obenuuf, Frederick H. (Sr.) Youngstown
 O'Hara, G. Stuart (Fr.) Youngstown
 O'Hara, Jane Louise (Jr.) Youngstown
 O'Hare, Floyd Robert (Fr.) Sharon, Pa.
 O'Neill, Mary Theresa (Jr.) Youngstown

 Opritzka, Pauline Anna (Fr.) Youngstown
 Orgovan, Margaret Elizabeth (2 yr. sec.)
 Youngstown
 Orlando, Michael Edward (Fr.) Youngstown
 Ostrowski, Eddie Michael (Soph.)
 Youngstown
 Owen, Eleanor Louise (Soph.) Warren
 Owens, James Patrick (Fr.) Warren

 Pacek, Ed Louis (Fr.) Youngstown
 Paczak, John (Fr.) Farrell, Pa.
 Padach, John Edward Jr. (Fr.) Youngstown
 Pagliassotti, Geno Peter (Fr.) Hubbard
 Palchefsky, Nick (Fr.) Youngstown
 Pallante, Paul Joseph (Soph.) Niles
 Pallotta, Armand (Fr.) Youngstown
 Pallotta, Elena Patricia (Spec.)
 Youngstown
 Pallotta, Henry (Soph.) Youngstown
 Panik, Irene M. (Soph.) Youngstown
 Parenti, Ernest Anthony (Fr.) Campbell
 Parfenchuk, Olga (Soph.) Youngstown
 Parker, Richard Louis (Fr.) McDonald
 Parm, Joseph Douglas (Jr.) Youngstown
 Pasten, Mary Annette (Fr.) Campbell
 Pastore, Samuel Martin (Soph.)
 Youngstown
 Pasvanis, George Alex (Fr.) Youngstown
 Patrick, Phyllis Jean (Soph.) Youngstown
 Patrick, Winifred Helen (Sr.) Youngstown
 Patterson, Jacob Baylor (Fr.) Youngstown
 Patterson, Jean Ann (Soph.) Youngstown
 Patterson, John L. (Fr.) Youngstown
 Patterson, William Wilson (Soph.)
 Youngstown
 Paul, Harry A. (Soph.) New Castle, Pa.
 Pavone, Mary (Fr.) Youngstown
 Perantoni, Matzie Nino (Soph.) Youngstown
 Perruzzi, Nunzio John (Fr.) Youngstown
 Peskin, Morton Bert (Fr.) Youngstown
 Peterson, Christina Virginia (Jr.)
 Youngstown
 Peterson, Shirley Lucile (Jr.)
 Lakewood, N. J.
 Petrek, John Edward (Fr.) New Middletown
 Phillips, Gene Arthur (Fr.) Youngstown
 Piccolo, Anthony D. (Jr.) Campbell
 Pickup, Carter Howard (Fr.) Warren
 Pierko, John (Soph.) Niles
 Pisani, Almond (Sr.) Youngstown
 Pitlik, Elmer Steve (Fr.) Campbell
 Pittenger, Alice Jane (2 yr. sec.)
 East Liverpool
 Plecha, Stanley L., Jr. (Soph.) McDonald
 Polyack, Michael Thomas (Fr.) Youngstown
 Bonzio, Anthony T. (Fr.) Youngstown
 Pool, Bettie Louise (Fr.) Warren
 Popa, Mary Ann (Fr.) Campbell
 Porter, Marie Louise (P.G.) Youngstown
 Potor, Valentina Annette (Sr.) Campbell
 Powell, Dale Basil (Fr.) Canfield
 Powell, Norma Jayne (Fr.) Youngstown
 Powers, Cleo Ann (Fr.) Youngstown
 Powers, John Read (P.G.) Girard
 Pressly, John Jackson (Jr.) Campbell
 Price, Marjorie Palma (Soph.) Youngstown

 Quaw, Mary Emma (Fr.) Youngstown

 Ramsey, Victor Lee (Sr.) Youngstown
 Randall, Marjorie Alice (Soph.)
 Youngstown
 Rancy, Vincent Anthony (Jr.) Struthers
 Rau, John, Jr. (Jr.) Campbell
 Raub, Jean Eleanor (2 yr. sec.) Youngstown
 Ray, Eugene Miller (Fr.) Youngstown
 Ray, Gerald Harmon (Fr.) East Brady, Pa.
 Reed, Kennedy Clair (Sr.) Youngstown
 Reed, Arnold G. (Fr.) Youngstown
 Reese, Clyde Wesley (Fr.) Youngstown
 Reich, Margaret Regina (Soph.)
 Youngstown
 Revis, Robert Louis (Fr.) Oakfield

