



Youngstown
College
Bulletin

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1934-1935

Co-Educational



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YOUNGSTOWN, OHIO

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YOUNG MEN'S CHRISTIAN ASSOCIATION



COLLEGE CALENDAR

1934

- September 14 Final Registration for Freshmen
September 17 Final Registration for Upper Classmen
September 18 Class work begins. Penalty for late
enrolment invoked on this date.
November 28 Thanksgiving holiday begins, 10 P. M.
December 3 Thanksgiving holiday ends, 8:00 A. M.
December 21 Christmas vacation begins, 8:00 A. M.

1935

- January 7 Christmas vacation ends, 8:00 A. M.
February 1 First Semester ends
February 4 Registration and Enrolment
February 5 Class work and Second Semester begins
April 15 Easter vacation begins, 8:00 A. M.
April 22 Easter vacation ends, 8:00 A. M.
May 1 J. W. Breakfast, 7:00 A. M.
May 24 May Day, 1:00 P. M.
June 9 Baccalaureate Service
June 12 Alumni Day
June 14 Commencement

BOARD OF GOVERNORS

James L. Wick, Jr.	Chairman President, Falcon Bronze Company
W. E. Bliss	Vice-Chairman Vice-President, Bessemer Cement Corporation
Philip Schaff	Treasurer President, Morris Plan Bank
Herman Hurd	Recording Secretary Assistant Treasurer, Republic Steel Corporation
J. C. Argetsinger	Chief Counsel, Youngstown Sheet and Tube Company
J. C. Barrett	Superintendent, Blast Furnaces, Ohio Works, Carnegie Steel Company
R. M. Bell	Secretary and Treasurer, General Fire- proofing Company
Dr. W. H. Bunn	Physician
Sidney J. Collins	Clark and Collins, Certified Public Accountants
N. B. Folsom	Trust Officer, Mahoning National Bank
Philip Frieder	Vice-President and Manager, David J. Joseph Company
Oscar F. Gayton	Mutual Life Insurance Company of New York
Hugh Grant	Chairman of Board, City Trust and Savings Company
W. D. Griffith	Superintendent, McDonald Mills, Car- negie Steel Company
Dr. W. E. Hammaker	Pastor, Trinity Methodist Church
Harry Levinson	Jeweler
Donald Lynn	Attorney, Harrington, Huxley, and Smith
W. C. McKain	McKain, Ohl, and Swanner
J. Russell McKay	Assistant Secretary and Attorney, Home Savings and Loan Company
William F. Maag, Jr.	General Manager, Vindicator Printing Company
Hugh Manchester	Manchester, Ford, Bennett, and Powers
Thomas H. Murray	Secretary and Treasurer, Heller-Murray Company

Jay Ogram	Assistant Cashier, Union National Bank
Franklin B. Powers	Manchester, Ford, Bennett, and Powers
C. Snelling Robinson	Vice-President, Youngstown Sheet and Tube Company
John R. Rowland	President, Mahoning National Bank
Clarence J. Strouss	President, Strouss-Hirshberg Company
Martin Tod	Civil Engineer
Herbert S. Warwick	Industrial Manager, Youngstown Sheet and Tube Company
Verne J. Wilson	President Union National Bank
R. J. Wysor	Vice-President, Republic Steel Corporation

J. Eugene Bennett—President of The Young Men's Christian Association, ex-officio.

Paul B. Davies—General Secretary of The Young Men's Christian Association, ex-officio.

LAW SCHOOL COMMITTEE

C. Snelling Robinson	Chairman
	Vice-President, Youngstown Sheet and Tube Company
J. C. Argetsinger	Chief Counsel, Youngstown Sheet and Tube Company
William F. Maag, Jr.	General Manager, Vindicator Printing Company
Philip Frieder	Vice-President and Manager, David J. Joseph Company
Sidney J. Collins	Clark and Collins, Certified Public Accountants
James L. Wick, Jr.	President, Falcon Bronze Company

EXECUTIVE COMMITTEE

James L. Wick, Jr.	Chairman President, Falcon Bronze Company
J. C. Barrett	Superintendent, Blast Furnaces, Ohio Works, Carnegie Steel Company
W. E. Bliss	Vice-President, Standard Slag Company
Dr. W. H. Bunn	Physician
H. M. Hurd	Assistant Treasurer, Republic Steel Cor- poration
W. C. McKain	McKain, Ohl, and Swanner
Russell McKay	Assistant Secretary and Attorney, Home Savings and Loan Company
Franklin Powers	Manchester, Ford, Bennett, and Powers
C. Snelling Robinson	Vice-President, Youngstown Sheet and Tube Company
Philip Schaff	President, Morris Plan Bank
Clarence J. Strouss	President, Strouss-Hirshberg Company
R. J. Wysor	Vice-President, Republic Steel Corpor- ation
William F. Maag, Jr.	General Manager, Vindicator Printing Company

J. Eugene Bennett—President of The Young Men's Christian Association, ex-officio.

Paul B. Davies—General Secretary of The Young Men's Christian Association, ex-officio.

BOARD OF TRUSTEES

(THE YOUNG MEN'S CHRISTIAN ASSOCIATION)

J. Eugene Bennett	President Manchester, Ford, Bennett, and Powers
George R. Brainard	First Vice-President President, General Fireproofing Company
Walter Stitt	Second Vice-President McElroy Company
Russell McKay	Third Vice-President Assistant Secretary and Attorney, Home Savings and Loan Company
Philip H. Schaff	Treasurer President, Morris Plan Bank
Claud J. Johnson	Secretary District Manager, Northwestern Life Insurance Company
J. C. Argetsinger	General Counsel Chief Counsel, Youngstown Sheet and Tube Company
Paul B. Davies	General Secretary
Myron Arms, II	President, Aetna Standard Engineering Company
J. C. Barrett	Superintendent, Blast Furnaces, Ohio Works, Carnegie Steel Company
R. M. Bell	Secretary and Treasurer, General Fire- proofing Company
W. E. Bliss	Vice-President, Standard Slag Company
J. Fearnley Bonnell	Treasurer, Liebman-Bonnell-Wood Co.
Dr. W. H. Bunn	Physician
W. C. Conger	Vice-President and Sales Manager, Truscon Steel Company
C. N. Crandall	(Retired)
B. F. Fairless	First Vice-President, Republic Steel Cor- poration
Walter S. Goode	Secretary and Treasurer, John H. Fitch Company

W. D. Griffith	Superintendent, McDonald Mills, Carnegie Steel Company
W. J. Gutknecht	Manager, Youngstown Arc Engraving Company
F. E. Hearn	President and Manager, Hearn Paper Company
H. M. Hurd	Assistant Treasurer, Republic Steel Corporation
Fred Loomis	Sales Manager, Republic Steel Corporation
Louis N. McDonald	General Superintendent, Youngstown District, Carnegie Steel Company
Hugh Manchester	Manchester, Ford, Bennett, and Powers
J. Howard Parker	Vice-President, Union National Bank
Roy Welch	Assistant Secretary and Treasurer, Youngstown Sheet and Tube Co.
James L. Wick, Jr.	President, Falcon Bronze Company
Philip Wick	Butler, Wick and Company
Olan B. Masters	Butler, Wick and Company
Sidney J. Collins	Clark and Collins, Certified Public Accountants

How
 Geo
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 Judg
 Char
 Phil
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 Freda
 Elsie
 Elsie
 Mrs.

OFFICERS OF ADMINISTRATION

Howard W. Jones, A. M.	Director
George M. Wilcox, Ph. D.	Dean of Men
Eleanor B. North, A. M.	Dean of Women
Judge George H. Gessner, LL. B.	Dean of Law
Charles F. Axtmann, M. S.	Dean of Business Administration
Philip P. Buchanan, A. B.	Registrar
Raymond A. Witchey, A. M.	Business Manager
Freda R. Flint, A. B.	Publicity Director
Elsie Randle	Recorder
Elsie Louise Mann	Employment Secretary
Mrs. Helen Lyon	Librarian and Cashier

FACULTY

Howard W. Jones, A. M.	Director
A. B., Hiram College	
A. M., Western Reserve University	
Clara Witter Alcroft, B. S.*	Physical Training for Women
B. S., Iowa State Teachers College	
Charles F. Axtmann, M. S.*	Business Administration
B. S., Syracuse University	
M. S., Syracuse University	
John W. Bare, A. M.	Psychology
A. B., Ohio Wesleyan University	
A. M., Ohio Wesleyan University	
Levi G. Batman, A. B.*	Biblical Literature
A. B., Indiana University	
Karl H. Benker, M. E.*	German
M. E., Military Technical Academy	
(Charlottenburg, Germany)	
R. Douglas Bowden, A. M.	Social Science
A. B., University of Kentucky	
A. M., University of Illinois	
Elmer E. Burgeson, B. C. S.*	Accounting
B. C. S., Youngstown College	
Certified Public Accountant	
Harold N. Burt, B. D.	Philosophy
B. S., University of Pennsylvania	
B. D., Union Theological Seminary	
Clarence M. Carhart, B. S.*	Mechanical Drawing
B. S., Ohio Northern University	
Arthur L. Carter, LL. B.*	Business Law
A. B., Muskingum College	
LL. B., Youngstown College	
Cecil Chambers, A. B.*	Bacteriology
A. B., Ohio State University	
Henry C. Church, LL. B.*	Law
LL. B., Baldwin-Wallace College	
Walter Church, B. C. S.*	Accounting
B. C. S., Youngstown College	
Denton T. Doll, B. S.	Chemistry
B. S., Case School of Applied Science	
Raymond Falls, LL. B.*	Law
A. B., Thiel College	
LL. B., Western Reserve University	
Roy R. Fellers, A. B., 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 W. Ford, LL. B.* Law
 A. B., Yale University
 A. M., Harvard University
 LL. B., Harvard University
- Judge George H. Gessner, LL. B.* Law
 LL. B., Western Reserve University
- Ceylon E. Hollingsworth * Fine Arts
 Pupil of William M. Chase, New York City
- Elmer W. Hykes, B. S.* Accounting
 B. S., Bliss College
- Judge Erskine Maiden, Jr., A. B. Law
 A. B., Harvard University
 Harvard Law School
 Western Reserve Law School
- Myron C. Mehl, A. M.* History
 A. B., Capitol University
 A. M., Ohio State
- H. Lewis Meyer, B. D.* Greek and Latin
 A. B., Union University
 B. D., Princeton Theological Seminary
- Jack McPhee, A. B. Physical Education for Men
 A. B., Youngstown College
- Eleanor B. North, A. M. English
 A. B., Pennsylvania State College
 A. M., Pennsylvania State College
- M. Ervin Palison, A. B.* Biology
 A. B., Ohio University
- O. L. Reid, A. M.* Social Science
 A. B., Indiana University
 A. M., New York University
 LL. B., University of Louisville
- Leonard T. Richardson, Ph. D. Modern Languages
 A. B., Aurora College
 A. M., University of Chicago
 Docteur de l'Universite de Grenoble (France)
- Eugene Dodd Scudder, Ph. D. Chemistry
 A. B., Indiana University
 A. M., Indiana University
 Ph. D., Indiana University

- Joseph Earle Smith, Ph. D.* Social Science
 A. B., Oxford University (England)
 A. M., University of Nebraska
 Ph. D., Wallas College, London
- Henry V. Stearns, D. Ped. Music
 B. Mus., American Conservatory of Music
 F. A. G. O
 D. Ped., Cincinnati Conservatory of Music
- S. E. Trinkle, Commercial Artist * Commercial Art
- R. A. Waldron, Ph. D. Biology
 B. S., Massachusetts State College
 M. S., Pennsylvania
 Ph. D., University of Pennsylvania
- John Wampler, B. C. S.* Accounting
 B. C. S., Youngstown College of Business Administration
- H. C. Welch, B. S.* Mathematics
 B. S., Syracuse University
- George M. Wilcox, Ph. D. Education
 B. A., Cornell College
 A. M., State University of Iowa
 Ph. D., Columbia University
- Richard Wills, LL. B.* Law
 A. B., Yale University
 LL. D., Yale University
- James W. Wishart, A. M. English
 A. B., Wooster College
 A. M., Princeton University
- Raymond A. Witchey, A. M. Accounting
 A. B., Bucknell University
 A. M., Ohio State University
- Knowles Wyatt, LL. B.* Law
 B. S., Muskingum College
 LL. D., Youngstown College

*—Instructors not carrying full teaching load.

HISTORICAL SKETCH

The Youngstown College of Liberal Arts is designed to furnish a continuity of educational program for the graduates of local high schools so that their progress may proceed without interruption until they have finished a standard college course. Youngstown College has in its few years of existence made a noteworthy contribution to a fuller life in the community and is gradually broadening its program for a greater usefulness in the future.

Professors from neighboring colleges constituted the first faculty. The work offered was designed to accommodate local teachers who needed credits toward degrees and certificates. Six years of steady growth convinced those responsible for the work that there was a real need in Youngstown for a day college of liberal arts. Consequently, in September, 1927, a Day College of Liberal Arts was established with an enrolment of approximately one hundred students. Steady growth has continued from that date, and in the school year 1933-34 there was an enrolment in excess of 800 students. In June, 1930, by authority of the Department of Education of the State of Ohio, the degree of Bachelor of Arts was conferred upon the first group of graduates of Youngstown College.

The College of Law has been of longer growth. In 1908 the Youngstown College of Law had its inception in a class in Commercial Law composed of about nine men.

In 1910 classes were started to prepare men for the bar examination. In 1920 the State of Ohio gave the school the right to grant the Bachelor of Laws degree. During the school year 1920-1921, Judge George H. Gessner became Dean and has guided the destinies of the school ever since. In 1924, about three thousand volumes were added to the Library. In September, 1925, the entrance requirements were raised so that two years of Liberal Arts are now required for entrance before the degree of LL. B. will be granted.

Youngstown College now embraces both the College of Liberal Arts and the College of Law. Its students and graduates enjoy full recognition by the leading institutions of the country.

LOCATION AND BUILDINGS

For the first four years of its existence, the college was located on the Henry Wick property at 416 Wick Avenue. In November of 1931 the college was moved into its new building at 410 Wick Avenue, a building which is beautiful in design, modern, up to date, and ample for the college needs.