REGISTER OF STUDENTS

Rheuban, Norman Allen (Soph.)
 Youngstown
 Rhoades, Lillian Carol (Fr.) Youngstown
 Rhoades, Nellie (Sr.) Youngstown
 Richards, Edwin Dallas (Fr.) Mineral Ridge
 Richards, Harry Clifford (Soph.)
 Youngstown
 Richter, George William (Fr.) Canfield
 Righter, Florence (Soph.) Youngstown
 Rizak, Frank Al (Soph.) Youngstown
 Roberts, Charles Doria (P.G.) Youngstown
 Robinson, Henry Charles (Fr.) Youngstown
 Robinson, Romeo James (Sr.) Youngstown
 Rodgers, Ernest V. (Fr.) North Lima
 Rodgers, Jeannette Helen (Soph.)
 Youngstown
 Rolke, William (Fr.) Youngstown
 Romack, Paul Nelson (Fr.) Youngstown
 Rosapepe, Carl John (Jr.) Youngstown
 Ross, Sam (Soph.) Struthers
 Rostan, Virginia Frances (Fr.) Girard
 Rotar, John Jr. (Sr.) Campbell
 Rott, Robert Kenneth (Soph.) Youngstown
 Rotzel, Richard Glenn (P.G.) Youngstown
 Rudjak, Joseph Stanley (Sr.) Campbell
 Rukenbrod, Sarah Elizabeth (Fr.)
 Youngstown
 Rylander, Donald Knute (Soph.)
 Youngstown
 Sabo, Carl Joseph (Fr.) Farrell, Pa.
 Sanders, Lorraine Elizabeth (Fr.)
 Sharon, Pa.
 Sandy, Anthony Dominic (Fr.) Youngstown
 Sardich, John (Soph.) Youngstown
 Saunders, Robert Arthur (Sr.) Youngstown
 Saunders, Ruth Maria (Soph.) Youngstown
 Sause, Jean R. (Jr.) Youngstown
 Savarino, Paul Philip (Fr.) Youngstown
 Sbrocco, Antoinette Dolores (Fr.)
 Campbell
 Scally, Geraldine Theresa (2 yr. sec.)
 Youngstown
 Scanlon, James Patrick (Fr.) Youngstown
 Scarnecchia, Claramae (Mrs.) (Fr.)
 Youngstown
 Scheetz, John Leonard (2 yr. sec.)
 Youngstown
 Schmid, Ruth Catherine (P.G.) Youngstown
 Schmotzer, Joseph Frank (Fr.) Youngstown
 Schrock, Carl Thelmer (Jr.) Youngstown
 Schrock, Robert Eugene (Fr.) Youngstown
 Schuller, Emma Margaret (Fr.)
 Youngstown
 Schultz, Martha Lehn (Fr.) Youngstown
 Schwager, George J. (Jr.) Youngstown
 Schwartz, Mike Emil (Soph.) Campbell
 Schwers, Jane Ellen (2 yr. Sec.)
 Youngstown
 Scott, James Grant (Fr.) Youngstown
 Scott, Jean Kathryn (Fr.) Youngstown
 Seruggs, William (Sr.) Struthers
 Segreti, Joe Fidel (Fr.) Youngstown
 Seidner, Robert Allen (Soph.)
 New Springfield
 Sexton, Ann (Mrs.) (Spec.) Youngstown
 Shaffer, John Edward (Fr.) Struthers
 Shears, Arthur Dale (Fr.) Struthers
 Sheldon, Stanley William (Soph.)
 Youngstown
 Sheridan, Arthur Robert J. (Fr.)
 Brookfield
 Shilling, George Donald (Fr.) Youngstown
 Shoemaker, Zua (P.G.) Youngstown
 Shoup, Archie Albert, Jr. (Fr.) Youngstown
 Simchick, John Anthony (Soph.) Campbell
 Simone, Helen Lucille (Fr.) Youngstown
 Simon, Ralph Eugene (Fr.) Youngstown
 Simons, Jack Woodrow (Soph.) Girard
 Sirbu, Ironim James (Irreg.) Youngstown
 Slaman, Alice (Fr.) Youngstown
 Skerags, Leonard Tucker (Sr.) Youngstown
 Skerratt, Ralph William (Jr.) Girard
 Sladen, June Elizabeth (Fr.) Girard
 Slater, Mary Estelle (Fr.) Sharon, Pa.
 Slater, Twila Mae (Fr.) Burghill
 Slattery, Jack R. (Fr.) Youngstown
 Slaugenhaupt, Hugh Earseman (Jr.)
 McDonald
 Slifka, Virginia Theresa (Soph.)
 Youngstown
 Slike, Frank (Fr.) Struthers
 Smith, Cleon B. (Soph.) Warren
 Smith, Harris Heath (Fr.) Leavittsburg
 Smith, Margaret Virginia (2 yr. Sec.)
 Youngstown
 Smith, Mary Anne (Soph.) Newton Falls
 Smith, Mildred Mae (2 yr. Sec.) Sharon, Pa.
 Smith, Wade Wilson (Soph.) Youngstown
 Smotrilla, Margaret Mary (Fr.)
 Youngstown
 Snavely, Beatrice Eleanor (Sr.)
 Youngstown
 Sofranko, John T. (Sr.) Youngstown
 Somerville, Pauline Elizabeth (Soph.)
 Hubbard
 Somple, Cecelia (Jr.) Girard
 Sontag, Richard Arthur (Soph.)
 Youngstown
 Soos, Anne Audrey (Sr.) Youngstown
 Soppelsa, Anthony Joseph (Fr.)
 Youngstown
 Sosnowchik, John (Fr.) Campbell
 Southwick, Dorothy Louise (Soph.)
 Warren
 Spain, John Richard (Soph.) Warren
 Spangel, Steve (Fr.) Youngstown
 Spiroto, George Nicholas (Fr.) Campbell
 Spurio, Joe Albert (Fr.) Youngstown
 Stanley, Esther Jane (Sr.) Canfield
 Stanton, Jean Margaret (Fr.) Youngstown
 Starkweather, Mary R. (Sr.) Youngstown
 Starn, Rae Kay (Fr.) Youngstown
 Starr, Myron Ferris (Fr.) Youngstown
 Steadman, Marion Dorothy (Jr.)
 Youngstown
 Sterling, J. Robert (Soph.) Youngstown
 Stevens, Anthony Thomas (Soph.)
 Youngstown
 Stewart, Ralph Franklin (Fr.)
 New Springfield
 Stola, Dan (Fr.) Youngstown
 Stone, William (Fr.) Alliance
 Strausbaugh, Mary Virginia (Soph.)
 Youngstown
 Streiner, Paul Frederick (Fr.) Youngstown
 Suchanek, Lillian Agnes (Fr.) Girard
 Sullivan, Gretchen Gypsy (Fr.) Niles
 Sumner, Clarence Wesley (Sr.) Youngstown
 Suszan, Michael J. (Soph.) Masury
 Sweeney, Asher William (Fr.) Canfield
 Sweeney, Irene Harriet (Fr.) Youngstown
 Taylor, Martha Christine (P.G.)
 Youngstown
 Tecau, Troyan (Jr.) Youngstown
 Telego, Stanley Samuel (Fr.) Poland
 Terlecki, Frank (Fr.) Youngstown
 Thomas, Charles William (Jr.) Niles
 Thomas, Evan Arthur (Fr.) Poland
 Thomas, Jean G. (Soph.) Youngstown
 Thomas, Ralph Alexander (Fr.) Kinsman
 Thomas, Richard Franklin (Sr.)
 Youngstown
 Thomas, Robert Jones (Jr.) Youngstown
 Thompson, Helen Faht (P.G.) Poland
 Thompson, Lawrence Carson (Jr.)
 Youngstown
 Tidd, Cynthia Lucretia (Sr.) Youngstown
 Tobin, Paul C. (Jr.) East Liverpool
 Tod, M. Donald (Jr.) Youngstown
 Tomason, Lucille Della (Fr.) Youngstown
 Tomb, Dave D. (Fr.) Canfield
 Toth, Alfred Andy (Fr.) Campbell
 Trant, John Patrick (Fr.) Struthers
 Treff, George Nick (Fr.) Youngstown

YOUNGSTOWN COLLEGE

Tribby, Claribel (Soph.) Masury
 Tribby, Geraldine (Fr.) Masury
 Trier, Jack (Soph.) Youngstown
 Trigg, Hastings Sydney (Sr.) Youngstown
 Tavetanoff, Peter Eli (Fr.) Youngstown
 Tucciarone, Judith Regina (Jr.) Hubbard
 Turosky, Michael (Fr.) Farrell, Pa.
 Uhlinger, Paul John (Sr.) Warren
 Umbrazun, John (Fr.) New Middleton
 Valentine, Sauvi (Fr.) Bessemer, Pa.
 Valentini, William Edward (Soph.)
 Youngstown
 VanBrocklin, Virginia (Sr.) Youngstown
 VanSuch, Thomas Roy (Fr.) Campbell
 Vaschak, Mary Ann (Fr.) Youngstown
 Vieweg, William Ernest Jr. (Fr.) Warren
 Vintilla, John, Jr. (Fr.) Campbell
 Vivo, Anthony (Sr.) Youngstown
 Volk, Joseph John (Fr.) Youngstown
 Vrible, George Albert (Fr.) Campbell
 Wagner, Tom Booth (Fr.) Youngstown
 Walker, Bill Oliver (Sr.) Youngstown
 Walker, Robert Long (Soph.) Youngstown
 Wallis, Ralph (Fr.) Youngstown
 Walsh, Martin Raymond, Jr. (Soph.)
 Youngstown
 Walters, Robert David (Jr.) Youngstown
 Walton, Bob (Jr.) Youngstown
 Walton, Robert Howard (Fr.) Youngstown
 Ward, Marjorie (2 yr. sec.) Youngstown
 Ward, Thomas Martin (Fr.) Youngstown
 Warden, Cyrus Robert (Jr.) Youngstown
 Wargo, Stephen John (Fr.) Youngstown
 Warner, James Arthur (Fr.) Hubbard
 Warren, Sanna Louise (Fr.) Youngstown
 Watson, Mary Lee (2 yr. sec.) Niles
 Watson, William Weber (Fr.) Youngstown
 Way, Arjean (2 yr. sec.) Youngstown
 Weitz, Loyal Wilbur (Soph.) Bessemer, Pa.
 Welsh, Robert (Fr.) North Lima
 Wheeler, Harry DuBois (Fr.) Sharon, Pa.
 Williams, Arthur Jack (Fr.) Girard
 Williams, Benjamin Ames (Fr.)
 Youngstown
 Williams, Dorothy Gordon (Mrs.) (Fr.)
 Youngstown
 Williams, Edith Maybelle (Fr.) Lowellville
 Williams, Eldon Dwight Jr. (Soph.)
 Youngstown
 Williams, Robert Briah (Fr.) Brookfield
 Williams, Robert Patrick (Fr.) Youngstown
 Williams, Samuel Roman (P.G.) Warren
 Wolfe, John Robert (Jr.) Campbell
 Wolhoff, Milton Samuel (Jr.) Warren
 Womer, Doris E. (Soph.) Masury
 Woodford, Lester Howard (Fr.) Girard
 Woodford, Robert Lee (Fr.) Youngstown
 Wright, Elisabeth Jean (Soph.) Youngstown
 Wroblewski, Walter Julian (Sr.)
 Youngstown
 Wuich, Nick (Sr.) Youngstown
 Wymer, D. June (Sr.) Poland
 Xenakis, Nick Charles (Fr.) Campbell
 Yavorsky, Louise Jeannette (Soph.)
 Youngstown
 Yokes, Donald Edward (Fr.) Youngstown
 Young, Doris Louise (Fr.) Youngstown
 Zban, John Joseph (Fr.) Youngstown
 Zembrsky, Edward Anthony (Soph.)
 Youngstown
 Zieger, Robert John (Soph.) Canfield
 Zimmerman, Robert George (Fr.)
 Youngstown
 Zorn, Robert Stanley (Fr.) Youngstown
 Zurrow, Peter J. (Sr.) Struthers

Liberal Arts and Science (Evening)

Abbas, Joseph (Fr.) Youngstown
 Adams, George (Fr.) Youngstown
 Ake, Lawrence (Fr.) Youngstown
 Allison, Mrs. John (Sr.) Campbell
 Anderson, Lester (Fr.) Youngstown
 Anderson, Robert (Fr.) Youngstown
 Appenzeller, George (Fr.) Youngstown
 Askew, Bernard (Soph.) Youngstown
 Assion, Florence (Spec.) Youngstown
 Axtmann, Charles (Sr.) Youngstown
 Bagwell, Rudolph (Fr.) Youngstown
 Baker, Elbert (Jr.) Niles
 Baker, Jennie (Soph.) Youngstown
 Baldwin, F. Frederick (P.G.) Youngstown
 Bandy, Howard (P.G.) Youngstown
 Barbagello, Leonard (Fr.) Youngstown
 Barlett, John (P. G.) Campbell
 Barone, Lee (Fr.) Sharon, Pa.
 Barton, John (P.G.) Lisbon
 Barton, Pauline (P.G.) Sunbury
 Bates, Fred (Jr.) Youngstown
 Beaver, Irene (Fr.) Youngstown
 Beeghly, James (P.G.) Youngstown
 Behrend, Wayne (Fr.) Youngstown
 Beil, Gerald (Spec.) Youngstown
 Bender, James (Fr.) Columbiana
 Bevilacqua, Adele (Jr.) Youngstown
 Bianco, Philip (Fr.) Niles
 Binder, William (Jr.) Youngstown
 Bistriz, William (Fr.) Sharon, Pa.
 Black, Robert (Fr.) Struthers
 Bloomberg, Mitchell (Fr.) Youngstown
 Bobish, Paul (Fr.) Pulaski, Pa.
 Bolan, Theodore (Fr.) Youngstown
 Bonham, Eva Jane (Sr.) Girard
 Bossert, Winifred (Jr.) Youngstown
 Boyd, Earl (Fr.) Youngstown
 Brajdich, Ray (Fr.) Youngstown
 Breckner, George (Fr.) Youngstown
 Brennan, Edward (Jr.) Youngstown
 Brewster, Mary Elizabeth (Fr.) Youngstown
 Brill, Edward (Fr.) Struthers
 Brody, Myron (Fr.) Youngstown
 Brooks, Florence (Jr.) Youngstown
 Brown, James (Soph.) Niles
 Brown, John (Fr.) Sharon, Pa.
 Brown, Ralph (Fr.) Sharon, Pa.
 Brungard, John (Sr.) Youngstown
 Buecilli, Pat (Spec.) Campbell
 Buchanan, Louise (Sr.) Poland
 Burford, William (Fr.) Youngstown
 Burke, Gladys (Jr.) Youngstown
 Burke, Grace (Fr.) Youngstown
 Burke, Virginia (Fr.) Sharon, Pa.
 Burrows, Neal (Fr.) Warren
 Bush, Henry (Soph.) Warren
 Butler, James (Fr.) Niles
 Byers, Charles, Jr. (Jr.) Warren
 Byrom, Donald (Fr.) Niles
 Campbell, Ralph (Fr.) North Lima
 Cannon, Paul (Spec.) Youngstown
 Carlstrom, Ray (Fr.) Youngstown

REGISTER OF STUDENTS

Carney, Dorothy (P.G.) Youngstown
 Carson, Joseph (Fr.) Girard
 Cassell, William (Fr.) Youngstown
 Cervone, George (Fr.) Youngstown
 Chalker, LeRoy (Fr.) Warren
 Chapel, Joseph (Jr.) Youngstown
 Chaten, Dominic (Fr.) Campbell
 Charignon, Michael (P.G.) Youngstown
 Charles, Vern (Fr.) Youngstown
 Chubak, Julius (Fr.) Youngstown
 Clark, Mary Evelyn (Fr.) Masury
 Clark, Virginia (Jr.) Niles
 Coates, Rex (Jr.) Warren
 Coburn, Clifton (Fr.) Youngstown
 Coches, John (Spec.) Masury
 Collier, Elizabeth (P.G.) Youngstown
 Colwes, William, Jr. (Fr.) Youngstown
 Conklin, John Jr. (Fr.) Struthers
 Conroy, Francis (Fr.) Youngstown
 Cook, Don (Fr.) Youngstown
 Cooper, Mary Ina (Sr.) Struthers
 Copeland, Olive (Fr.) Niles
 Coulthard, Paul (Fr.) New Castle, Pa.
 Cronin, John (Soph.) Youngstown
 Cropley, Richard (Irreg.) Youngstown
 Crossen, Richard (Fr.) Youngstown
 Culp, Duane (Fr.) Youngstown
 Curtis, Robert (Spec.) Youngstown

 Damiano, Nicholas (Fr.) Youngstown
 D'Amico, Johanna (Fr.) Warren
 Davidson, Louisa (Sr.) Youngstown
 Davies, Benjamin (Fr.) Youngstown
 Davis, Herbert (Fr.) Poland
 Davis, Mabel (P.G.) New Middletown
 Davis, Phyllis (Fr.) Youngstown
 Davis, Richard (Fr.) Girard
 Dawson, William (Fr.) Youngstown
 DeCola, Thomas (Fr.) Niles
 Del Fraino, Alfred (Soph.) Lowellville
 De Lucia, Anthony (Soph.) Youngstown
 De Matteis, Vincent (Sr.) Kinsman
 Denny, Louis (Fr.) Lowellville
 Devine, Denis (Sr.) Struthers
 Devine, Derwent (Soph.) Struthers
 Dewey, Paul (Fr.) Youngstown
 Dewey, Ralph (Fr.) Youngstown
 Di Cola, Nunzio (Jr.) Youngstown
 Dignan, Mary (Soph.) Youngstown
 Di Renzo, Peter (Fr.) Lowellville
 Di Tommaso, Mafalda (Fr.) Youngstown
 Dolak, Edward (Fr.) Youngstown
 Donnelly, Catherine (Fr.) Sharon, Pa.
 Doyle, Jack (Fr.) Hubbard
 Draa, Amos (Fr.) Warren
 Druga, Irene (Fr.) Warren
 Duffie, Monroe (Jr.) Youngstown
 Duncan, Clell (Irreg.) Girard

 Edmunds, Alfred (P.G.) Warren
 Edwards, James (Fr.) Youngstown
 Ehrlich, Charles (Jr.) Sharon, Pa.
 Ellis, Joe (Soph.) Youngstown
 Ellis, Robert (Fr.) Niles
 Ellis, Robert (Fr.) Youngstown
 Emch, William (Fr.) Youngstown
 Erakine, Robert (P.G.) Warren
 Essad, Carroll (Spec.) Youngstown
 Evans, Flora E. (Jr.) Youngstown
 Ezzo, Joseph (Fr.) Youngstown

 Facciobene, Samuel (Sr.) Campbell
 Fahndrich, Harold (Fr.) Warren
 Fallon, Harold (Fr.) Salem
 Fedor, Elmer (Fr.) Hubbard
 Fellers, Richard (Fr.) Youngstown
 Fellmeth, Paul (Fr.) Girard
 Fenton, Chester (Sr.) Youngstown
 Fetter, Robert (Irreg.) Youngstown
 Finch, George, Jr. (Fr.) Warren
 Finnigan, Elizabeth (Fr.) Youngstown
 Fisher, Joe (Fr.) Youngstown
 Fisher, Robert (Fr.) Warren
 Flannery, James (Jr.) Youngstown

 Fleaka, Tom (Soph.) Youngstown
 Florence, Marye (P.G.) Youngstown
 Foley, William (Fr.) Hubbard
 Ford, David (Fr.) Poland
 Ford, Eunice (P.G.) Youngstown
 Fox, Ray (Jr.) Oil City, Pa.
 Franko, Charles (Fr.) Struthers
 Frazier, Charles (Fr.) Warren
 Frazier, Howard (Fr.) Warren
 Frech, Robert (Sr.) Niles
 Fumi, Ubaldo (Fr.) Youngstown
 Furse, Herbert (P.G.) Youngstown