The location of the college is admirable in that it is in an area of the city which has been termed "a cultural oasis." To the north is the Butler Art Gallery; across the street, the St. John's Episcopal Church, the city Public Library, and the First Reformed Church. It is also within three blocks of the Y. W. C. A. and the Y. M. C. A.

REGISTRATION

The office of the Registrar is located on the main floor and is open from 8:30 A. M. until 9:30 P. M. every day, with the exception of Saturday, when it closes at noon. Every student must register at the beginning of each semester, and early registration is required so that there may be no delay in beginning classes. No student will be permitted to register later than two weeks after the opening of college except by special permission of the faculty. A penalty of \$1.00 will be charged all students who register late.

REQUIREMENTS FOR ADMISSION

All candidates for admission to the college are expected to furnish satisfactory evidence of good character. The filing of a formal application on blanks furnished by the college is required.

Graduates of a first grade high school or an accredited secondary school will be admitted to Youngstown College upon presentation of an official transcript of the high school credits.

Application for admission and filing of a statement of high school credits should be made as soon after graduation from high school as possible.

As a broad and adequate foundation for the course in Liberal Arts, the following distribution of units in the high school is required.

English	3 units
United States History and Civics	1 unit
Algebra	1 unit
Geometry	1 unit
Physics or Chemistry	1 unit
Foreign Language	2 units
Acceptable Electives	7 units

ADMISSION TO ADVANCED STANDING

Students entering from other colleges are required to present a complete transcript of all work taken in that college together with a statement of the high school work presented for entrance. In each case the applicant must present a letter of honorable dismissal from the school last attended.

CLASSIFICATION OF STUDENTS

Students are classified as regular, special, or irregular students.

Regular Students are those who have been graduated from an accredited high school and who carry the normal amount of work. Students allowed to enter with a condition may be classed as regular students if they carry full work but will be required to make up entrance deficiencies by the end of the freshman year.

Special Students are those who are not high school graduates, but who because of maturity are allowed to pursue college work. Thus, a limited number of students may be cared for each year as special students but whose credits may not be accredited toward a degree.

Irregular Students are those who are high school graduates but who are carrying less than a normal load. Evening students, while irregular in this sense, are classed separately because they constitute a large group

THE COLLEGE YEAR

The college year is divided into two semesters of eighteen weeks each. School is in session five days a week. Although a major part of the work comes in the morning, arrangements are always made for afternoon and evening students. The courses are so arranged that students graduating from high school in January and wishing to enter college at that time may work out a satisfactory schedule for the second semester. By attending the summer session, it is possible to shorten the course.

SEMESTER HOUR DEFINED

A semester hour of work consists of a unit carried eighteen weeks. A lecture unit means one exercise a week throughout a semester, each exercise to represent one hour of lecture or recitation and two hours of preparation or outside reading. A laboratory unit implies three hours of work of which not less than two hours are devoted to actual laboratory work under the direction of an instructor.

THE LOAD

Fifteen hours is the normal load. No Freshman may carry more than fifteen hours of academic work except in cases where the nature of the work may require some adjustment in order to complete the schedule, in which case a maximum of sixteen hours may be allowed. Advanced students, depending upon their past record, may petition the faculty for permission to carry additional hours not to exceed a total of 18.

DEGREES

In June, 1930, the State Department of Education of Ohio authorized Youngstown College to grant the Bachelor of Arts Degree.

FEES AND EXPENSES

All fees and tuition are due the first week of the semester. Registration is not complete and admission to classes will not be approved until all tuition has been paid, or payments arranged and agreed upon with the Business Manager.

Matriculation Fee (Payable only once) . . .	\$5.00
Tuition (12-15 semester hours)	75.00
Each Additional Semester Hour (Academic)	5.00
Laboratory Fee (Chemistry, Biology or Physics) First credit hour, \$3.00, each additional hour	2.00
Breakage Deposit (Chemistry or Physics)	3.00
Student Activity Fee	5.00
Gymnasium Fee	5.00
Diploma Fee	5.00
Library Fee	2.00
(For special fees on Art, Music, Home Economics, and Engineering Drawing see Description of Courses)	
Student Activity fee for eleven hours or less	2.50

TUITION RATES FOR STUDENTS CARRYING LESS THAN 12 SEMESTER HOURS OF WORK

3 semester hours	\$25.00
4 semester hours	32.50
5 semester hours	40.00
Each additional semester hour	5.00

Students who do not make settlement in full within ten days will be required to pay \$5.00 extra as a carrying charge.

ESTIMATED SEMESTER EXPENSES

Tuition	\$75.00
Student Activity	5.00
Gymnasium	5.00
Laboratory	5.00
Library	2.00
Books and Supplies	15.00

Total, \$107.00

Students who do not make settlement in full within ten days will be required to pay a carrying charge. When the total tuition charge is not more than \$35.00, the carrying charge is 10% of the total. A flat rate of \$5.00 is charged when the tuition is more than \$35.00

One transcript of credits to another college is granted. A fee of \$1.00 is charged for each additional transcript.

The Matriculation fee covers the cost of registration, and should accompany application.

The breakage deposit in chemistry and physics is returnable wholly or in part at the end of the year.

The Student Activity fee admits one to all athletic contests, social events sponsored by the Student Council, and includes subscriptions to the college annual and the *Jambar*.

REQUIREMENTS FOR AN A. B. DEGREE

Group Requirements

Group I

English (Including English Composition) . . .	8 hours
One Foreign Language	6 hours

Group II

Laboratory Science	8 hours
Science (Laboratory or Non-Laboratory), Mathematics	3 hours

Group III

Social Science	9 hours
Psychology, Philosophy, Bible	3 hours

Group IV

Physical Education (Including Hygiene) . . .	4 hours
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MAJOR AND MINOR REQUIREMENTS

Each student is required to have a major and at least one minor. The head of the department in the major field should be consulted as early as possible by the student, in planning his work. It is desirable that the work be planned beginning with the Freshman year and almost essential, in some departments, that this planning not be postponed later than the beginning of the Sophomore year if the student is to have a satisfactory program throughout his college work.

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.

The minimum credit hour requirements for majors in the various departments are as follows:

Biology	30	semester	hours
Business Administration	30	semester	hours
Chemistry	30	semester	hours
Education	27	semester	hours
English	25	semester	hours
French	24	semester	hours
Mathematics	27	semester	hours
Music	30	semester	hours
Physics	27	semester	hours
Social Science	30	semester	hours

A minor consists of fifteen hours work in a field related to the major work.

Total Hour Requirements; Distribution by Years

Electives sufficient, together with the required subjects, to make a total of 124 semester hours must be taken for graduation.

Not less than 30 hours must be taken in Youngstown College.

At least 60 semester hours must be taken in courses numbered 200 and above.

At least 40 semester hours must be taken in courses numbered 300 and above.

Any Senior who takes a course which has a number below 200, will have his credit for that course reduced by one-third.

GRADE REQUIREMENTS

Scholastic Point System

The passing grades give points as follows: A, 3 points per hour; B, 2 points per hour; C, 1 point per hour; D, no point. The point index is the basis of computing averages, and represents the average number of points per hour earned by the student for a given semester or number of semesters. It is figured by dividing the total number of points earned by the total number of hours for which the student was registered. Thus a student registered for 16 hours and earning 24 points would have a point index of 1.50.

A student must have 124 points for graduation, or an average grade of C+.

Grades

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

"A" indicates that a student has an especially fine grasp of the subject matter of the course and has placed upon it the stamp of his own individual thinking.

"B" indicates that a student has an intelligent grasp of the subject and has fulfilled the requirements of the course, but without showing any exceptional ability or individuality in his approach to the subject.

"C" indicates fair work but with nothing of an exceptional nature. It indicates average quality and ability without a thorough grasp of the subject.

"Inc." indicates incomplete work for semester and automatically becomes a failure if not removed within a year.

"D" indicates poor work of inferior quality and preparation.

"F" indicates failure.

Miscellaneous Requirements

Application for the degree must be filed with the Registrar and the diploma fee must be paid, at least 60 days prior to Commencement.

Students excused from requirements of two years Physical Education must substitute an equivalent amount of academic work.

Students transferring from other colleges must meet all requirements for the degree in Youngstown College.

Students are required to be regular in attendance in their classes.

Chapel attendance is expected of all students and is looked upon as a regular part of the college life. Each student must show attendance at chapel not less than twelve times during a semester. A record is kept of such attendance, and at the end of the semester, if a student has not attended chapel the required number of times, the work of the entire semester will be conditioned until the conditions are removed satisfactorily by his attendance the second semester.

Any student who drops a class but wishes to avoid a failing grade must notify his instructor of that change. Class work dropped after six weeks is marked failing in grade, unless the change is so requested by the instructor.

COLLEGE ACTIVITIES

The college aims to foster student participation in various extra-curricular activities, such as, athletics, debating, and music functions. However, since the scholastic standing of the student must always take precedence over the extra-curricular 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 students of the college are organized under the name of the Student Council of Youngstown College. This council operates under a constitution and has general oversight of all student activities. It co-operates with the various special student organizations and makes recommendation to the faculty regarding such matters as seem to affect the welfare of the college. The council consists of ten members and a president elected by the student body, and one faculty representative selected by the faculty.

Honor Point System

The Honor Point System of The 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 extra-curricular 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 be presented a pearl-studded pin with the letters "Y. C." as official emblem of the college.

Eligibility to the honor roll includes the points made both in scholastic and extra-curricular activities and no student shall be considered eligible for a pin who has not achieved the majority of his points in scholarship.

The points are outlined as follows:

	Scholastic
1 point,	for every semester hour of "A" grade
1/2 "	for every semester hour of "B" grade
	Extra-Curricular . . .
10 points,	Student Council President
8 "	Student Council Officers
8 "	Jambar Editor
8 "	Annual Editor
8 "	Basketball Captain
7 "	Student Council Members
7 "	Senior Basketball Manager
7 "	Basketball Major Awards
5 "	Athletic Board Chairman
5 "	Intramural Board, Chairman
5 "	Senior Class Officer
5 "	May Queen
	Extra-Curricular . . .
5 "	Junior Basketball Manager
5 "	Cheer Leaders
5 "	Jambar Business Manager
5 "	Debating Club President
5 "	Jambar Staff
5 "	Annual Staff
5 "	Annual Business Manager
5 "	May Day Chairman
5 "	Glee Club President
5 "	Dramatic Club President
3 "	Athletic Board Members
3 "	Intramural Board Members
3 "	Athletic Minor Awards
3 "	Junior, Sophomore, or Freshman
	Class Officers
3 "	Debating Team
3 "	Major Parts in Plays
1 "	Glee Club Members
1 "	Minor Parts in Plays
1 "	Stage Managers and Electricians
1 "	Chairman for May Day
	Sub-Committees

The above Honor Point rating system, by its very nature, applies to the regular full-time students. Part-time and irregular students whose work is completed in late afternoon and evening classes, naturally do not have opportunities to engage in extracurricular activities on the same basis as the full-time day students. In order to recognize the merit of their work, a slight change is necessary in according honors. Instead of placing the honors on the yearly basis, such students as deserve recognition based on scholastic as well as upon the other activities, will be recognized appropriately at the end of their senior year.

COLLEGE ORGANIZATIONS

Clubs

Athletic Board	Open Road Club
Cosmopolitan Club	Radio Club
Debate Club	Student Council
Girls' Glee Club	Varsity "Y" Club
Men's Glee Club	Women's Intramural Board
Men's Intramural Board	Youngstown College Players

Professional and Honorary Fraternities

Alpha Sigma Pi	Law (National)
Phi Epsilon	Science
Beta Chapter of Phi Epsilon	Science
Sigma Tau Delta	English (National)

Social Fraternities

Alpha Pi Sigma (National)	Phi Sigma Epsilon
Gamma Sigma	Sigma Delta Beta
Phi Gamma	Sigma Kappa Phi
Phi Lambda Delta	

Liberal Arts

DESCRIPTION OF COURSES

A course listed with 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. A course with 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; and 301 and above are Junior and Senior courses.

ART

Art 101, 102. FREE HAND DRAWING—Two three-hour laboratory periods each week. An elementary course in the principles and practice of expression by free hand drawing. Emphasis upon proportion perspective, and values in monochrome. Special fee, \$5.00 per semester.

Two hours credit each semester.

Art 103. ART FOR PUBLIC SCHOOL TEACHING—A course in public school art dealing with a variety of materials applying design to such materials as pottery, linoleum block printing, and dyeing. A study of composition, lettering, and color as applied to public school work. (Offered in the summer.)

Three hours credit.

Art 201, 202. ADVANCED FREE HAND DRAWING—Two three-hour laboratory periods each week. Drawing from still life and the antique as a means of expression, emphasizing the various possibilities and limitations of the black and white mediums, with problems in composition. Prerequisites, Art 101 and 102. Special fee, \$5.00 per semester.

Two hours credit each semester.

Art. 203. WATER COLOR PAINTING—Two three-hour periods each week. Painting from still life, models, and landscape. Lectures, laboratory work and criticisms. Special fee, \$5.00 per semester.

Two hours credit.

Art 204. ADVANCED WATER COLOR PAINTING—Two three-hour periods each week. Painting from still life, models and landscapes. Lectures, laboratory work, and criticisms. Prerequisite, Art 203. Special fee, \$5.00 per semester.

Two hours credit.

Art 205. LANDSCAPE AND OPEN-AIR EFFECTS—Outdoor class working from nature, each student using the medium desired, the black and whites, pastel, oils or watercolors. Advanced students may paint from living models posed in the open air. (Offered in the summer.)

Three hours credit

Art 301, 302. DRAWING AND COLOR WORK FROM LIFE—Two three-hour periods each week. Drawing from the living models with lectures and problems in surface anatomy and figure composition. Prerequisites, Art 201 and 202. Special fee, \$5.00 per semester.

Two hours credit each semester.

Art 303, 304. OIL PAINTING—Two three-hour periods each week. Painting from living costume models. Prerequisites, Art 301 and 302. Special fee, \$5.00 per semester.