 Gailey, James Adair (Jr.) Poland
 Gainan, Thomas (Soph.) Youngstown
 Galante, Louis (Spec.) Youngstown
 Galicia, Herman (Fr.) Farrell, Pa.
 Galida, Frank Robert (Fr.) Campbell
 Gall, Albert Charles (Soph.) Youngstown
 Gelbman, Fannie Goldie (Jr.) Youngstown
 Geroni, Louis (Spec.) Sharon, Pa.
 Gibson, Eleanor Catherine (Jr.)
 New Castle, Pa.
 Gill, Marion Natalie (Sr.) Campbell
 Giudici, Ulysses A. (Fr.) Youngstown
 Glass, Sylvia Claire (Sr.) Youngstown
 Gleason, William J. (Soph.) Youngstown
 Goehring, Philip A. (Fr.) Columbiana
 Goforth, Charles E. (P.G.) Warren
 Goodwin, Joseph F. (Fr.) Youngstown
 Greenamyer, Leah J. (Spec.) Youngstown
 Grimm, Kenneth (Fr.) Youngstown
 Gross, Paul E. (P.G.) Canfield
 Grossman, Aaron (Fr.) Youngstown
 Guarneri, Alfred Louis (Fr.) Girard
 Gubbins, William Robert (Jr.)
 Youngstown
 Gue, Myrtle Viola (P.G.) Struthers
 Guinagh, Blanche Mary (Jr.)
 New Castle, Pa.
 Gunlefinger, Rose Marie (Fr.) Warren

 Hadley, Olive Louise (Fr.) Youngstown
 Hadley, Robert Grendel (Sr.) Lisbon
 Hagan, Roseann Katheleen (Fr.)
 New Castle, Pa.
 Hageman, George Francis (Spec.)
 Youngstown
 Halker, Edward Ray (Fr.) Niles
 Hallock, William Vincent (Fr.) Struthers
 Halls, Katherine Lois (P.G.) Youngstown
 Hamilton, George Stan (Spec.) Youngstown
 Hamilton, Louise Pauline (P.G.)
 Youngstown
 Hammerton, Thomas Henry R. (Fr.)
 Youngstown
 Hanscome, Russell Bowers (Sr.)
 Youngstown
 Harbin, Russell Arthur (Fr.) Youngstown
 Harris, Anna (Soph.) Girard
 Harris, Frank Kenneth (Fr.) Hubbard
 Harris, Isabelle (Fr.) Youngstown
 Harrison, Helen W. (Jr.) Youngstown
 Heinimaki, Hagar Evelyn (Sr.) Girard
 Helsingan, George (Fr.) Youngstown
 Henry, Howard C. (Fr.) East Liverpool
 Higgins, Sara Rachel (P.G.) Youngstown
 Hilton, Jack Charles (Soph.) Warren
 Hitter, Martin (Fr.) Youngstown
 Hoffman, Albert Frederick (Fr.) Warren
 Hoffman, Glen Stone (Fr.) Niles
 Holberson, Henry Alvin (Fr.) Youngstown
 Holliday, Frank Raymond (Soph.)
 New Castle, Pa.
 Horsman, Thomas Ivor (Fr.) Sharon, Pa.
 Horton, Ruth (Fr.) Warren
 Hrabko, Paul Frank (Jr.) Youngstown
 Huber, Paul John (Fr.) Niles
 Hughes, Raleigh Clifton (Fr.) Niles
 Humphrey, William Elliot (Fr.)
 Youngstown
 Hunsinger, Ellen Elizabeth (Jr.)
 Youngstown

YOUNGSTOWN COLLEGE

- Huntington, Henry Glover (Fr.)
 Youngstown
 Hutch, Thomas Edward (Fr.) Youngstown
- Irby, Cardel James (Fr.) Youngstown
 Itts, Frank Joseph (Fr.) Youngstown
- Jackson, Charles Edward (Fr.) Struthers
 Jenkins, Jay Edward (Fr.)
 New Brighton, Pa.
 Jenkins, Vera Rachel (P.G.) Youngstown
 Johnson, Naomi Elizabeth (Fr.)
 Youngstown
 Johnson, Ralph Maurice (Fr.) Youngstown
 Jones, Edmund D. (Fr.) Youngstown
 Joyce, Francis James (Fr.) Youngstown
 Joyce, Robert Francis (Fr.) Youngstown
 Juruaz, Frank (Fr.) Youngstown
- Kahl, Edwin James (Fr.) Sharon, Pa.
 Kane, Thomas Henry (Sr.) North Lima
 Kauffman, Edmund Jamison (P.G.) Girard
 Kearney, Jack Paul (Spec.) Youngstown
 Keeling, John A. (Fr.) Youngstown
 Kenvin, Jane Louise (Fr.) Youngstown
 King, Donald F. (Sr.) Bessemer, Pa.
 Kinneer, H. Lester (P.G.) Youngstown
 Kirkner, William Patrick (Sr.)
 Youngstown
 Kish, Alex, Jr. (Soph.) Niles
 Klatman, Philip (Fr.) Youngstown
 Klingeman, Opal E. (Spec.) Warren
 Knee, Doris L. (Fr.) Sharon, Pa.
 Knutti, George C. (Fr.) Youngstown
 Kramer, Lillian Louise (Spec.) Youngstown
 Krimmer, Pauline Hazel (P.G.) Youngstown
 Kryzan, Marie Theresa (P.G.) Youngstown
 Kuba, Pete William (Fr.) Struthers
 Kurtz, Joseph Meredith (Soph.)
 Youngstown
 Kusic, Joseph (Soph.) Youngstown
- LaForce, Ray Sidney (Soph.) Struthers
 Lanz, Fred Carl (Fr.) Youngstown
 LaSalandra, Marion D. (Fr.) Niles
 Lavin, John Joseph (Fr.) Girard
 Lawrence, Eben B. (Fr.)
 West Middlesex, Pa.
 Lawson, Alma Lamar (Soph.) Youngstown
 Layshock, Kathleen Marie (Fr.)
 Youngstown
 Lazar, William Nelson (Fr.) Youngstown
 LeBeze, Barbara (Spec.) Youngstown
 Leedy, John Richard (Fr.) Youngstown
 Leedy, Robert Austin (Fr.) Youngstown
 Leetch, William James (Spec.) Youngstown
 Lemon, Edith M. (Fr.) Youngstown
 Lev, Harry (Fr.) Youngstown
 Liberati, Pete (Fr.) Niles
 Linberger, Paul E. (Fr.) Youngstown
 Lindberg, Victor H. (Fr.) Youngstown
 Lisko, John Bernard (Fr.) Campbell
 Long, William Jackson (Fr.) Struthers
 Lovati, Richard (Fr.) Youngstown
 Luce, Richard Allan (Fr.) Youngstown
 Ludman, Louise Eleanor (P.G.)
 Youngstown
 Lumsden, Margaret Gertrude (Jr.)
 Youngstown
 Lynch, Edward Jr. (Fr.) Youngstown
- McClain, Frank Ellsworth (Fr.)
 Youngstown
 McClellan, Harold Lee (Fr.) Warren
 McClurg, Warren Harding (Fr.)
 Youngstown
 McCrone, Esther K. (P.G.) Struthers
 McKinstry, Jack Courtney (Fr.)
 Youngstown
 McLaughlin, Shirley Jean (Fr.)
 Youngstown
 McMaster, Martha Agnes (Fr.) Sharon, Pa.
 Mack, Catherine (Fr.) Sharon, Pa.
- Maerea, John (Jr.) Warren
 Maior, Melania (Fr.) Sharon, Pa.
 Malin, James Blaine (Fr.) Youngstown
 Malmier, Ann (P.G.) Youngstown
 Mancine, Emil Lawrence (Fr.)
 New Castle, Pa.
 Manley, Joseph William (Fr.) Youngstown
 Marinelli, Albert (Fr.) Youngstown
 Marino, Joe James (Fr.) Youngstown
 Marsden, Lahoma Jane (Fr.) Youngstown
 Marsh, Bette (Fr.) Warren
 Martin, Warren K. (Fr.) Sharpsville, Pa.
 Mazy, Leo Robert (Fr.) Rogers
 Melin, Gullan Hilda (P.G.) Youngstown
 Menster, Gilbert Francis (Fr.) Youngstown
 Meyer, Helen Eileen (Spec.) Youngstown
 Miller, Frederick R. (Fr.) Sharon, Pa.
 Miller, Homer W. (Fr.) Sharon, Pa.
 Miller, Paul W. (Jr.) Warren
 Milligan, Richard S. (Fr.) Youngstown
 Modeland, Emma S. (Spec.) Youngstown
 Montgomery, John Russell Jr. (Fr.)
 Youngstown
 Moore, John Henry (Fr.) Sharon, Pa.
 Moore, Josephine (Fr.) Youngstown
 Moore, Thomas M. (Soph.) Youngstown
 Moran, Jack (Fr.) Youngstown
 Morgan, Allen Jackson (Soph.) Warren
 Morley, Robert Chester (Fr.) Youngstown
 Morley, Thomas Joseph (Sr.) Youngstown
 Morrison, Ann B. (Spec.) Girard
 Mroski, Myron John (Fr.) Girard
 Mumaw, Marjorie (Soph.) Youngstown
 Muntean, Samuel George (Fr.) Youngstown
 Murphy, Hilford Samuel (Irreg.)
 Leavittsburg
 Murphy, Robert M. (Sr.) Youngstown
 Murray, Isabelle (Jr.) Youngstown
- Neimark, Bella (Jr.) Lowellville
 Nerone, Therese Rose (Jr.) Campbell
 Nespeca, Philip Paul (Fr.) Youngstown
 Newmark, Esther Lillian (Fr.) Youngstown
 Nicolay, Robert (Fr.) Warren
 Nierlich, George Charles (Fr.) Youngstown
 Noll, William H. (Sr.) Youngstown
 Nothhaft, Carl (Irreg.) Sharon, Pa.
 Nudo, Dominic (Fr.) Youngstown
 Nunamaker, George (Fr.) Youngstown
- O'Hatnick, Edward (Fr.) Youngstown
 O'Neale, Bertram Bernard (Sr.)
 Youngstown
 Orben, John Fred (Fr.) Youngstown
 Orchard, William J. (Fr.) Sharon, Pa.
 Orlando, Petra (P.G.) Youngstown
 O'Shea, Lionel Lawrence (Fr.) Youngstown
- Pagani, Harry Samuel (Fr.) Youngstown
 Palchefskey, John (Jr.) Youngstown
 Pantloni, Mario (Fr.) Youngstown
 Parmenter, Marion Wilma (P.G.)
 Youngstown
 Partridge, Lila Jean (Fr.) Mineral Ridge
 Pautot, Eugene Richard (Fr.) Youngstown
 Phillips, Harold C. (P.G.) Youngstown
 Plush, Margaret Harriet (Fr.)
 New Castle, Pa.
 Porter, Ernest James (Fr.) Youngstown
 Porter, Josephine W. (Jr.) Youngstown
 Porter, Robert Leland (Fr.) Warren
 Powell, Mary E. (P.G.) Youngstown
 Powell, Robert Alva (Fr.) Warren
 Pratt, Edward Howard (Fr.) Youngstown
 Prelepa, Michael (Fr.) Youngstown
 Price, Chalmer Thomas (Fr.) Hubbard
 Price, Douglas James (Fr.) Sharon, Pa.
 Pritchard, Benjamin Herbert (Fr.)
 Youngstown
 Probert, Edward (Fr.) Youngstown
 Propok, George Edward (P.G.) Youngstown
 Prosser, Everett Howell (Fr.) Youngstown
 Pucak, Emil (Fr.) Youngstown

REGISTER OF STUDENTS

- Puskas, Andrew (Fr.) Youngstown
- Quinby, Charles S. (Fr.) Sharon, Pa.
 Quinlan, William J. (Soph.) Youngstown
 Quirk, Mary Jane (Hrs.) (Fr.) Youngstown
- Race, Thelma D. (P.G.) Youngstown
 Ramm, Eugene E. (Fr.) Youngstown
 Ramsay, James Forrest (Fr.)
 Sharpsville, Pa.
 Randolph, Frederic Fogle (Fr.) Sharon, Pa.
 Rauschenberg, Marvin William (Fr.)
 Youngstown
- Reany, James Edward (Fr.) Youngstown
 Reich, Elizabeth (Fr.) Youngstown
 Reimund, Robert Edward (Jr.) Salineville
 Remalia, Verne Robert (P.G.) Warren
 Rice, Edythe Mae (Fr.) Warren
 Rice, Rose Eleanor (Soph.) Youngstown
 Richards, Darwell H. (Fr.) Youngstown
 Richards, Viola J. (Jr.) Campbell, O.
 Rider, Esther Marguerite (Irreg.)
 Youngstown
- Rigas, Helen (Fr.) Youngstown
 Roberts, Margaret Louise (Jr.) Warren
 Robinson, Harold William (P.G.) Warren
 Robinson, Mary Madeline (Sr.) Youngstown
 Robinson, Thomas James (Sr.) Youngstown
 Roller, Robert Clyde (Soph.) Youngstown
 Roscoe, Charles J. (Fr.) Lockwood
 Rose, Tillie (Fr.) Youngstown
 Rosenblum, Sidney (Fr.) Youngstown
 Ross, Edwin Francis (P.G.) Poland
 Ross, Mrs. Naomi S. (Fr.) Bessemer, Pa.
 Rowbotham, Arthur William (Fr.)
 Youngstown
- Rowitz, Fred William (Spec.) Youngstown
 Rudick, Milton Martin (Fr.) Youngstown
 Ruehle, Earl Lawrence (P.G.)
 New Castle, Pa.
 Ruehle, Elton C. (Irreg.) Youngstown
 Ruehle, Lester D. (P.G.) New Castle, Pa.
 Russell, Bernice L. (Jr.) Youngstown
- Saborsky, Henry Joseph (Fr.) Farrell, Pa.
 Salreno, Angela Marie (Fr.) Youngstown
 Salt, Charles E. (Irreg.) Youngstown
 Sarkany, Albert Mike (Fr.) Warren
 Sause, Robert John (Fr.) Youngstown
 Searazzo, Dorothy Helen (Fr.)
 New Castle, Pa.
 Schaeffer, Jack Wm. (Sr.) Youngstown
 Schaeffer, Paul (Fr.) Youngstown
 Schaub, Ralph Charles (Soph.) Niles
 Schnurrenberger, Genevieve Mae (Soph.)
 Youngstown
- Schoenfeld, Dale Gordon (Soph.)
 Youngstown
- Scott, James Henry (P.G.) Youngstown
 Scott, Walter E., Jr. (Fr.) Youngstown
 Saefried, Joseph W. (Sr.) Youngstown
 Seizmac, Joseph (Jr.) Farrell, Pa.
 Sharpe, George Robert (Fr.) Youngstown
 Shields, Lysle M. (P.G.) Youngstown
 Shields, Paul Edward (P.G.) Youngstown
 Shreve, Douglas Ray (Fr.) Warren
- Sirbu, Irene (Jr.) Youngstown
 Sittig, Helen Louise (Fr.) Youngstown
 Smiley, Don Theodore (Jr.) Sharon, Pa.
 Smith, Bill Harrison (Fr.) Youngstown
 Smith, Cedric B. (P.G.) Youngstown
 Smith, John Denny (Fr.) Youngstown
 Smith, Paul J. (Fr.) Solem
- Soderberg, A. William (Spec.) Youngstown
 Soos, Edythe Rosalind (Fr.) Youngstown
 Stahl, Alex L. (Fr.) Youngstown
 Stambaugh, William Richard (Sr.) Girard
 Stayduhar, Charles (Fr.) Hubbard
- Stein, Charlotte (Sr.) Youngstown
 Steines, Fred N. (Fr.) Sharon, Pa.
 Stere, Clifford Lee (Fr.) Youngstown
 Stiver, Kline Hammond (Fr.) Youngstown
 Strack, Ray William (Sr.) Youngstown
 Stupka, Dushan John (Fr.) Sharon, Pa.
 Suchanek, Walter (Irreg.) Girard
 Sulesky, John Josef (P.G.) Sharon, Pa.
- Taylor, Robin Roselyn (Soph.) Sharon, Pa.
 Tedde, Frank Antaony (Fr.) Youngstown
 Tekushan, Nicholas A. (Soph.) Youngstown
 Tennant, Roy E. (Fr.) Youngstown
 Theis, Fred Emil (Fr.) Youngstown
 Thomas, Arlene Jane (Fr.) Youngstown
 Thomas, Bill Earl (Fr.) Youngstown
 Thomas, Charlotte (P.G.) Warren
 Thomas, Lewis Gordon (Fr.) Sharon, Pa.
 Thompson, Edwin Russell (Fr.)
 Youngstown
- Thorne, Philip Truman (Fr.) Youngstown
 Thrasher, Besse Mary (Fr.) Youngstown
 Thrasher, Laura Agnes (Soph.)
 Youngstown
- Tidball, Thalia Louise (Irreg.) Warren
 Tikey, Joseph William (Soph.) Sharon, Pa.
 Tikson, Vlad (Irreg.) Campbell
 Turner, Dean Schiller (Fr.) Youngstown
 Tyrell, William Asahel (Fr.) Cortland
- Uber, Raymond (Fr.) Youngstown
 Uhlar, John (Fr.) Campbell
 Uhrain, Michael Charles (Soph.)
 Youngstown
- Usher, Charles Shepard (Fr.) Youngstown
- Van Auker, Paul (Soph.) Youngstown
 Van Court, W. W. (P.G.) Mineral Ridge
 Vitale, Anthony (Fr.) Struthers
 Volkish, Michael F. (Fr.) Youngstown
 Vucinich, Michael Joseph (Fr.) Warren
- Waite, John Lindsey (Fr.) Youngstown
 Wallas, Frances T. (Jr.) New Castle, Pa.
 Walsh, Doris A. (Fr.) Sharon, Pa.
 Walsh, Isabelle Florence (Fr.) Youngstown
 Wareham, Rolland N. (Spec.) Warren
 Watkins, Cameron Dalton (Jr.) Warren
 Way, Jerry (Fr.) Youngstown
 Waynian, Ted Albert (Fr.) Youngstown
 Welcher, Birdie J. (Fr.) Youngstown
 Welsh, George Albert (Jr.) Youngstown
 Wendling, Rhea S. (P.G.) Youngstown
 Wentz, Robert Funkhouser (Fr.)
 Farrell, Pa.
 Westlake, Mattie Bane (Fr.) Youngstown
 Wetmore, Robert L. (Fr.) Youngstown
 White, Justina A. (P.G.) Campbell
 Wick, Paul Myron (P.G.) Youngstown
 Wick, Richard Kenworthy (Fr.)
 Youngstown
- Wilcher, Elizabeth Alma (Sr.)
 Youngstown
- Wile, Betty Jean (Fr.) Youngstown
 Wilke, Fred Thomas (Fr.) Youngstown
 Williams, Ann (Fr.) Cleveland
 Williams, Mary Edith (Jr.) Girard
 Williams, Mavis Ruth (Soph.) Hubbard
 Wilson, John Howard (Soph.) Youngstown
 Wilson, Morell (Fr.) Orangeville
 Wolbert, Charles (Irreg.) Warren
 Wolf, Randall Carl (Fr.) Youngstown
- Yarov, Ralph Real (P.G.) Youngstown
 Yoak, Mabel (Sr.) Youngstown
 Yoaxheimer, John Decourcy (Fr.) Warren
- Zhuck, Jennie (Fr.) Youngstown