Two hours credit each semester.

ASTRONOMY

101, 102. POPULAR ASTRONOMY—One lecture each week. A study of the stars and constellations, the views and primitive man concerning them, the methodology of the stars, and present day conceptions.

One hour credit each semester.

201. ASTRONOMY—The scientific study of the stars and the solar system. An analysis of the present theories of cosmogony and some observational sessions with telescope and field glass. Lecture and textbook assignments.

Three hours credit.

BIBLE AND RELIGIOUS EDUCATION

101. THE LIFE OF CHRIST—Two hours of lecture and recitation each week. This course is based on the four gospels, with particular attention to one of them. The student is encouraged to think and to evaluate for himself the unique personality of Jesus. Lectures, recitations and special topics for investigation.

Two hours credit.

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 teaching of St. Paul will be considered in their relation to the development and activity of the early church. Lectures, recitations and special topics for investigation.

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. Lectures, recitations and special topics for investigation.

Two hours credit.

304. COMPARATIVE RELIGION—A study of the great world religions with a view of making an effort to understand and evaluate the faiths of non-Christian people. Sacred writings and religious leaders will be studied.

Three hours credit.

201. THE GOSPEL ACCORDING TO JOHN—Two hours first semester. Two hours lecture and recitation each week. An intensive study with a critical analysis and interpretation of the gospel, supplemented by assigned readings. Lectures, recitations, and special topics for investigation.

Two credit hours.

BIOLOGY

A major in Biology shall include General Zoology 101 and 102, and/or General Botany 101 and 102, and Genetics 201; Geology 202 will be counted as a substitute for biological subjects. Majors in Biology are advised to take as much supplementary work in Chemistry and Physics as possible to aid in fullest application of their biological knowledge.

101. GENERAL ZOOLOGY—Two lectures and two two-hour laboratory periods each week. An introductory course including text assignments, lecture, and laboratory work. Systematic study of characteristic types with emphasis on evaluation and reproduction.

Four hours credit.

103. GENERAL BOTANY—Two lectures and two two-hour laboratory periods each week. Detailed study of plant structures and their functions. Local flora and economic importance of Botany stressed. Life histories emphasized.

Four hours credit.

201-202. ANATOMY AND PHYSIOLOGY OF VERTEBRATES—Two lectures and four hours laboratory work. Detailed anatomical and physiological studies of the vertebrates. (If all material is purchased, laboratory fee is \$10.00.) Prerequisite, Zoology 101.

Four hours credit each semester.

205. HUMAN ANATOMY AND PHYSIOLOGY—This course is a biological approach to human anatomy and physiology. The groundwork of the course is developmental vertebrate anatomy which is followed by the study of structure and function of the various parts of the human body. Outside reference reading and demonstrations will be a part of the course. (Offered if demand warrants). Prerequisite, Biology 101.

Four hours credit.

203. MICROTECHNIQUE—The preparation of biological material, zoological and botanical, for classroom and research purposes. Laboratory periods only. \$5.00 laboratory fee. (1934-1935). Prerequisite, General Botany or Zoology.

Four hours credit.

204. EMBRYOLOGY—Two lectures, four hours laboratory. The individual development of the frog, chick and pig to show stages in detail of adult structures. Recommended by all medical colleges, required by most.

Three hours credit.

205. GENERAL BACTERIOLOGY—Two two-hour lectures, and six hours laboratory work. The morphology, cultivation, and physiology of the non-pathogenic bacteria. \$10.00 laboratory fee. Prerequisite General Botany, or General Zoology, and General Chemistry.

Four hours credit.

206. MICROBIOLOGY—A study of the yeasts, molds, protozoa, and bacteria; emphasis being placed on the forms producing disease in man. Two hours lecture, and six hours laboratory. \$10.00 laboratory fee. Prerequisite Bacteriology 205.

Four hours credit.

304. ORNITHOLOGY—Detailed study of local birds, their identifying characteristics, habitat, economic importance, and methods of increasing bird population. Lectures and "bird-walks" both individual and with instructor to typical localities around Youngstown. (To be arranged on demand).

Three hours credit.

205. GENERAL BACTERIOLOGY—Two one-hour lectures, and five hours laboratory work. The field study of ecological groups in Youngstown and vicinity. Study of specimens of typical habitat groups. (1934-1935).

Three hours credit.

401. GENETICS AND EVOLUTION—The study of inheritance, its evolutionary significance, and demonstrations of mechanisms of inheritance. Required of all majors in Biology. Offered 1934-35.

Three hours credit.

402. INDIVIDUAL WORK—Students majoring in Biology may pursue some line of biological work not included in the preceding courses. Open to students only by permission of the head of the department.

Credits variable.

BUSINESS ADMINISTRATION

ACCOUNTING

201, 202. THEORY AND PRACTICE OF ACCOUNTING—This course consists of the theory of account construction together with the development of books of original entry, the application of accounting principles to the different forms of business organization, and the preparation and interpretation of financial statements.

Three hours credit each semester.

201a, 202a. THEORY AND PRACTICE OF ACCOUNTING—Same as Accounting 201, 202, except that the course is in a more condensed form. (Offered in the evening).

Three hours credit first semester.

One and one-half hours credit second semester.

301, 302. ADVANCED THEORY AND PRACTICE OF ACCOUNTING—A study of corporation accounting procedure and problems, treatment of capital stock and bond issues, depreciation, forms of income statements, consolidated balance sheets, branch house accounting and foreign exchange accounting. (Offered in the evening.) Prerequisite, Courses 201a, 202a.

Three hours credit first semester.

One and one-half hours credit second semester.

303. COST ACCOUNTING—General methods of collecting costs of material, labor, and burden, and incorporation of them in the books of account. Cost control, including the use of the perpetual inventory and various subsidiary ledgers. Various methods of distributing burden costs. Presentation cost date, and problems of cost accounting in multiple process industries. (Offered in the evening.) Prerequisite, Courses 201a, 202a.

Three hours credit.

305. SPECIALIZED ACCOUNTING—A course in specialized accounting for representative industries such as department stores, foundries, flour mills, banks, fire insurance companies and others. (Offered in the evening.) Prerequisite, Courses 301, 302, 303.

One and one-half hours credit.

307. INTERPRETATION OF FINANCIAL STATEMENTS—An analysis of the fundamental principles involved in the proper construction and interpretation of financial statements such as manufacturing, selling, public utility, insurance and other types of companies. (Offered in the evening.) Prerequisite, Courses 301, 302, 303.

One and one-half hours credit.

401, 402. AUDITING—An intensive course in auditing practice and procedure for advanced students in accounting. (Offered in the evening.) Prerequisite, Courses 301, 302, 303.

Three hours credit each semester.

403, 404. FEDERAL TAXES—This course gives special attention to income tax procedure, including such items as personal tax accounting, taxable and non-taxable incomes, deductions and losses, computation of taxes and typical problems. (Offered in the evening.) Prerequisite, Courses 301, 302, 303.

Three hours credit each semester.

405, 406. C. P. A. QUIZ—It is assumed that the candidates for this course will be familiar with accounting procedure applicable to single proprietorships, partnerships, and corporations. All phases of accounting that will be encountered in either private business or public accounting will be treated from the standpoint of both theory and practice. Special emphasis will be placed on coaching candidates for the C. P. A. examinations. The problem method will be followed in the main, supplemented by class discussions, lectures, and quizzes. (Offered in the evening.) Prerequisite, Courses 301, 302, 303.

Three hours credit each semester.

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, relationships between employer and employee, credit, banking, and elementary accounting.

Three hours credit.

201. BUSINESS LAW: CONTRACTS AND AGENCY—A course in the law of contracts and agency for the student of business. 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. The fundamentals of the law governing business transactions of persons through agents.

Three hours credit.

201a. BUSINESS LAW: CONTRACTS AND AGENCY—Same as course 201, except in a more condensed form. (Offered in the evening.)

One and one-half hours credit.

202. BUSINESS LAW: PARTNERSHIPS AND CORPORATIONS—A course designed to give the student in business a practical working knowledge of important laws governing the formation and operation of partnerships and corporations. (Offered in the evening.) Prerequisite, Business Organization 201.

One and one-half hours credit.

303. BUSINESS LAW: NEGOTIABLE INSTRUMENTS—A study of bailments and carriers, sales, negotiable papers, banks, and suretyship. (Offered in the evening.)

One and one-half hours credit.

304. BUSINESS LAW: PROPERTY—This course covers estates, wills, bankruptcy, debtor and creditor. (Offered in the evening.)

One and one-half hours credit.

311. CORPORATE ORGANIZATION—Deals with the general types of business organization, corporation costs and procedure, taxes, stock holders, rights, duties, liabilities, and inter-corporate relations. Prerequisite, Economics 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, co-operative plans and re-organizations. (Offered in the evening.)

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 307.

Three hours credit.

324. MARKETING—A general survey of the field of Marketing. A study of marketing functions and policies and marketing institutions. Prerequisite, Economics 201.

Three hours credit.

325. SALESMANSHIP—This course covers 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. (Offered in the evening.)

Two hours credit.

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. (Offered in the evening.)

Two hours credit.

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 advertisements. (Offered in the evening.) Prerequisite, Business Organization 327.

Two hours credit.

335. INVESTMENTS—A study of capital and its supply and demand, return on invested capital, classification and analysis of securities, types of investments to meet special needs, calculation of return on investments, how to buy and sell securities and investment forecasting. (Offered in the evening.) Prerequisite, Business Organization 311.

Two hours credit.

CHEMISTRY

The courses offered in Chemistry will enable the student to major in the subject and also take additional courses in the field of chemistry in which he is especially interested. Students wishing to take up medicine, nursing, and home economics will find most of their required chemistry courses in the list. Chemistry majors are required to take the following courses: 109 or 111, 110 or 112, 203, 209, 304, 306, 311, and 312.

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.

Four hours credit each semester.

111-112. GENERAL CHEMISTRY—Hours and credits same as 109 and 110. A more advanced course in general chemistry for those who have had a satisfactory year's work in high school.

113-114. EVERYDAY CHEMISTRY—Two lectures and recitations, and two two-hour laboratory periods each week. This course is intended for students who do not expect to major in chemistry but seek the cultural value of chemistry. Emphasis is placed upon the chemistry of the things with which we have daily contact, as chemistry in the home, the parks and fields, and everyday business and industrial life. The mathematical phases are not involved. Not accepted for credit toward a major in Chemistry and not recommended for pre-medical students, pre-engineering students, majors in Biology, Geology, Mathematics, and Physics.

Four 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 110 or 112.

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 home economics students and others who do not care for the full five-hour course. Pre-requisite, General Chemistry.

Three hours credit.

203. QUANTITATIVE ANALYSIS—One lecture and recitation and twelve hours laboratory each week. Gravimetric, volumetric, and colorimetric analysis. Pre-requisite, General Chemistry and Qualitative Analysis.

Five hours credit.

213. LABORATORY TECHNIQUE—A laboratory course including discussions. The course is offered for the purpose of developing greater skill in constructing and setting up apparatus which is so often needed by research students and teachers of chemistry.

One to 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. Pre-requisite, General Chemistry and Qualitative Analysis.

Five hours credit.

306. ORGANIC CHEMISTRY—Three three-hour laboratory periods each week which includes one discussion period. The work consists of the preparation and study of typical aliphatic and aromatic compounds. Pre-requisite or concurrent, Chemistry 304.

Three hours credit.

308. ORGANIC CHEMISTRY—Three hours of laboratory work each week with conferences. Advanced organic preparations. Pre-requisite or concurrent, Chemistry 306.

One hour credit.

311-312. PHYSICAL CHEMISTRY—Three lectures and recitations each week. A fundamental course in physical chemistry. Pre-requisite or concurrent, acceptable courses in organic chemistry, physics, and calculus.

Three hours credit each semester.

313. METALLURGY—Two lectures and recitations each week. A brief course in the common metallurgical processes.

Two hours credit.

314. METALLOGRAPHY—Two lectures and recitations each week. A study of the internal structure of metals and alloys, and of its relation to their composition, and to their physical and mechanical properties. Pre-requisite or concurrent, Chemistry 312 and 313.

Two hours credit.

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.

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.

Two hours credit.

319. ADVANCED INORGANIC CHEMISTRY—Two lectures and recitations each week. An advanced course in inorganic chemistry stressing the more difficult points of theory. Open to students who have had two years of chemistry.

Two hours credit.

321. ADVANCED ORGANIC CHEMISTRY—Two lectures and recitations each week. An advanced course in theory of organic chemistry. Open to seniors.

Two hours credit.

401. QUANTITATIVE ANALYSIS, ADVANCED—Six or nine laboratory hours which includes one discussion period. The work includes colorimetric, turbidimetric, electrometric, and hydrogen ion determinations. Pre-requisite, Chemistry 203 or its equivalent.

Two or three hours credit.

404. ORGANIC ANALYSIS—Twelve laboratory hours each week; includes 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.

Four hours credit.

EDUCATION

First Semester

300. INTRODUCTION TO TEACHING—An orientation course in education aiming to give the prospective teacher a general view of the school of today and of its historical development. Each student should build for himself a sound philosophy of education based on the findings of science and with a forward-looking attitude toward the ideal school of tomorrow. The qualifications and preparation of the prospective teacher are studied. Open to Juniors and Seniors.

Three credit hours.

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 credit hours.

303. HISTORY OF EDUCATION—A study of 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 Junior and Seniors.

Two credit hours.

306. TESTS AND MEASUREMENTS (Fee \$1.00)—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. Elementary statistics and graphic presentation. Open to Juniors and Seniors.

Two credit hours.

401. PRINCIPLES OF EDUCATION—A course in the philosophy of education that seeks to help the student to develop a unified view of the place and function of education in our civilization, based on the conceptions of modern biology, psychology, and sociology. This course may be counted also on a major or minor in Philosophy. Open to Seniors.

Three credit hours.

Second Semester

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

Three credit hours.

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 Juniors and Seniors.

Three credit hours.

400. SPECIAL METHODS—A study of problems involved in the teaching of different high schools subjects. Each student will specialize on the subject of his special interest. Observation of teaching in public secondary schools; reports; term paper. Prerequisite, Principles of Teaching. Open to Seniors.