YOUNGSTOWN COLLEGE

Business Administration (Evening)

- Adams, Betty Jean (Fr.) Youngstown
 Albrecht, Gladys (Fr.) Campbell
 Alter, Harry (Fr.) Youngstown
 Anderson, Clarence (Fr.) Youngstown
 Anderson, Gordon (Fr.) Girard
 Anderson, Hugh (P.G.) Cleveland
 Anderson, Robert (Soph.) Youngstown
 Anderson, Robert Paul (Fr.) Youngstown
 Angstadt, Howard (Fr.) Warren
 Askue, Robert (Jr.) Warren
 Aubrey, John, Jr. (Spec.) Youngstown
- Babinsky, Elmer (Fr.) Youngstown
 Baker, George (Fr.) Youngstown
 Barbagello, Sam (Fr.) Youngstown
 Baumgardner, Carl (Fr.) Youngstown
 Baxter, Preston (P.G.) Youngstown
 Beardman, James (Fr.) Youngstown
 Berg, Kenneth (Soph.) Youngstown
 Berndt, Paul (Fr.) Youngstown
 Birekbichler, Rege (Fr.) Youngstown
 Biviano, Lucian (Fr.) Niles
 Black, Kenneth (Soph.) Youngstown
 Boucherle, Charles (Jr.) Youngstown
 Bowers, Paul (Sr.) Cortland
 Bowers, William (Fr.) Youngstown
 Brady, James (Fr.) Niles
 Brenner, Jerome (Fr.) Youngstown
 Bugbee, Wendell (Fr.) Youngstown
 Burke, John (Soph.) Salem
 Burkelt, Arthur (Irreg.) Youngstown
 Burkhart, William (Fr.) Leavittsburg
 Burrows, Edward (Fr.) Hubbard
 Butch, Daniel (Fr.) Lectonia
 Bzinak, John (Fr.) Girard
- Cahn, Louis (Fr.) Youngstown
 Cain, Harold (Fr.) Niles
 Caisango, Fred (Fr.) Girard
 Campione, George (Soph.) Campbell
 Carlson, Arthur (Sr.) Youngstown
 Carney, Thomas (Spec.) Youngstown
 Carroll, Jack (Fr.) Girard
 Carvelas, George (Fr.) Youngstown
 Cassano, Guido (Soph.) Youngstown
 Cassidy, Margaret (Soph.) Warren
 Ceglie, William (Fr.) Youngstown
 Chapman, Wendell (Jr.) Warren
 Chazanoff, Sidney (Fr.) Youngstown
 Cherol, Anthony (Fr.) Youngstown
 Chinowth, William (Fr.) Poland
 Christoff, George (Fr.) Youngstown
 Clark, Chris (Soph.) Niles
 Clark, John (Irreg.) Youngstown
 Coburn, Charles (Soph.) Youngstown
 Collins, Arnold, Jr. (Soph.) Youngstown
 Collins, Paul (Fr.) Sharon, Pa.
 Collins, Wilbur (Fr.) Struthers
 Concannon, Marcus (Fr.) Girard
 Conklin, Cloud, Jr. (Fr.) Poland
 Conley, Edward (Fr.) Warren
 Conrad, Melvin (Soph.) Youngstown
 Konzaman, Steve (Fr.) Youngstown
 Corbin, Francis (P.G.) Hubbard
 Cosier, Clarence (Spec.) Youngstown
 Cowden, Robert (Fr.) Lowellville
 Cowling, Ira Ellis (P.G.) Canfield
 Cretella, Philip (Fr.) Girard
 Crossen, James (Fr.) Youngstown
 Cross, Tom (Fr.) Youngstown
 Culcasi, Philip (Soph.) Sharon, Pa.
 Cunahan, William (Fr.) Struthers
- Daggett, William (P.G.) Youngstown
 Dalleske, Ronald (Soph.) Youngstown
 Daniels, A. P. (Fr.) Youngstown
 Dankovich, Kalman (Fr.) Masury
 Davies, Robert (Fr.) Youngstown
 Davis, Myron (Jr.) Youngstown
- Davis, Thomas (Sr.) Youngstown
 Davis, Sheldon (Fr.) Warren
 Deas, Alexander (Soph.) Youngstown
 Denney, Joseph (Fr.) Warren
 Dennison, Joe (Soph.) Youngstown
 Dickson, Robert (Fr.) Berlin Center
 Diehl, Harry (Soph.) Niles
 Dilworth, L. Duane (Fr.) Salem
 Diroll, William (Soph.) Hubbard
 Di Yorio, Joseph (Fr.) Youngstown
 Donchess, Joseph (Fr.) Youngstown
 Donnet, Victor (Fr.) Niles
 D'Orazio, Rose Kosapepe (Mrs.) (Sr.)
 Youngstown
 Doumont, Agnes (Fr.) Youngstown
 Downey, Leo (Soph.) Sharon, Pa.
 Dreher, Frank (Fr.) Youngstown
 Duffy, James (Fr.) Youngstown
 Dunlap, Arline (Fr.) Lowellville
 Dunlap, Homer (P.G.) Youngstown
- Eckert, Raymond (Soph.) Youngstown
 Eckert, Wilford (Sr.) Youngstown
 Enycart, William (Soph.) Girard
 Erickson, Henry (Fr.) Youngstown
 Erickson, Raymond (Fr.) Youngstown
 Esterly, Joseph (Fr.) Canfield
 Evans, William (Fr.) Youngstown
- Fallon, S. George (P.G.) Warren
 Falls, Harry (Fr.) New Castle, Pa.
 Fedeshen, John (Fr.) Youngstown
 Ferguson, James (Fr.) Youngstown
 Finnie, Edward (Fr.) Youngstown
 Forestal, Raymond (Fr.) Youngstown
 Forman, Walter (Jr.) Youngstown
 Forrest, David (Soph.) New Castle, Pa.
 Foskie, Bruno, Jr. (Fr.) Warren
 Foster, Paul (Fr.) Youngstown
 Fox, John (Fr.) Youngstown
 Frantz, Donald (Fr.) Youngstown
 Freed, Albert, Jr. (Spec.) Youngstown
 Freed, Irvine (Fr.) Farrell, Pa.
 Frew, Robert (Fr.) Farrell, Pa.
- Galambossy, George, Jr. (Fr.) Youngstown
 Gallagher, Charles Edward (Irreg.)
 Youngstown
 Garren, Albert W. (Fr.) New Castle, Pa.
 Gifford, Thomas Earl (Fr.) Girard
 Goddard, William Malcolm, Jr. (Fr.)
 Youngstown
 Goist, Wayne Byron (Fr.) North Jackson
 Goodridge, John Vinton (Soph.) Poland
 Goodwin, Eric (Fr.) Youngstown
 Graham, Winifred Jane (Soph.)
 Youngstown
 Green, Howard Arnold (Fr.) Warren
 Greenwood, Samuel H. (Jr.) Youngstown
 Gregory, Benjamin LaVerne (Fr.) Warren
 Grischow, Paul Frederick (Fr.)
 Youngstown
 Grienpistroh, Florence (P.G.) Youngstown
 Gulgas, Charles (Fr.) Niles
 Gulich, Peter (Jr.) Youngstown
 Gundry, Howard Thomas (Fr.) Youngstown
 Guttridge, Alan Robert (Soph.)
 Youngstown
- Hugeman, John William (Fr.) Youngstown
 Hall, Charles David (Fr.) Youngstown
 Hallstein, Harold Arthur Jr. (P.G.)
 Youngstown
 Hamilton, James (Irreg.) Youngstown
 Harris, Harry Kent (Soph.) Youngstown
 Heacock, Lloyd E. (Fr.) Salem
 Heindol, Kathryn Louise (Soph.) Warren
 Heintzelman, George Rex (Fr.)
 Youngstown