Two credit hours.

404. SUPERVISED STUDENT TEACHING (Laboratory Fee \$10.00)—Observation and teaching of high schools 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. In general, a quality point average of 2.00 in his major and minor departments will qualify a student to enter this course. It is clearly 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.

Three to five credit hours.

EDUCATIONL PSYCHOLOGY—See course number 202 under Psychology

ENGINEERING DRAWING

101, 102. PRINCIPLES OF ENGINEERING DRAWING AND DESCRIPTIVE GEOMETRY—Two four-hour periods of lectures and laboratory each week. Orthographic projection, auxiliary drawings, isometric and other pictorial representation, lettering. Last twelve weeks of second semester devoted to Descriptive Geometry. Special fee, each semester, \$2.50.

Four hours credit each semester.

(For description of other Engineering subjects see departments under which offered.)

ENGLISH

English majors are expected to complete courses 101-102, 203-204, 205, and Speech 115 or 117.

LANGUAGE

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

Three hours credit each semester.

201. ADVANCED COMPOSITION—Practice in essay and other forms of writing to develop power for correct and fluent expression. Prerequisite, Course 101-102.

Two hours credit.

205. HISTORY OF THE ENGLISH LANGUAGE—A survey of the development of the language from its first literary forms to the present, with emphasis on changes in grammar, vocabulary, and other details. Prerequisites, Courses 101-102 and 203.

Two hours credit.

211-212. JOURNALISM—News writing and reporting, page make-up, editorial writing, theory and practice. Studies of form, content, purpose, and ethics of journalism. Prerequisite, Course 101-104.

Two hours credit each semester.

311. BUSINESS LETTERS AND REPORTS—A practical course in the writing of effective business letters, including credits, complaint, adjustment, sales, and other types of modern business communications. This is a course for advanced students. (Offered in the evening.)

Two hours credit.

342. CREATIVE WRITING—A study of short story, verse, and magazine article writing with emphasis upon technique and practice. Individual conferences. The marketing of manuscripts is fully discussed. Prerequisite, Course 101-102.

Three hours credit.

LITERATURE

203-204. SURVEY OF ENGLISH LITERATURE—A study of the masterpieces of English prose and poetry, with emphasis on forms and backgrounds. Prerequisite, Course 101-102.

Three hours credit each semester.

206. SURVEY OF AMERICAN LITERATURE—Survey of the history, development, and types of American literature, with reference to trends and backgrounds. Prerequisite, Course 101-102.

Three hours credit.

301. CHAUCER—A study of the life and literature of the fourteenth century as reflected in the writings of Chaucer and his contemporaries. Prerequisite, Course 101-102 and 203.

Two hours credit.

307. ROMANTIC PERIOD—An appreciative study of the works of Scott, Wordsworth, Coleridge, Byron, Shelley, Keats, etc. Prerequisite, Course 101-102.

Three hours credit.

308. VICTORIAN LITERATURE—A survey of writings of Carlyle, Ruskin, Tennyson, Browning, Matthew Arnold, and other writers of the period. Prerequisite, Course 101-102.

Three hours credit.

309-310—SHAKESPEARE—An intense study of Shakespearan drama and its relation to the life and literature of Elizabethan England. Prerequisite, Course 101-102.

Three hours credit.

310. SHORT STORY—An appreciative reading course with analysis of present-day types and models stressing contemporary trends. Prerequisite, Course 101-102.

Three hours credit.

315-316. CONTEMPORARY LITERATURE—An approach to the literature of our day. A survey of the novel, the short story, the drama, and the field of poetry since 1890. Prerequisite, Course 101-102.

Three hours credit.

324. THE NOVEL—A study of the history and development of the novel in England and America with special emphasis on the field since 1890. Prerequisite, Course 101-102.

Three hours credit.

327. RISE OF AMERICAN MAGAZINES—The history and development of magazines in America from the earliest forms to those of the present day—the "annuals," Godey's Lady's Book, the "Yellowbacks," the "Quality Group," specialized magazine and trade journals. Advertising, make-up, and policy. Prerequisite, Course 101-102.

Three hours credit.

330. METHODS IN TEACHING ENGLISH IN HIGH SCHOOLS—A study of the principles of teaching as applied in the courses of High School English. Observations of classroom teaching. Required of prospective teachers of English. Prerequisite, Course 101-102.

Three hours credit.

400. PRO-SEMINAR—Designed for seniors majoring in English. The course is based upon individual investigation and gives an introduction to the methods and technique of graduate study in the field of English. Prerequisite, special approval.

Two hours credit.

SPEECH

115-116. ELEMENTARY SPEECH—A study of the fundamentals of speech, formal and informal speaking, dramatic interpretations, and debate.

Two hours credit each semester.

117-118. SPEAKING VOICE CULTURE—A practical intensive course which aims to develop a musical, resonant voice. It includes drill in voice placing, shaded vowel sounds, vocabulary, work in expression, and minor items which contribute to poise and personality.

Two hours credit each semester.

215-216. DEBATE—A seminary course for students of proven forensic ability. Students will be prepared for participation in intercollegiate debates. Prerequisite, Course 115 or 117.

Two hours credit each semester.

219-220. DRAMATICS—Character interpretation and projection, involving elementary technique of acting, staging, and play production.

One hour credit each semester.

313, 314. 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. Repeated second semester. (Offered in the evening.)

Two hours credit each semester.

GEOGRAPHY

101. **ECONOMIC GEOGRAPHY**—The influence of geographic environment upon industries and other human activities, with special reference to the United States.

Three hours credit.

102. **PRINCIPLES OF GEOGRAPHY**—A study of human adjustments to the elements of the natural environments, such as climates, soils, land forms, surface, ground waters, and minerals.

Three hours credit.

301. **PHYSICAL GEOGRAPHY**—This course is a study of the earth's surface. The forces of erosion, as those of the winds, running water, tides, and their effect in the forming of streams, valleys, plains, and shore lines will be studied. Study will also be made of mountain and plateau formations, volcanoes and earthquakes of the earth as it is today.

Three hours credit.

GREEK

111-112. **ELEMENTARY GREEK**—A study of vocabulary, grammar and syntax, with readings and composition in Greek. Prerequisite to all courses.

Four hours credit each semester.

211. **XENOPHON'S ANABASIS OR MEMORABILIA**—Rapid reading, with review of grammar and composition. For students taking regular Liberal Arts course. Prerequisite, Greek 111-112.

Three hours credit.

212. **HOMER'S ILIAD**—Translation, study of Greek poetic forms, mythology, scansion, grammar, and etymology. A continuation in second semester 211. Prerequisite, Greek 211.

Three hours credit.

213. **NEW TESTAMENT GREEK**—Reading of selections from New Testament. Differences from Attic Greek noted, with review of grammar and composition. For students expecting to enter ministry or religious training. Prerequisite, Greek 111-112.

Three hours credit.

311. **THE APOLOGY; CRITO**—Translation, study of the Sophists, the life and philosophy of Socrates, Greek ideals and customs. Prerequisite, Greek 211-112.

Three hours credit.

HOME ECONOMICS

101. **FOOD ECONOMICS AND ELEMENTS OF NUTRITION**—Two lectures and one two-hour laboratory period. Discussion of fundamental problems of food in relation to health; construction of dietaries.

Three hours credit.

102. **DRESS SELECTION AND COSTUME DESIGN**—Two hours lecture and one two-hour laboratory period. This course is a practical application of art principles as they are used in selecting, designing, and making or purchasing costumes to suit different occasions and types of people.

Three hours credit.

103. **FOODS**.—Two hours lecture and one two-hour laboratory period. A study of the principles of food selection and preparation; economic cost, and planning of meals with correct table service.

Three hours credit.

104. **CLOTHING**—One hour lecture and two two-hour laboratory periods. Fundamental principles underlying the planning, selection, and construction of garments. Lectures on clothing problems.

Three hours credit.

LATIN

111. HORACE—Odes, satires, epistles. Study of Latin prosody, ideals, and customs. Translation, syntax, composition. Prerequisite, three years of high school Latin.

Three hours credit.

112. CICERO—De Senectute and De Amicitia. Study of Latin prose, translation, syntax, composition. Prerequisite, Latin 111.

Three hours credit.

211. LIVY—Selections. Tacitus. Translation, composition. Prerequisite, Latin 111 or 112.

Two hours credit.

212. PLAUTUS; TERENCE—Selected plays. Translation, reports. Prerequisite, Latin 111 or 112.

Two hours credit.

224. ROMAN LIFE AND INSTITUTIONS—Life, public and private; religion, art, philosophy. Prerequisite, Latin 111-112.

Two hours credit.

223. ADVANCE PROSE COMPOSITION AND SYNTAX—Study of forms and practices. Prerequisite, Latin 111-112.

Two hours credit.

MATHEMATICS

A major in the field of mathematics must include, in addition to the fundamental work of the first two years, at least three semester courses offered only to Juniors and Seniors. These advanced courses are selected from year to year to meet the needs of the class, and to give as great a variety for choice as possible.

Chemistry, Physics, and Pre-Engineering students should take the work of the department at least through the Calculus. Other students may elect individual courses or sequences for which they are prepared. The work of the Freshman year is open to all who satisfy the college entrance requirements in mathematics.

101. COLLEGE ALGEBRA—The fundamentals of Algebra are rapidly reviewed, after which advanced topics, such as progression, permutations and combinations, theory of equations, complex numbers, and determinants are studied. Open to Freshmen.

Three hours credit.

111-112. COLLEGE ALGEBRA—This course is equivalent of course 101, except that more time is allowed for review of the fundamentals of Algebra, and some additional ground is covered. Open to Freshmen.

Two hours credit each semester.

103. PLANE AND SPHERICAL TRIGONOMETRY—The work includes logarithms, goniometry, solution of triangles, trigonometric equations and construction of tables. Should follow or be accompanied by Math. 111-112.

Three hours credit.

114. ANALYTICAL GEOMETRY—This course is largely a study of equations and their graphs. Curve fitting by means of empirical equations is also included. Prerequisite, Trigonometry.

Three hours credit.

207. MATHEMATICS OF FINANCE—Such topics are considered as simple and compound interest, discount, annuities, sinking fund methods, and life insurance. College Algebra is desirable as a prerequisite.

Three hours credit.

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.

314. ANALYTICAL MECHANICS—A mathematical treatment of problems in statics and dynamics of particles and rigid bodies. Prerequisites, Mathematics 210 and Physics 201. (Offered 1932-33.)

Three hours credit.

315. DIFFERENTIAL EQUATIONS—Methods of solving ordinary differential equations, especially those met with in physics and engineering. Prerequisite, Mathematics 209 and 210. (Offered 1933-34).

Three hours credit.

316. ADVANCED DIFFERENTIAL EQUATIONS—Additional methods for solving ordinary differential equations, including those of linear form and higher order; partial differential equations; systems of differential equations. Prerequisite, Mathematics 315. (Offered 1933-34).

Two or three hours credit.

330. COLLEGE GEOMETRY—Advanced relations to be found in Euclidean Geometry, such as Ceva's theorem, the nine-point circle, Brocard points, etc., are studied from the standpoint of the prospective teacher of high school geometry. However, the course should be equally valuable to the student of mathematics and engineering, and of cultural value to others. Prerequisite, Junior standing. (Offered 1933-34).

Three hours credit.

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 the instructor. (Offered Summer, 1932).

Three hours credit.

MODERN LANGUAGES

At present the only language in which enough courses are offered to constitute a major is French. However, a major in Romance Languages may be obtained by combining 18 semester hours of courses in French above the 100 group with 6 semester hours of intermediate or advanced Spanish or of elementary Italian. A minor in Romance Languages may consist of intermediate French and any three courses in French Literature, or of Spanish 203, 204, 305, and of six hours of Italian.

Until there is a demand for advanced courses in German enough credits cannot be obtained to constitute a minor in this language. However, students who intend to do graduate work will find the elementary and intermediate courses very helpful in preparing for the examination in reading knowledge of German, which is required for most advanced degrees.

FRENCH

101-102. ELEMENTARY FRENCH—Fundamental principles of grammar, drill in pronunciation through the use of phonetic characters, together with conversation and dictation exercises in connection with the reading of simple texts.

Four hours credit each semester.

203. INTERMEDIATE FRENCH—Review of grammar and elementary composition. Modern texts will be read and discussed. Prerequisite, French 102 or two years of high school French.

Three hours credit.

204. INTERMEDIATE FRENCH—A continuation of French 203. This course will be conducted partly in French and texts will be used which may serve as an introduction to the study of French literature.

Three hours credit.

306. SURVEY OF FRENCH LITERATURE SINCE ROUSSEAU—A continuation of French 305 dealing with the progress of French literature since the beginnings of the Romantic movement.

Three hours credit.

306. SURVEY OF FRENCH LITERATURE SINCE ROSSEAU—A continuation of Frnch 305 dealing with the progress of French literature since the beginnings of the Romantic movement.

Three hours credit.

307. MODERN NOVEL IN FRANCE—The course will be conducted in French. Study of representative novels of the Nineteenth and Twentieth centuries. Prerequisite, French 204 or equivalent.

Three hours credit.

308. FRENCH CLASSICAL DRAMA—Conducted in French. Study of the versification and technique of selected plays of Corneille, Racine, and Moliere. Prerequisite, same as French 307.

Three hours credit.

309. FRENCH PROSE WRITERS OF THE EIGHTEENTH CENTURY—A study of the doctrines and tendencies of French thought of the Eighteenth century as illustrated in the writings of Voltaire, Diderot, and Rousseau. (1933-34.)

Three hours credit.

310. MODERN FRENCH POETRY—A study of the three movements in Nineteenth century poetry; Romanticism, Le Parnasse, and Symbolism, illustrated by interpretative lectures. Selected poems will be studied by the method of Explication de Textes.

Three hours credit.

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.

Four 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 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.

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 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 at the same time they serve as material for the study of the language.

Three hours credit.

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.

Four 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.

305. SURVEY OF SPANISH LITERATURE TO 1700—An introductory course illustrated with selections from the principal classic writers, especially those of the Golden Age. Conducted partly in Spanish. (1932-33).

Three hours credit.

306. SURVEY OF MODERN SPANISH LITERATURE—May be taken independently of Spanish 306. For both courses the prerequisite is Spanish 204 or its equivalent. The purpose of this course is to acquaint the student with the principal writers of Spain since 1700. (1932-33).

Three hours credit.

MUSIC

Work done in applied music, under approved instructors, may be given a limited amount of college credit. Students must have completed a high school course or its equivalent, be sufficiently advanced in the subject for which credit is desired, and have the approval of the Dean.

Application for such credit must be filed in the College Office and duly approved, accompanied by a payment of \$5.00 for each credit-hour. Following is the basis for credit:

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 co-ordinated into a major, such credits must be accompanied by studies in musical theory, as outlined in the catalog of Youngstown College, or by courses accepted in lieu thereof by the regularly constituted authorities.

Music 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 offered 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.

Music 103, 104. ELEMENTARY HARMONY—Two recitations each week. 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.

Music 105, 106. APPRECIATION OF MUSIC—Two recitations each week. A discussion of the problems of listening to music, designed primarily for the non-professional listener. Lectures, outside readings, study of phonographic records, reports.

Two hours credit each semester.

Music 201, 202. ADVANCED HARMONY—Three recitations each week. A continuation of Harmony 103 and 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, 101, 102, 103, 104.

Three hours credit each semester.

Music 203, 204. HISTORY OF MUSIC—Two recitations each week. A study of the beginnings of music from pre-historic times down to the beginning of the sixteenth century. Text—A History of Music, Pratt.

Two hours credit each semester.

Music 301, 302. STRICT COUNTERPOINT—Two recitations each week. First, second, third, fourth, and fifth species of academic counterpoint in two, three and four parts; combined counterpoint. Text—The Art of Counterpoint, Kitson. Prerequisites 101, 102, 103, 104, 201 and 202.

Two hours credit each semester.

Music 303, 304. HISTORY OF MUSIC—Three recitations each week. A continuation of 203 and 204. The development from the beginning of the sixteenth century down to the present day. Text—A History of Music, Pratt.

Three hours credit each semester.

Music 401, 402. 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. Text, Musical Form, Cornell,

Three hours credit each semester.

PHILOSOPHY AND ETHICS

301. HISTORY OF PHILOSOPHY—The development of philosophy from the time of the Greeks down to the present day, with a discussion of present-day philosophic problems in the light of their origin.

Three hours credit.

302. HISTORY OF PHILOSOPHY—A continuation of History of Philosophy 301. Prerequisite, Philosophy 301.

Three hours credit.

303. 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.

305. 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.

Three hours credit.

306. ETHICS—A continuation of Ethics 305. Prerequisite, Ethics 305.

Three hours credit.

307. HISTORY OF ETHICAL THOUGHT—A survey of the ethical thought of the centuries to the present day, beginning with the Greeks, and as seen in the light of the historical conditions of each era.

Three hours credit.

PHYSICAL EDUCATION

101, 102. PHYSICAL EDUCATION AND HYGIENE (Men)—Three hours each week. The course includes hygiene and general body-building exercises, gymnastic and athletic games, and competitive sports, with advanced elective activities for the physically superior groups. Required of Freshmen.

One hour credit each semester.

103, 104. PHYSICAL EDUCATION AND HYGIENE (Women)—Three hours each week. The course includes calisthenics, basketball, tennis, swimming, recreative games, folk and aesthetic dancing, personal hygiene. Required of Freshmen.

One hour credit each semester.

205, 206. ADVANCED PHYSICAL EDUCATION (Men)—Three hours each week. A continuation of courses 101, 102. Required of Sophomores.

One hour credit each semester.

PHYSICS

With the addition last year of advanced courses in physics it is now possible for a student to do major work in this field. Since the fundamental course is of sophomore grade, eight hours of freshman work in mathematics or chemistry may be counted toward the requirements of the major in physics. For a minor in physics, one year beyond the sophomore course is required.

201-202. GENERAL COLLEGE PHYSICS—A general course in the fundamentals of physical science. The first semester ordinarily includes the study of mechanics, heat, and sound, the second semester being devoted to electricity, magnetism, and light. Lecture and recitation, three hours, and two two-hour laboratory periods each week. Prerequisite, Sophomore standing. Trigonometry highly desirable.

Five hours credit each semester.

211-212. SURVEYING—One hour of lecture or recitation and three or six hours of field work each week. A course intended to give the fundamental principles of surveying, fitting one to make practical application of the knowledge and skill required. Prerequisite, Trigonometry.

Two or three hours credit each semester.

303. ELECTRICITY AND MAGNETISM—This course presents a critical study of the physical laws underlying this highly important subject. Prerequisites, Physics 202 and Mathematics 209. (Offered 1933-34).

Three hours credit.

305-306. ELECTRICAL MEASUREMENTS—A course designed to accompany or to follow Physics 303, applying the principles there studied, to the measurement of current, inductance, capacitance, etc.

One or two hours credit each semester.

308. THERMODYNAMICS—A study of the fundamental laws of thermodynamics: Carnot cycle, the heat engine, entropy, reversible and irreversible, cycles; application to certain problems. Prerequisite, Physics 201 and Mathematics 210. (Offered 1933-34).

Three hours credit.

314. ANALYTICAL MECHANICS—Credit is granted for this course either as physics or as mathematics 314. For a description of the course, see the latter. (Offered 1932-33).

Three 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, various dynamic phases of consciousness, and the integration of personality. Prerequisite to all other courses in the field.

Three hours credit.

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

Three hours credit.

203. CHILDHOOD AND ADOLESCENCE—A study of the development of the child, his structure, needs, motivations, care, and social adjustment, up to and including the period of adolescence. Prerequisite, Course 201.

Three hours credit.

301. APPLIED PSYCHOLOGY—A study of the problems, methods and results of the application of psychological principles to professional and other fields. Prerequisite, Psychology 201.

Three hours credit.

302. PSYCHOLOGY OF THE ABNORMAL MIND—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—Study of the psychological facts and principles affecting religious experiences, sense of sin, conversion, character development, faith, worship, and allied dynamics of personality, or spiritual influences activating the individual and society. Prerequisite, Psychology 201.

Three hours credit.

304. SOCIAL PSYCHOLOGY—A study of psychological principles and methods applied to social problems and factors influencing social life. Prerequisite, Psychology 201.

Three hours credit.

ECONOMICS

201. PRINCIPLES OF ECONOMICS—A study of the laws of production, exchange, distribution, and consumption of goods, the fundamentals of wealth, and an analysis of the industrial actions of men as regards land, labor, capital, money, credit, rent, interest, and wages. Designed for Freshmen and Sophomores.

Three hours credit.

202. PRINCIPLES OF ECONOMICS—Continuation of Course 201.

Three hours credit.

301. CONTEMPORARY SYSTEMS OF ECONOMIC REFORM—A survey of the history of systems of reform, Utopian Socialism, Scientific Socialism, Communism, Fascism, and the New Deal. First semester.

Three hours credit.

302. CONTEMPORARY SYSTEMS OF ECONOMIC REFORM—Continuation of Course 301. Second semester.

Three hours credit.

303. ECONOMIC HISTORY OF THE UNITED STATES—A study of the economic forces that have shaped our national life. First semester.

Three hours credit.

304. MARKETING—A course in the principles of marketing. Second semester.

Three hours credit.

307. MONEY AND BANKING—A study of the functions and services of money, regulation of currency, modern financial structure, the operation of investment and commercial banks, and the Federal Reserve system. Prerequisite, Economics 202.

Three hours credit.

308. PUBLIC UTILITIES—The purpose of this course is to study the economic basis of public utility enterprises, the development of agencies of regulation of the United States, the commercial system of regulation, both State and Federal. The course will also cover trends and public policies affecting utility government and municipal ownership and a general summary of the development of regulation. First semester, prerequisite, Economics 201.

Three hours credit.

309. LAND ECONOMICS—A study of the fundamental problems of home ownership, forestry, agricultural credit, tenancy. Also, the course will cover a study of the place of land in our economic life, of the services rendered by land, and the principles governing the use of land. Second semester.

Three hours credit.

HISTORY

Students majoring in history should distribute their work over at least three fields and include Course 400. Students should include the fields of American History, European History, Latin-American History and one other selected from either Ancient Greek or Roman History, English History, or History of the Far East. They are strongly advised to elect two years each of German and French, and elect at least the introductory courses in Political Science, Economics, Geography, and Sociology.

101. MODERN EUROPEAN HISTORY, 1500-1815—A general survey of the history of Western Europe, covering the period from Luther and Henry VIII to Napoleon. The purpose of this course is to give the student a comprehensive understanding of the many phases of modern civilization. Designed for Freshmen and Sophomores. First semester.

Three hours credit.

102. MODERN EUROPEAN HISTORY, 1815 TO THE PRESENT—A survey of the history of Europe, emphasizing its relations to the rest of the world during the nineteenth and twentieth centuries. Students who elect to take only one semester of history are advised to take this course. Desigend for Freshmen and Sophomores. Second semester, continuation of Course 101.

Three hours credit.

201. HISTORY OF THE UNITED STATES TO 1828—A study of the general political, social, and economic developments of the United States from the beginning of our history to the Jacksonian era. Designed for Sophomores.

Three hours credit.

202. HISTORY OF THE UNITED STATES SINCE 1828—A continuation of 201 giving special emphasis to the quarter of a century which preceded the Civil War and the like period which followed. Designed for Sophomores.

Three hours credit.

302. HISTORY OF RUSSIA—A study of the development of the Russian people and their political institutions from earliest times to the present. First semester.

Three hours credit.

303. FRENCH REVOLUTION—The Napoleonic era from 1789 to 1815. Second semester.

Three hours credit.

305. HISTORY OF THE SOUTH SINCE 1860—The purpose of this course is to give an intimate idea of the life and labor in the South since the Civil War: its geography and natural resources; industrial development; labor conditions in home, farm and factory, and the special problems of the white and black. First semester, prerequisites, Courses 201 and 202.

Three hours credit.

306. WESTERN AMERICAN HISTORY—This course follows the "ride of the empire" mainly during the Nineteenth century and covers its development from economic, social and political standpoints. Second semester.

Three hours credit.

400. PRO-SEMINAR—This course is designed primarily for students majoring in history and is based upon individual investigation and cooperative study of approved topics. This course gives an introduction into the methods and technique of graduate study in the social sciences. Prerequisite, approval of the instructor. Second semester in alternate years.

Two hours credit.

POLITICAL SCIENCE

101. INTRODUCTION TO POLITICAL SCIENCE—An introduction to American political life. First semester.

Three hours credit.

102. AMERICAN GOVERNMENT—A survey of federal, state, city, and county governments. Second semester.

Three hours credit.

306. COMPARATIVE GOVERNMENTS—A comparative study of governments and politics in America and the other leading nations of the world, with regard to forms, procedure, and recent developments. Prerequisite, Course 102. First semester.

Three hours credit.

310. AMERICA'S FOREIGN POLICY—This course is a full and detailed study of the facts of our foreign policy through the entire period of our history from the French Alliance in 1778 through the World War and the many conferences since that time. Second semester.

Three hours credit.

312. AMERICAN STATESMEN—This is a study of American government through the lives of the leading statesmen, who have been instrumental in shaping the policies of the American government in past and present. Prerequisite, Course 101. Second semester.

Three hours credit.

SOCIOLOGY

101. AN INTRODUCTION TO WESTERN CIVILIZATION—This is an orientation course open to Freshmen. The purpose of the course is to give a broad general treatment of those social forces which are shaping our civilization. It will include a study of man's culture, ancient and present, his institutions, his ethical standards, and the more material side of his civilization. First semester.

Three hours credit.

201. PRINCIPLES OF SOCIOLOGY—A study of the fundamental ideas and principles of sociology. Also a study of the origins and proposed solutions of some of our modern social problems. Text book, assigned readings and discussions. First semester.

Three hours credit.

204. SOCIAL PATHOLOGY—A study of the social problems of society. Second semester.

Three hours credit.

310. THE FAMILY—A study of the family in its different forms and types, at different times and among different peoples. First semester.

Three hours credit.

311. CULTURAL ANTHROPOLOGY—A study of the institutions of primitive people in pre-historic and modern times, their cultures and desires, art and religions. This course follows 310, the second semester.

Three hours credit.

312. SYSTEMS OF PUBLIC WELFARE—This course includes a study of the programs for the protection and care of the socially, physically and mentally handicapped, as expressed in legislation for the promotion of health, recreation, old age pensions, etc. First semester.

Three hours credit.

313. INDUSTRIAL SOCIOLOGY—An interpretation of the theories and principles which underlie the present organization of business, corporate ownership, and the wage systems in industry. It studies the effect upon society of the economics of plenty and the economics of scarcity. Second semester.

Three hours credit.

BUSINESS ADMINISTRATION

The course in Business Administration offers an opportunity for students to secure an A. B. degree with a major in business administration. The purpose of this course is to give training in accounting and business administration.

The field of public accounting is particularly alluring. It is the aim of the school to prepare its students for accounting work and for the C. P. A. Examination. This degree, which is granted by the various states, is a mark of distinction which is recognized in all fields of accounting, public and private.

The course in Business Administration aims to develop general executives as well as specialists in the fields of marketing, advertising, and salesmanship.

SUGGESTED CURRICULUM FOR THE DEGREE OF BACHELOR OF ARTS IN BUSINESS ADMINISTRATION

First Year

First Semester	Second Semester
English 101 3 hrs.	English 102 3 hrs.
Chemistry 109-111 or	Chemistry 110-112 or
Biology 103 4 hrs.	Biology 108 4 hrs.
Business Organization 101 . . . 3 hrs.	Geography 101 or 102 3 hrs.
Mathematics 111 2 hrs.	Mathematics 112 2 hrs.
Psychology 201 3 hrs.	Economics 102 3 hrs.
Physical Education 101 1 hr.	Physical Education 102 1 hr.
16 hrs.	16 hrs.