REGISTER OF STUDENTS

- Heldman, Otis Ralph (Fr.) Struthers
 Helwig, Clarence J. (Soph.) Youngstown
 Henderson, Harold H. (Jr.) Sharpsville, Pa.
 Hernan, Francis M. (Soph.) Youngstown
 Herr, Julia H. (P.G.) Youngstown
 Heselov, Carl Melvin (Fr.) Youngstown
 Hewitt, James Albert (Spec.)
 New Castle, Pa.
 Higgins, Carolyn Price (P.G.) Youngstown
 Hixenbaugh, Ralph H. (Fr.) Salem
 Hogan, John P., Jr. (Spec.) Youngstown
 Homzy, Andrew (Fr.) Youngstown
 Hopes, George Wendell (P.G.) Hubbard
 Hoskinson, Charles Norris (Sr.)
 Youngstown
 Hrinko, Michael (Fr.) Youngstown
 Hunsinger, Alvin L. (Soph.) Youngstown
 Hyatt, Franklin George (Soph.)
 Youngstown
 Irwin, John Robert (Fr.) Youngstown
 Irwin, William De Verne (Fr.) Sharon, Pa.
 Iseman, Mary (Fr.) Ellwood City, Pa.
 Jankovic, Joseph Bernard (Fr.) Youngstown
 Jardine, William (Fr.) Youngstown
 Jeanqueat, Eugene Phillip (Fr.)
 Youngstown
 Jenkins, Charles David (Soph.) Warren
 Jenkins, Robert Gerald (Fr.) Youngstown
 Jenkins, W. Gordon (Soph.) New Castle, Pa.
 Jeren, John (Fr.) Campbell
 Johnson, Harold A. (P.G.) Struthers
 Johnson, Paul A. (Fr.) Youngstown
 Johnson, Theodore Alfred (Fr.)
 Youngstown
 Jones, Norman Enos (Soph.) Youngstown
 Joseph, William (Fr.) Warren
 Juvancic, John Charles (Fr.) Girard
 Karhu, Lennard J. (Soph.) Warren
 Kauffman, D. Stanley (Fr.) Warren
 Kenney, Robert Earl (Fr.) Youngstown
 Ketterer, Robert John (Fr.) Salem
 Knight, Oliver M. (Fr.) Sharon, Pa.
 Knox, Norman Everett (Fr.) Youngstown
 Kovach, Michael J. (P.G.) Campbell
 Kulikoff, Nathan (Fr.) Youngstown
 Kumick, Frank John (Fr.) Youngstown
 Lane, Wendell Thomas (Fr.) Youngstown
 Latronico, Josephine Louise (Fr.)
 Youngstown
 Leis, Henrietta Rose (Fr.) New Castle, Pa.
 Leonard, Myron Ross (Soph.) Youngstown
 Lewis, Devereaux John (Fr.) Sharon, Pa.
 Lilko, Paul A. (Fr.) Youngstown
 Lillo, Carl Guy (Spec.) Youngstown
 Lloyd, David E. (Soph.) Youngstown
 Lowry, Martin David (Fr.) Youngstown
 Lyndon, Rodney (Fr.) Youngstown
 McCaffrey, William Perry (Fr.)
 Youngstown
 McClelland, James P. (Fr.) Warren
 McClelland, James Quinn (Fr.) Youngstown
 McEntire, Bruce M. (Fr.) Warren
 McMurray, Harold (Fr.) Niles
 McNally, Joseph C. (Fr.) Youngstown
 McNicholas, Paul James (Jr.) Youngstown
 Marquard, Leonard Joseph (Fr.)
 Youngstown
 Maxwell, Robert Henry (Fr.) Struthers
 Meacham, Louis W. (Fr.) Youngstown
 Meech, Milton Henry (Fr.) Youngstown
 Mehl, Forrest C. (P.G.) Hubbard
 Miller, Arnold Stephen (Fr.) Youngstown
 Millward, Stanley F. (Fr.) Youngstown
 Mittler, William Gustave (Fr.) Youngstown
 Molin, Fred LaClair (Fr.) McDonald
 Moore, Charles Clawson (Fr.) Sharon, Pa.
 Moore, Frank Vincent (Fr.) Youngstown
 Moosally, Frederick Peter (Fr.)
 Youngstown
 Much, Milton Henry (Fr.) Youngstown
 Munford, Edward Ray (Fr.) Youngstown
 Neff, James Harry (Fr.) McDonald
 Nelson, Charles William (Fr.)
 Sharpsville, Pa.
 Newbery, Ray Thomas (Irreg.)
 Youngstown
 Newcomb, Robert Elwell (Fr.) Youngstown
 Newman, James Thomas (Fr.) Youngstown
 Novotny, Joseph Cyril (Soph.) Youngstown
 Nowak, Carl Frank (Fr.) Youngstown
 O'Dal, Joseph Alexander, Jr. (Fr.)
 Farrell, Pa.
 Ollis, Nick J. (Soph.) Warren
 Oros, George R. (Fr.) Youngstown
 Orzechowski, Alexander (Soph.)
 Youngstown
 Parilla, Joseph Peter (Soph.) Girard
 Parker, Howard W. (Fr.) Niles
 Patterson, James Herron (Fr.)
 Ellwood City, Pa.
 Peterson, Burton G. (Fr.) Youngstown
 Peterson, Howard M. (Fr.) Girard
 Petrecca, Arthur John (Irreg.) Sharon, Pa.
 Petreck, Joseph (Fr.) Youngstown
 Pezzuto, Albert F. (Soph.) Youngstown
 Pfaus, George Robert (Fr.) Youngstown
 Pinter, Robert James (Fr.) Struthers
 Poes, Aaron (Fr.) Youngstown
 Polonsky, Harry (Fr.) Youngstown
 Pollock, Robert Charles (Fr.) Youngstown
 Penigar, William John (Fr.) Youngstown
 Powers, Franklin I. (Soph.) Poland
 Price, Bernard LeRoy (Fr.) Youngstown
 Primm, Henry Lee (Fr.) Youngstown
 Pritchard, Clark (Soph.) Youngstown
 Puscher, Samuel Casper (Fr.) Youngstown
 Querengasser, Earl Henry (Spec.)
 Youngstown
 Rafferty, Dale Joseph (Fr.) Salem
 Raghanti, Alfred (Fr.) Youngstown
 Rau, Olga (Soph.) Youngstown
 Ravello, Mike (Soph.) Niles
 Reeber, Richard G. (Soph.) Youngstown
 Reitzel, Thomas Roy (Fr.) Youngstown
 Revay, John Stephen (Soph.) Youngstown
 Rhiel, John P. (Fr.) Youngstown
 Richard, H. W. (Fr.) Youngstown
 Ripple, Harold O. (Jr.) Warren
 Rorabaugh, Lewis Harry (Fr.)
 East Palestine
 Ross, Mario (Fr.) Campbell
 Rossi, Clara Constance (Fr.) Warren
 Rowney, Ray (Fr.) Youngstown
 Rudesill, Frank Louis (Fr.) New Castle, Pa.
 Rudibangh, John F. (P.G.) Youngstown
 Russo, Dominic Nuzzi (Soph.) Youngstown
 Sause, William T. (Soph.) Youngstown
 Scheetz, William Edward (Soph.)
 Youngstown
 Scott, Thomas Kenneth (Fr.) Warren
 Selby, William Edward (Irreg.) Warren
 Sepic, John (Jr.) Lowellville
 Shallenberger, Robert Payl (Fr.)
 Youngstown
 Shilling, John Franklin (Fr.) Youngstown
 Shindedecker, Dean (Fr.) Youngstown
 Shoup, Audley Charles (Soph.) Niles
 Simkins, Charles Francis (Fr.) Warren
 Simon, John Michael (Spec.) Youngstown
 Sipp, Guy DuWayne (Fr.) Cortland
 Slangenaupt, Alexander Myers (Fr.) Niles
 Smalley, William Frank (Fr.) Youngstown
 Smith, Howard William (Soph.) Campbell
 Soltis, Paul Jack (Fr.) Youngstown