Second Year

First Semester	Second Semester
Accounting 201 3 hrs.	Accounting 202 3 hrs.
Economics 201 3 hrs.	Economics 202 3 hrs.
Language 101 4 hrs.	Language 102 4 hrs.
Law 201—Contracts; Agency 3 hrs.	Law 202—Partnership; Corp. 3 hrs.
English 115 2 hrs.	English 116 2 hrs.
Physical Education 205 1 hr.	Physical Education 206 1 hr.
16 hrs.	16 hrs.

Third Year

First Semester	Second Semester
Accounting 303 (Cost) 3 hrs.	Business Organization 321 . . . 3 hrs.
Economics 307 3 hrs.	Business Organization 322 . . . 3 hrs.
Bus. Organization 311 3 hrs.	Law 304—Bankruptcy;
Law 303—Bailments; Carriers 2 hrs.	Debtor 2 hrs.
English—Bus. Letters 2 hrs.	English—Bus. Letters 2 hrs.
Elective 2 hrs.	Elective 5 hrs.
15 hrs.	15 hrs.

Fourth Year

First Semester		Second Semester	
Accounting 301	2 hrs.	Accounting 302	2 hrs.
Business Organization (Industrial Org. & Mgmt.)	2 hrs.	Business Organization 315 (Corp. Finance)	2 hrs.
Electives	11 hrs.	Electives	11 hrs.
<hr/>		<hr/>	
15 hrs.		15 hrs.	

EVENING CLASSES

The suggested course of study below is for students who are employed during the day and must take their work in the evening classes. The most essential courses for preparation for the fields of Accounting and Business Administration are included in this course of study. The evening classes are open to day students, and credits received may be applied toward the Bachelor of Arts degree.

The special evening program outlined below gives the student sixty semester hours of credit and leads to the title, Associate in Business Administration.

SUGGESTED COURSE OF STUDY FOR EVENING STUDENTS

First Year

First Semester		Second Semester	
Theory of Accounting		202a	1½ hrs.
201a	3 hrs.	English 102	3 hrs.
English 101	3 hrs.	Law of Contracts and Agency 201	1½ hrs.
Theory of Accounting			

Second Year

First Semester		Second Semester	
Cost Accounting 303	1½ hrs.	Cost Accounting 303	1½ hrs.
Economics 201a	3 hrs.	Economics 202a	3 hrs.
Law of Partnerships and Corporations 202	1½ hrs.	Law of Negotiable Instruments 303	1½ hrs.

Third Year

First Semester		Second Semester	
Accounting Theory and Practice 301	3 hrs.	Elective	1½ hrs.
Law of Property and Bankruptcy 304	1½ hrs.	Accounting Theory and Practice 302	1½ hrs.
		Elective	4½ hrs.

Fourth Year

First Semester		Second Semester	
Federal Taxes 403	3 hrs.	Federal Taxes 404	3 hrs.
Elective	3 hrs.	Elective	3 hrs.

Fifth Year

First Semester		Second Semester	
Auditing 401	3 hrs.	Auditing 402	1½ hrs.
C. P. A. Quiz 405	3 hrs.	C. P. A. Quiz 406	3 hrs.
		Elective	1½ hrs.

Professional

EDUCATION

The Department of Education of Youngstown College is approved by the Department of Education of the State of Ohio for the training of high school teachers. The courses in Education give the prospective teacher opportunity to secure both a theoretical background and practical experience in the teaching profession. Students who expect to qualify for the Four-Year Provisional Certificate of the State of Ohio must complete not less than twenty semester hours of professional training. The following courses are definitely required: Educational Psychology (three credits), Introduction to Teaching (three credits), Principles of Teaching (three credits), Classroom Administration, Organization, and Management (three credits), Special Methods in a high school subject (two credits), and Supervised Student Teaching (three to five credits). Not later than the beginning of his Junior year the student should consult with the head of the Department of Education to ensure that his plans for professional preparation are adequate. The student should also plan his courses well in advance to be sure that he will satisfy the major, minor, and group requirements for the degree of Bachelor of Arts at Youngstown College. In the subjects which he will teach in high school, the Department of Education of the State of Ohio requires that the prospective teacher shall have a major of at least eighteen semester hours and two minors of at least ten semester hours each, in addition to certain high school prerequisites. Special Methods courses may be counted in computing majors and minors. Certain other courses in Education may also be counted in computing majors and minors in certain subjects. A student may take a major in Education by having at least twenty-seven semester hours in Education, but it should be realized that this major cannot be utilized as a high school teaching subject.

SUGGESTED CURRICULUM FOR TEACHER TRAINING COURSE

Freshman Year

First Semester	Second Semester
Freshman English 101 3 hrs.	Freshman English 102 3 hrs.
Foreign Language 3-4 hrs.	Foreign Language 3-4 hrs.
Laboratory Science 3-4 hrs.	Laboratory Science 3-4 hrs.
Physical Education 1 hr.	Physical Education 1 hr.
Electives 6-4 hrs.	Electives 6-4 hrs.

Sophomore Year

First Semester		Second Semester	
Psychology 201	3 hrs.	Educational Psychology 202	3 hrs. (Including four observations)
Social Science	3 hrs.	Social Science	3 hrs.
Physical Education	1 hr.	Physical Education	1 hr.
Electives	9 hrs.	Electives	9 hrs.

Junior Year

First Semester		Second Semester	
Introduction to Teaching 300	3 hrs.	Classroom Administration, Organization and Management 304	3 hrs.
Principles of Teaching 301	3 hrs.	Educational Sociology 308	3 hrs.
History of Education 303	2 hrs.	Tests and Measurements 306	2 hrs.
Electives	8 hrs.	Electives	8 hrs.

Senior Year

First Semester		Second Semester	
Special Methods 400	2 hrs.	Special Methods 400	2 hrs.
Principles of Education 401	3 hrs.	Supervised Student Teaching 404	3-5 hrs.
Supervised Student Teaching 404	3-5 hrs.	Electives	11-9 hrs.
Electives	8-6 hrs.		

SCEDULE OF PROFESSIONAL COURSES REQUIRED FOR PROVISIONAL CERTIFICATES

Subjects:	Semester Hours	
	H. S.	Special
Educational Psychology	2 or 3	2 or 3
(Prerequisite; a course in General Psychology)		
Principles of Teaching	2 or 3	2 or 3
Administration, Organization, Management	2 or 3	2 or 3
Methods	2	2 or 4
Electives (chosen from the list below)		
enough when added to the courses above to total	14	14
History of Education	2 or 3	
Introduction to Teaching	2 or 3	
Tests and Measurements	2 or 3	
Educational Sociology	2 or 3	
Ohio School Law	2 or 3	
Any other educational subject	2 or 3	
Student Teaching (Number of hours determined by attainment and proficiency of the student)	3 to 5	3 to 5
Total professional requirements	17 to 19	17 to 19

Students who are preparing to teach should not undertake more than one college major and two college minors, thus assuring adequate scholarship in the subjects to be named on their provisional certificates. It is unlawful for a board of education to pay money to a teacher to teach a subject for which he has not been certified. It is understood, of course, that by taking additional college work holders of provisional or life certificates may add other subjects thereto as majors or minors or may convert minor subjects into majors.

Majors and minors with the high school prerequisites may be determined as follows:

ACADEMIC SUBJECTS

Major: 18 semester hours. Minor: 10 semester hours. Credit in any subject listed may be counted in the group to which it belongs.

	Subjects Included:	High School Prerequisites:
English	Public Speaking, Literature (High School Rhetoric, Classics)	3 units
History	Political Science, Civics	2 units
Social Science	Economics, sociology, ethics, philosophy, logic	1 unit
Biological Science	Biology, zoology, botany, phy- siology, agriculture (high school: general science)	1 unit
Physical Science	Physics, Chemistry (high school: general science)	2 units
Earth Science	Geology, geography, physiography (high school: general science)	1 unit
Mathematics	Algebra, geometry, trigonometry, astronomy, statistics, etc.	2 units
French, German, Spanish, Greek		2 units
Latin		4 units

Note: Methods courses in any of these subjects may be counted in computing majors and minors. Five semester hours of collegiate credit in any subject may be offered in lieu of each unit of the high school prerequisite in that subject.

LAW

School Year 1934-1935

(Twenty-sixth Year
Calendar 1934-1935)1934—Sept. 27 and 28—Registration of all students in Law
School for Fall quarter

Oct. 2—All classes meet

Dec. 21—Fall Quarter ends

1935—Jan. 4—Winter quarter begins. All classes meet

Mar. 22—Winter quarter ends

April 2—Spring quarter begins. All classes meet

June 21—Spring quarter ends

June 25—Summer quarter begins. All classes meet

Sept. 13—Summer quarter ends

Classes meet Tuesday and Friday from 7:00 to 8:30 P.
M. and 8:30 to 10:00 P. M.**THE QUARTER SYSTEM**

The College of Law operates on the quarter plan. The quarters are designated as Summer, Fall, Winter and Spring quarters, which open and close on the dates indicated on the calendar. Four quarters will constitute the year's work.

OBJECTIVES AND METHODS OF INSTRUCTION

The law instruction of the Youngstown College 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 method 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.

LIBRARY FACILITIES

The Law College maintains a Law Library of over five thousand volumes.

REQUIREMENTS FOR ADMISSION

Freshmen entering the Law School this Fall will be required to submit sixty semester hours credit in a Liberal Arts College to satisfy admission requirements.

DEGREES

The Youngstown College of Law is a member of The Ohio League of Law Colleges.

In February, 1920, the State of Ohio, through the State Superintendent of Public Instruction, authorized The Youngstown College of Law to confer the degree of Bachelor of Laws upon those who successfully complete the course of study. All graduates will receive the degree of Bachelor of Laws and the certificate allowing them to participate in the State Bar Examinations, contingent upon approval of the faculty.

The entire course of study as outlined in this catalog is required for graduation.

REQUIREMENTS FOR 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 Youngstown School of Law should ask at the office for instruction sheet regarding admission to the bar. Students living outside of 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 secure one of these sheets and study it carefully upon entering Law School to be sure that he or she has fulfilled all requirements.

FEES

Tuition is due and must be paid during the first week of the quarter. Registration is not complete and admission to classes will not be approved until all tuition has been paid or payments arranged with the Business Manager.

Tuition each quarter, \$40.00.

A ten percent discount will be allowed to those who pay cash on the opening evening of each quarter. Students who desire to pay on the installment plan must arrange to pay at least half of the tuition during the first three days of the quarter and the balance within the first two months of the quarter.

A fee of \$5.00 will be charged for conferring the LL. B. degree and must be paid sixty days before commencement.

COURSE OF STUDY

Leading to the Bachelor of Laws Degree

First Year

Subject	Semester Hours	Credit
Common Law Pleading	2	
Contracts	6	
Personal Property	2	
Torts	4	
Agency	2	

 16

Second Year

Subject	Semester Hours	Credit
Torts	2	
Criminal Law	2	
Real Property I.	2	
Negotiable Instruments	2	
Real Property II.	2	
Sales	2	
Real Property III.	2	
Bailments and Carriers	2	

 16

Third Year

Subject	Semester Hours	Credit
Equity	6	
Private Corporations	2	
Evidence	4	
Trusts	2	
Insurance	2	

 16

Fourth Year

Subject	Semester Hours	Credit
Municipal Corporations	2	
Quasi Contracts	2	
Partnership	2	
Suretyship	2	
Pleading and Practice	4	
Bankruptcy	2	
Domestic Relations	2	

 16

Fifth Year

Subject	Semester Hours	Credit
Wills	2	
Constitutional	4	
Mortgages	2	
Criminal Procedure	2	
Conflict of Law	2	

 12

 Total

 76

SCHEDULE OF CLASSES 1934-1935

(Classes meet Tuesday and Friday evenings)

FALL QUARTER

7:00—8:30	8:30—10:00
Common Law Pleading	Contracts
Real Property I	Torts

WINTER QUARTER

7:00—8:30	8:30—10:00
Agency	Contracts
Real Property II	Negotiable Instruments

SPRING QUARTER

7:00—8:30	8:30—10:00
Torts	Contracts
Real Property III	Sales

SUMMER QUARTER

7:00—8:30	8:30—10:00
Torts	Personal Property
Bailments and Carriers	Criminal Law

LECTURES

No examination will be held in the lectures, and they will not count toward a degree but attendance is required of all students.

1. Legal Ethics.
2. Probate Practice and Procedure.
3. Taxation Practice and Procedure.
4. Brief Making and Preparation of Cases.
5. Federal Jurisdiction and Procedure.
6. Jurisprudence.
7. Drafting and Construction of Statutes.

DESCRIPTION OF COURSES

AGENCY—Distinction between law of principal and 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.

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.

BANKRUPTCY—A study of the national bankruptcy act and its construction; who may be a bankrupt; who may be a petitioning creditor; acts of bankruptcy; provable claims; exemption and discharge.

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

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.

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.

CRIMINAL LAW—Sources of Criminal Law; the mental element in crime; locality in crime; parties in crime; criminal liability, generally and in special cases; crimes at common law; crimes statutory; and criminal procedure.

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.

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 consist of a study of equitable remedies.

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.

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.

CONSTITUTIONAL LAW—The increasing importance of sound and wide learning in the law, the multiplication of law books, and the infinite number of reported cases, have combined to make more needful than ever before a thorough knowledge of legal principles. A capable lawyer knows not only what is the law generally, but also its philosophy and history. We aim measurably to enable the student to attain this end by offering a critical study of the following: (1) the history of the law; (2) the juristic basis of the leading principles of the law; (3) the form in which these principles first appeared and the reasons for their appearance; (4) the changes and modifications they have undergone; (5) the causes of their death or survival; (6) the constitution of England and the United States.

MUNICIPAL CORPORATIONS—Creation, control, alteration, and dissolution of municipal corporations; their charters, proceedings, officers; and agents; powers of agents; assignees and beneficiaries.

NEGOTIABLE INSTRUMENTS—Drawing forms of negotiable paper, 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.

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.

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

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.

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.

QUASI—CONTRACTS—Nature of obligation; restitution at law for benefits conferred under mistake of fact or mistake of law; benefits conferred in mis-reliance 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.

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

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.

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.

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

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.

TORTS—This course calls the attention of the student sharply to the "Tripartite division of torts," to-wit (1) the damage element; (2) the causation element; and (3) the excuse element (justification, privilege). It is submitted that this classification is the most natural of any that has been made. The whole field of tort is studied in this manner.

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.

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.

NOTE—Casebooks to be announced later.

NOTICE—Subjects taught, hours of instruction, tuition charges, case books and degrees and all matters of a similar character are subject to change any time by the Dean and Director.

Pre-Professional

COURSES IN ENGINEERING

An increasingly large number of students of engineering are finding it profitable to complete the requirements for an A. B. degree in a liberal arts college before taking up the more specialized work of the engineering school. The advantages of this procedure are many. If sufficient work in the sciences is taken during the arts course the time of graduation from the engineering school is delayed but two years or less. This delay is, in many cases, a distinct advantage to the student in view of the early age at which many students now enter college. At the same time a liberal arts course forms a cultural background which should be found helpful to the engineer who may have executive and administrative duties along with his more technical work.

To meet this need, Youngstown College offers a four-year pre-engineering course leading to an A. B. degree in chemistry, mathematics, or physics. The suggested electives, both in the major and in other fields, are chosen and, in several cases, designed with the special requirements of the engineering student in mind. The student who completes this course in a satisfactory manner should not find it difficult to complete his work in an engineering school in two additional years.

Those students who find it impossible or undesirable to complete their work for an A. B. degree may modify their schedule in such a way that they may enter the third year of an engineering school after completing three years in Youngstown College. This modification is suggested in the three-year curriculum.

Students following the cooperative engineering curriculum as being worked out by Youngstown College will start on the cooperative basis after completing the first two years work.

Pre-Engineering Three-Year Plan

First Semester	First Year	Second Semester
Mathematics 111	2 hrs.	Mathematics 112 2 hrs.
Mathematics 103	3 hrs.	Mathematics 114 3 hrs.
Chemistry 109 or 111	4 hrs.	Chemistry 110 or 112 4 hrs.
Engineering Drawing 101	4 hrs.	Descriptive Geometry 102 4 hrs.
English 101	3 hrs.	English 102 3 hrs.
Physical Education	1 hr.	Physical Education 101 1 hr.
Second Year		
Calculus 209	5 hrs.	Calculus 5 hrs.
Chemistry 209	5 hrs.	Chemistry 203 5 hrs.
Physics 201	5 hrs.	Physics 202 5 hrs.
Physical Education 205	1 hr.	Physical Education 206 1 hr.

Third Year

Differential Equations 315 3 hrs.	Analytical Mechanics 314 3 hrs.
Economics 201 3 hrs.	Economics 202 3 hrs.
Language or Approved Electives 4 hrs.	Language or Approved Electives 4 hrs.

(Industrial Chemistry Option)

Organic Chemistry 304 5 hrs.	Organic Chemistry 306 3 hrs.
Physical Chemistry 311 3 hrs.	Physical Chemistry 312 3 hrs.

(Metallurgical Chemistry Option)

Physical Chemistry 311 3 hrs.	Physical Chemistry 312 3 hrs.
Metallurgy 313 2 hrs.	Metallurgy 316 2 hrs.

(Mechanical and Electrical Option)

Electricity 303 3 hrs.	Thermodynamics 308 3 hrs.
Electricity Lab. 305 2 hrs.	Electricity Lab. 306 2 hrs.

Four-Year Engineering Course Leading To An A. B. Degree, Major in Chemistry

First Semester

Second Semester

First Year

Mathematics 111 2 hrs.	Mathematics 112 2 hrs.
Mathematics 103 3 hrs.	Mathematics 114 3 hrs.
Chemistry 109 or 111 4 hrs.	Chemistry 110 or 112 4 hrs.
Engineering Drawing 101 3 hrs.	Descriptive Geometry 102 4 hrs.
English 101 3 hrs.	English 102 3 hrs.
Physical Education 101 1 hr.	Physical Education 102 1 hr.

Second Year

Calculus 209 5 hrs.	Calculus 210 5 hrs.
Chemistry 209 5 hrs.	Chemistry 203 5 hrs.
Physics 201 5 hrs.	Physics 202 5 hrs.
Physical Education 205 1 hr.	Physical Education 206 1 hr.

Third Year

Differential Equations 315 3 hrs.	Analytical Mechanics 314 3 hrs.
Economics 201 3 hrs.	Economics 202 3 hrs.
Foreign Language 4 hrs.	Foreign Language 4 hrs.
Organic Chemistry 304 5 hrs.	Organic Chemistry 306 3 hrs.
Metallurgy 313 2 hrs.	Metallurgy 316 2 hrs.

Fourth Year

Physical Chemistry 311 3 hrs.	Physical Chemistry 312 3 hrs.
Prin. of Chem. Eng. 325 3 hrs.	Prin. of Chem. Eng. 326 3 hrs.
Psychology 201 3 hrs.	Psychology 202 3 hrs.
Foreign Language 3 hrs.	Elective 3 hrs.
Elective 3 hrs.	Foreign Language 3 hrs.

**Four-Year Pre-Engineering Course For A. B. Degree
With Major in Physics or Mathematics**

First Semester

Second Semester

Freshman Year

College Algebra 111	2 hrs.	College Algebra 112	2 hrs.
Trigonometry 103	3 hrs.	Analytical Geometry 114	3 hrs.
Chemistry 109 or 111	4 hrs.	Chemistry 110 or 112	4 hrs.
Engineering Drawing 101	4 hrs.	Descriptive Geometry 102	4 hrs.
English 101	3 hrs.	English 102	3 hrs.
Physical Education 101	1 hr.	Physical Education 102	1 hr.

Sophomore Year

Calculus 209	5 hrs.	Calculus 210	5 hrs.
Physics 201	5 hrs.	Physics 202	5 hrs.
Chemistry 209	5 hrs.	Chemistry 203	5 hrs.
Physical Education 205	1 hr.	Physical Education 206	1 hr.

Junior Year

Differential Equations 315	3 hrs.	Analytical Mechanics 314	3 hrs.
Electricity 303	3 hrs.	Thermodynamics 308	3 hrs.
Electricity Lab. 305	2 hrs.	Electricity Lab. 306	2 hrs.
Economics 201	3 hrs.	Economics 202	3 hrs.
Foreign Language	3 or 4 hrs.	Foreign Language	3 or 4 hrs.

Senior Year

Theory of Light 401	3 hrs.	Modern Physical Theory 404	3 hrs.
or Vector Analysis 421	3 hrs.	or History of Mathematics 432	3 hrs.
Surveying 211	2 hrs.	Surveying 212	2 hrs.
Psychology 201	3 hrs.	Psychology 202	3 hrs.
Foreign Language	3 hrs.	Foreign Language	3 hrs.
Electives	5 hrs.	Electives	5 hrs.

PRE-MEDICAL COURSE

The minimum entrance requirements of schools of medicine of good standing are two years of college work. This work must include certain prescribed courses. Many schools require three years work for entrance and some the completion of the work for an A. B. degree before entering. A constantly increasing number of students, if not above the average age, are taking three years of college work or meeting the requirements for an A. B. degree with four years work before entering a school of medicine.

Of the seventy-six class A medical schools, nine, about twelve per cent, require bachelor's degree for entrance. In twenty-two others, three years of college work is required. The student with only two or three years of college is much more limited in the number of medical schools which he can qualify to enter.

Medical schools throughout the country are crowded and only those students whose pre-medical work in college is of superior quality can expect to be admitted to any first class medical college.

The following four-year courses are suggested with the work so arranged that at the end of the school year the generally required pre-medical work on a two-year plan is met. It may be varied to meet the special requirements of any particular medical school which the student would like to enter.

The student in following either of the courses outlined below, with a major in biology or a major in chemistry, should keep in mind that a well balanced education is essential for the best advancement of a doctor in medicine. He should also keep in mind that the science work lays an essential foundation for his advanced study.

Four-Year Pre-Medical Course Leading to an A. B. Degree Major in Biology or Chemistry

First Semester

Second Semester

First Year

Botany 103 or Zoology 101	4 hrs.	Botany 104 or Zoology 102	4 hrs.
General Chemistry 109 or 111	4 hrs.	Gen. Chem. 110 or 112	4 hrs.
English 101	3 hrs.	English 102	3 hrs.
French 101 or German 101	4 hrs.	French 102 or German 102	4 hrs.
Physical Education	1 hr.	Physical Education	1 hr.

Second Year

Physiology 101 or Zool. 101	4 hrs.	Physiology 102 or Zool. 102	4 hrs.
Chemistry 209	5 hrs.	Chemistry 203	5 hrs.
French 201 or German 201	3 hrs.	French 202 or German 202	3 hrs.
Mathematics 111	2 hrs.	Mathematics 112	2 hrs.
Mathematics 103	3 hrs.	Electives	2 hrs.
Physical Education	1 hr.		

Third Year

Organic Chemistry 205	3 hrs.	Bio. Chemistry 315	3 hrs.
Organic Chemistry Lab. 207	2 hrs.	Bio. Chemistry Lab. 317	2 hrs.
Embryology 204	4 hrs.	Bacteriology 205	4 hrs.
Physics 201	5 hrs.	Physics 202	5 hrs.
Elective	2 hrs.	Elective	2 hrs.

Fourth Year

Economics 201	3 hrs.	Psychology 201	3 hrs.
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(Biology Option)

Biological Sciences	4 hrs.	Biological Sciences	4 hrs.
Elective	8 hrs.	Elective	8 hrs.

(Chemistry Option)

Chemistry 311	3 hrs.	Chemistry 312	3 hrs.
Mathematics 209	5 hrs.	Mathematics 209	5 hrs.
Elective	4 hrs.	Elective	4 hrs.

If only a two-year pre-medical course is planned then physics should be taken in the second year.

REGISTER OF STUDENTS 1933-1934

FRESHMEN

Abery, Mary Jane, Youngstown
 Alias, John, Warren
 Albarr, Harvey, Youngstown
 Alexander, Lawrence, Poland
 Altier, Isabelle, Youngstown
 Altier, Pasquella, Youngstown
 Anderson, Astrid, Cortland
 Arsu, Virginia, Campbell
 Atkinson, Ivan, Youngstown
 Aarandt, William, Youngstown
 Babyak, Andrew, Youngstown
 Baer, Robert, Youngstown
 Balla, William, Youngstown
 Bara, Charles, Youngstown
 Baughman, William, Youngstown
 Bender, Ted, Youngstown
 Bennington, Ruth, Youngstown
 Bergstrom, Eleanor, Warren
 Biddlestone, William, Warren
 Bingham, Mary Ella, Youngstown
 Black, Elaine, Youngstown
 Black, Luke, Hubbard
 Blais, Neita, Youngstown
 Blair, Margaret, Youngstown
 Boldt, David, Youngstown
 Bower, Ethel, Youngstown
 Bower, Marion, Youngstown
 Boyer, Maxwell, Struthers
 Boyer, Watson, Poland
 Brauninger, Agnes, Youngstown
 Bremer, Jonas, Youngstown
 Brentlin, Nicholas, Bessemer, Pa.
 Brice, Ethel, Youngstown
 Bronson, Stanley, Sharpville
 Brooks, Howard, Youngstown
 Brooks, Nelson, Niles
 Brooks, Gordon, Niles
 Brown, William, Youngstown
 Bruce, Jean, Youngstown
 Bryson, Joseph, Youngstown
 Buciero, J. B., Girard
 Budak, Lewis, Campbell
 Barton, Calvin, Struthers
 Buyer, Virginia, Youngstown
 Callor, Harry, Youngstown
 Campbell, Edward, Youngstown
 Carman, Julia, Youngstown
 Catherman, James, Poland
 Chatham, John, Youngstown
 Chisnar, John, North Jackson
 Colter, Cyrus, Youngstown
 Conklin, Isabelle, Struthers
 Conway, Emmett, Struthers
 Conway, Errett, Struthers
 Cooper, Betty, Struthers
 Cosman, Theresa, Poland
 Cullie, James, Youngstown
 Daly, William, Youngstown
 Davidson, Joseph, Girard
 Davidson, Louis, Youngstown
 Davis, Doris, Poland
 Denham, Gene, Youngstown
 Dickhaut, Kathryn, Youngstown
 Dickson, James, Youngstown
 Dillon, James E., Youngstown
 Donico, Joseph G., Youngstown
 Dugan, Jared, Youngstown
 Eskman, Claude, New Middleton
 Evans, Edward, Jr., Youngstown
 Evans, Frank, Girard
 Farsa, Gus, Youngstown
 Fedash, Helen, Youngstown
 Fims, Max, Youngstown
 Foster, Harriet, McDonald
 French, Mary, Youngstown
 Gault, Lynn, North Jackson
 Gessaman, Dorothy, Youngstown
 George, Jessie, New Middlesex, Pa.
 Gogesch, Matilda, Campbell
 Goldstein, Bernard, Youngstown
 Golomb, Ben, Youngstown
 Graham, George, Youngstown
 Graneto, Marie, Youngstown
 Griffiths, James, Youngstown
 Hall, Jane, Youngstown
 Hanscome, Russell, Youngstown
 Hardy, Albert, Youngstown
 Harrison, Wilhelma, Youngstown
 Harshman, Max, Youngstown
 Harskovitz, Louis, Youngstown
 Hart, Lois, Youngstown
 Hays, Grant, Youngstown
 Higgins, Thomas, Girard
 Hoelen, Irvin, New Springfield
 Holly, George, Youngstown
 Hoover, Dallas, Youngstown
 Hoover, George, Struthers
 Hopkins, Ethel M., Youngstown
 Horton, William, Youngstown
 Hower, Wayne, Warren
 Hudson, George, Youngstown
 Hull, Robert, Youngstown
 Hutzen, Howard, Youngstown
 Inglis, Florence, Youngstown
 Isaman, Frederic, Youngstown
 Jarus, Joseph, Youngstown
 Jenkins, E. J., Niles
 Johnson, Helen, Youngstown
 Johnson, Mildred, Youngstown
 Jones, Katherine, Niles
 Jones, Rosina, Warren
 Joyce, Esther, Youngstown
 Kaminski, Walter, Youngstown
 Kennedy, Harold, Youngstown
 Kerr, Candace, Youngstown
 Kidston, Ward, Youngstown
 Kile, Betty, Struthers
 Killman, William, Youngstown
 King, Clifford, Youngstown
 King, Donald, Youngstown
 Kirkner, Robert, Youngstown
 Knittel, Carl, Youngstown
 Knox, Caroline, Youngstown
 Koczur, John, Girard
 Kopicinski, Francis, Youngstown
 Krasnoff, Louis, Warren
 Krichbaum, Marjorie, Youngstown
 Kuchty, Anne, Youngstown
 Kuchty, Walter, Youngstown
 Kurz, Elaine, Youngstown
 Kusnic, Joseph, Youngstown
 Lackey, William, Youngstown
 Lampilla, Albert, Youngstown
 Leach, Richard, Boardman
 Liebau, Johanna, Youngstown
 Ligarski, Stanley, Youngstown
 Lucas, Wilbert, Farrell, Pa.
 MacFarland, W. C., Warren
 McCallister, Robert, Youngstown
 McNicholas, Paul, Youngstown
 Malys, Stanley, Campbell
 Miller, Alexander, Campbell
 Mirkin, Minnie, Youngstown
 Moench, Phyllis, Youngstown
 Mogan, George, Farrell, Pa.
 Moretti, Carlo, Youngstown