YOUNGSTOWN COLLEGE

Southall, Winton Upton (Soph.) Struthers
 Sovik, Elmer John (Soph.) Youngstown
 Stambor, Leo (Soph.) Youngstown
 Stanton, James Robert (Fr.) Sharon, Pa.
 Steed, Alice Marie (Fr.) Youngstown
 Stillerman, David Stanley (Fr.)
 Youngstown
 Stoll, Robert Edward (Fr.) Youngstown
 Sutherland, Duncan Bertrand (Fr.)
 Youngstown
 Swider, Joseph A. (Fr.) Youngstown
 Terlescki, Michael (Fr.) Youngstown
 Thomas, Edwin J. (Sr.) Struthers
 Thompson, David Toland (Fr.) Youngstown
 Thorne, John C. (Soph.) Youngstown
 Tisone, Albert A. (Fr.) Youngstown
 Torsky, Walter (Fr.) McDonald
 Troy, John Joseph (Soph.) Sharon, Pa.
 Tunison, James Robert (Fr.) Youngstown
 Velos, James Nick (Fr.) Youngstown
 Virag, Robert Joseph (Fr.) Youngstown
 Voytilla, Michael (P.G.) Campbell
 Wadlinger, Vincent Guy (Soph.)
 New Castle, Pa.
 Wagman, Jack D. (Soph.) Youngstown
 Wallace, Leo Vincent (Fr.) Youngstown
 Walp, Erma Anne (Jr.) Youngstown
 Walsh, William E., Jr. (Fr.) Youngstown
 Walsh, William Edward (Fr.) Youngstown
 Watrous, Herbert, Jr. (Fr.) Girard
 Wayland, Charles Lawrence (Fr.)
 Youngstown
 Weber, Saul (Fr.) Youngstown
 Weekly, Alfred Vaughn (Fr.) Youngstown
 Weekly, Keith LeRoy (Fr.) Youngstown
 Weichman, Dorothy (P.G.) Youngstown
 Weiss, Violet A. (Fr.) Youngstown
 Welker, John (Soph.) Youngstown
 Wetherell, Homer Harry (Fr.) Youngstown
 Werden, Paul David (Fr.) Niles
 White, Harry O. (Fr.) Youngstown
 Whitfield, William (Fr.) Warren
 Wiant, Russell T. (P.G.) Youngstown
 Wile, Wilford Eli (Fr.) Youngstown
 Williams, Alice E. (Soph.) Youngstown
 Williams, Harry E. (Fr.) Sharon, Pa.
 Williams, Thomas E. (Fr.) Youngstown
 Wilson, James Arthur (Fr.) Youngstown
 Winfield, Durward E. (Fr.) Warren
 Witherow, William Frank (Fr.)
 East Liverpool
 Withers, Charlotte, J. (Fr.) Youngstown
 Wolfert, Edward C.
 Wood, Cal R. (Soph.) Youngstown
 Wood, Ray (Fr.) Niles
 Wren, Eugene (Fr.) Youngstown
 Wright, Francis Hamner (Fr.) Youngstown
 Wright, Raymond John (Jr.) Warren
 Young, Harold Marcus (Fr.) Youngstown
 Zahniser, Martha Elizabeth (Spec.)
 New Castle, Pa.
 Zane, Frank (Fr.) Youngstown
 Zieme, Carl Ray (Fr.) Youngstown

Law

Averbach, Abe, Youngstown
 Bachler, Richard W., Youngstown
 Battin, Reed S., Girard
 Beebe, John R., Youngstown
 Berkley, William V., Youngstown
 Bibbee, Helen, Wellsville
 Bowden, J. Lothaire, Youngstown
 Brunner, Rose Maurine, Youngstown
 Chill, Bernard, New Bedford
 Chirelli, Eleanor, Youngstown
 Cole, Howard M., East Liverpool
 Cooley, Merrill F., Warren
 Coope, Fred A., Youngstown
 Dennison, Carl L., Youngstown
 Fine, Raymond, Youngstown
 Fisher, Joseph C., Lowellville
 Furrrie, Donald S., Youngstown
 Giardullo, Rocco S., Youngstown
 Gibson, Charles C., Salem
 Golasky, Frank W., Sharon, Pa.
 Hepler, Kenneth G., Youngstown
 Hartwell, Leda M., Youngstown
 Humphrey, Dan M., Youngstown
 Jenkins, Elwyn V., Youngstown
 Marowitz, Albert W., Warren
 Matasy, John W., Youngstown
 McBride, Lyle B., Warren
 McCracken, Chester W., Youngstown
 McEvoy, Marcus V., Niles
 McGill, Bert H., Warren
 Moore, J. Irwin, Youngstown
 Newman, John M., Youngstown
 Nuth, James G., Youngstown
 Ogram, Melvin F., Youngstown
 Osborne, Clyde W., Youngstown
 Palmer, Arthur, Newton Falls
 Pittenger, Leland C., East Liverpool
 Reinman, Alfred E., Jr., Youngstown
 Rhoades, Nell, Youngstown
 Roberts, Allan B., Sharon, Pa.
 Rosapepe, Joseph S., Youngstown
 Scullen, Joseph B., Youngstown
 Shook, Donald C., North Jackson
 Sigal, Fred H., Youngstown
 Solomon, Bernard, Youngstown
 Sporer, Wanda, Youngstown
 Stanton, Thomas P., Youngstown
 Steele, George, East Liverpool
 Sweet, Wendell, Youngstown
 Symons, Arthur J., Youngstown
 Van Brocklin, Loren E., Youngstown
 Weller, Robert H., Youngstown
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