FRESHMEN (Continued)

Morgan, Morris, Youngstown
 Morrow, Mildred, Farndale
 Mrmosh, Mike, Youngstown
 Muempfer, John, Youngstown
 Murchie, Eddie, Sharon
 Muretic, Mathew, Campbell
 Myers, Helen, Youngstown
 Nerone, Albert, Campbell
 Norling, Victor, Girard
 Nuth, James, Youngstown
 O'Brien, Richard, Niles
 O'Neill, John, Youngstown
 Opritza, Anna, Youngstown
 Opritza, Mose, Jr., Youngstown
 Orsary, Valentine, Youngstown
 Osinick, Sophia, Youngstown
 Owen, Dan, Youngstown
 Paden, Lorene, Youngstown
 Parry, Mathews, Boardman
 Patterson, John, Youngstown
 Patton, Donald, Youngstown
 Patton, Stewart, North Jackson
 Paul, Georgia, Youngstown
 Pauley, Helen, Warren
 Penfield, Mary Louise, Struthers
 Pitt, Elizabeth, Youngstown
 Price, Vivian, Youngstown
 Ratcliffe, Gwendolyn, Youngstown
 Rauch, Paul, Youngstown
 Raupple, Jean, Youngstown
 Ray, Robert, Youngstown
 Rhodes, Franklyn, Youngstown
 Rinaldo, Samuel, Youngstown
 Roberts, Eleanor, Struthers
 Rogers, Eleanor, Youngstown
 Rosapepe, Jack, Youngstown
 Rossman, Dave, Youngstown
 Sabino, Constance, Youngstown
 Saunders, John, Youngstown
 Scali, John, Youngstown
 Schaffer, Dorothea, Youngstown
 Schofield, Lillian, Youngstown
 Scullen, Joseph, Youngstown
 Seabrooks, Ruth, Youngstown
 Severin, John, Youngstown
 Shields, Lysle, Youngstown
 Shilling, Ray, Youngstown
 Short, Grace, Youngstown
 Schwartz, Ralph, Struthers
 Shy, Herman, Youngstown
 Sirbu, John, Sharline
 Skinner, Helene, Youngstown
 Slavin, Leon, Youngstown
 Smith, James, Youngstown
 Somatic, John, Wheatland, Pa.
 Spain, Fully, Warren
 Sondecker, Louis, Youngstown
 Speer, Mary, Sharon, Pa.
 Spong, Grant, Youngstown
 Stamper, Charlotte, Struthers
 Stine, Charles, Youngstown
 Stover, Nevin, Youngstown
 Strausbaugh, Jane, Youngstown
 Strain, Mildred, Struthers
 Stringer, Goethal, Girard
 Summers, Winifred, Youngstown
 Suraci, Frank, Youngstown
 Tceau, Ann, Youngstown
 Thomas, Helen, Youngstown
 Thomas, James, Youngstown
 Trikilis, Emmanuel, Campbell
 Tucciarone, Mamie, Hubbard
 Turley, Alvin, Girard
 Vansuch, Paul, Campbell
 Vaschak, Regina, Youngstown
 Volk, Ann, Youngstown
 Walker, Clarabelle, Youngstown
 Walters, R. E., Youngstown
 Wardle, Jay, Youngstown
 Waser, Harold, Mineral Ridge
 Welch, Ludt, Youngstown
 Welther, William, Youngstown
 Williams, Nathaniel, Youngstown
 Williams, Robert, Columbiana
 Wilson, Ruth, Youngstown
 Wierman, Charles, Girard
 Woodruff, Almeda, Girard
 Zackman, Esther, Girard

SOPHOMORES

Abrams, Alyce, Hubbard
 Albrecht, Fred, Campbell
 Alburn, Edgar, Youngstown
 Aley, Robert, Youngstown
 Andrews, George, Youngstown
 Bagnall, Marietta, Youngstown
 Barker, Edward, Youngstown
 Boccia, Ralph, Niles
 Bothwell, Mildred, Youngstown
 Boylan, Mary, Struthers
 Brownlee, Catherine, Youngstown
 Button, Alfred, Youngstown
 Caggiano, Vincent, Youngstown
 Chappell, Winifred, Burghill
 Clair, Mary, Niles
 Clemens, Jack, Youngstown
 Colleran, Marie, Youngstown
 Creed, Helen, Hubbard
 Diacandrew, Michael, Youngstown
 Dillon, Ralph, Youngstown
 Dingley, William, Youngstown
 Donahue, Edward, Youngstown
 D'Onofrio, Michael, Lowellville
 Dustman, Charlotte, Youngstown
 Fisher, Joseph, Lowellville
 Freed, Vance, Youngstown
 Friedrich, Marguerite, Youngstown
 Gardner, Ruth, Youngstown
 Gillam, James, Youngstown
 Gulfo, Frank, Youngstown
 Hoehle, Harry, Youngstown
 Humble, James A., Youngstown
 Johnson, Harold, Struthers
 Kemp, Fred, Youngstown
 Kirkner, William, Youngstown
 Kopp, Tania, Youngstown
 Krichbaura, Don, Youngstown
 Lewis, Robert, Niles
 Lindberg, Carl, Youngstown
 Lucarell, Rocco, Youngstown
 Lynch, Jack, Youngstown
 Lynden, Vincent, Youngstown
 McCallister, Charles, Youngstown
 Madley, Violet, Niles
 Malmer, Anne, Youngstown
 Margo, Joseph, Youngstown
 Maze, Guyia, Youngstown
 Michael, Albert, Warren
 Mockerman, Eugene, North Jackson
 Morris, Jerry, Youngstown
 Morrow, Jane, Youngstown
 Nichols, Shirley, Youngstown
 Nolan, Edgar, Youngstown
 Opritza, Daniel, Youngstown

SOPHOMORES (Continued)

Palmer, R. D., Youngstown
 Pear, Violet, Youngstown
 Penman, John, Hubbard
 Plesger, Mary Louise, Campbell
 Poalise, Dominic, Youngstown
 Porembski, Theodore, Youngstown
 Potor, Aurelia, Campbell
 Powers, Gene, Canfield
 Radcliffe, Maurice, Warren
 Randle, Elsie, Youngstown
 Reid, Jean, Youngstown
 Rich, James, Campbell
 Robinson, Helen, Hubbard
 Romig, Fred, Warren
 Rose, Herbert, Youngstown
 Rummel, June, Youngstown
 Sammons, Emily, Niles
 Searacchia, Teresa, Youngstown
 Schoechar, George, Youngstown
 Schaller, George, Youngstown

Shaw, Lois, Youngstown
 Slavin, Morris, Youngstown
 Smith, Earl, Youngstown
 Snyder, Elizabeth, Hubbard
 Snyder, Helene, Girard
 Stambaugh, Ray, Youngstown
 Steiner, David, North Lima
 Stevenson, David, Hubbard
 Stone, William, Youngstown
 Tartan, Elvira, Youngstown
 Titangos, George, Youngstown
 Ullman, Janis, Youngstown
 Wagner, Stewart, Youngstown
 Wendelken, Theodora, Youngstown
 Whiteside, Frances, Youngstown
 Whiteside, Virginia, Youngstown
 Wighton, Laurabelle, Youngstown
 Wike, Eleanor, Youngstown
 Wildman, Glenn, Niles
 Yasechko, Joseph, New Middleton

JUNIORS

Aley, Clyde, Youngstown
 Aley, Howard, Youngstown
 Allison, John, Youngstown
 Averbuck, Abe, Youngstown
 Barnes, Grace, Youngstown
 Best, William, Youngstown
 Bickler, Arch, Youngstown
 Brungard, Elizabeth, Youngstown
 Bush, Betty, Youngstown
 Button, Elizabeth, Youngstown
 Campbell, George, Youngstown
 Codrea, Ray, Youngstown
 Cole, Robert, Youngstown
 Cooper, David, Youngstown
 Cramer, Lawrence, Youngstown
 Cousins, James, Sharon, Pa.
 Dillens, F. J., Girard
 Dickson, Mae, Youngstown
 Dulak, Anne, Youngstown
 Donnan, Jeanne, Youngstown
 E'Zaruff, Stephen, Youngstown
 Eber, Donald, North Lima
 Evans, William G., Sharon
 Everth, Margaret, Youngstown
 Gambrel, Louis, Youngstown
 Gambrel, Mary, Youngstown
 Que, Myrtle, Struthers
 Habuda, Ted, Youngstown
 Hall, Helen, Youngstown
 Harness, Lillian, Youngstown
 Hathaway, Richard, Youngstown
 Haiselmann, David, Youngstown
 Hercules, Mary, Youngstown
 Hofmeister, Russell, Youngstown
 Holley, Raymond, Struthers
 James, Paul, Youngstown
 Jenkins, Vera, Youngstown
 Jones, E. B., Sharon
 Julius, Albert, Youngstown

Keister, Alden, Youngstown
 Kerr, George, Youngstown
 Konrad, Joseph, Girard
 Laughlin, Edward, Youngstown
 Lloyd, Thomas, Struthers
 Lyden, Coletta, Youngstown
 Lyden, Dan, Youngstown
 MacDonald, Thomas, Hubbard
 MacDonald, William, Hubbard
 McCorkle, Lloyd, Warren
 McDowell, Dorothy, Warren
 McFarland, Fred, Youngstown
 McKnight, Freda, Youngstown
 Migliarese, John, Lowellville
 Pheelan, William, Sharon
 Pose, Isaac, Sharon
 Price, Eunice, Youngstown
 Probst, William, Girard
 Raupple, John, Youngstown
 Riddle, Evelyn, Youngstown
 Ripple, Harold, Jr., Youngstown
 Roemer, John, Struthers
 Rowland, Fred, Youngstown
 Seaborne, Joseph, Jr., Mineral Ridge
 Shields, P. E., Youngstown
 Sieman, Harold, Warren
 Snyder, Carl, Sharon, Pa.
 Starr, Wilma, Youngstown
 Steel, Frances, Lowellville
 Stevens, Kenneth, Youngstown
 Terlecki, John, Youngstown
 Treudley, John, Youngstown
 Welsh, Mary Catherine, Youngstown
 Whittin, Fred, Youngstown
 Williams, James, Youngstown
 Zeigler, Charles, Youngstown
 Zhuck, Anna, Youngstown
 Zoss, Myron, Youngstown

SENIORS

Baldwin, Alvin, Youngstown
 Barker, William, North Lima
 Barr, Glennetta, Youngstown
 Bayowski, Emil, Mineral Ridge
 Boyce, Donald K., Mineral Ridge
 Brown, Olive, Hubbard
 Brown, Wilbur, Youngstown

Cacceno, Arthur, Youngstown
 Connor, Howard M., Youngstown
 Cooper, Mary, Struthers
 Daniels, Mary Ellen, Youngstown
 Davis, Lawrence C., Youngstown
 Deubery, Paul, Girard
 Fell, Howard, Youngstown

SENIORS (Continued)

Galicia, John, Hillsville
 Griffiths, Rachel, Youngstown
 Halferty, Arthur, Youngstown
 Higgins, Thomas, Youngstown
 Hone, Thomas, Girard
 Howell, Marion, Youngstown
 Humphrey, Edward, Youngstown
 Johnston, Thelma, Youngstown
 Jones, Grace, Youngstown
 Kline, Frank, Youngstown
 Kunicki, Bennett, Campbell
 Lehman, Clayton, Columbiana
 Leidy, Grace, Youngstown
 Leyshon, Randall, Girard
 McCandless, Donald, Farmdale
 McDermott, Beatrice, Youngstown
 McKay, Edward, Youngstown
 Maine, Nicholas, Youngstown
 Malborn, Marjorie, Youngstown
 Malmer, Michael M., Youngstown
 Miller, Alberta, Farrell, Pa.

Moore, Catherine, Youngstown
 Morrow, Frank, Farmdale
 Mulcahy, Charles, Youngstown
 Muldoon, Emily, Youngstown
 Myers, Wilfried, Struthers
 Nolan, Helen, Youngstown
 O'Connor, John, Youngstown
 Paddock, Edwin, Youngstown
 Phillips, James, Mineral Ridge
 Ramage, Russell, Youngstown
 Rook, William, P., Youngstown
 Rosapepe, Joseph, Youngstown
 Rudibaugh, John, Youngstown
 Rubeck, Anne, Youngstown
 Schultz, Robert, Youngstown
 Shermer, Robert, Youngstown
 Thompson, Edwin, Youngstown
 Turner, Mary, Youngstown
 Walker, Irene, Youngstown
 Walker, Paul, Youngstown
 Welsh, Edward, Youngstown

LAW

Armstrong, Lamar, Youngstown
 Aronson, George, East Liverpool
 Bolinger, Ray, Greenville, Pa.
 Bowman, George Jr., Salem
 Brown, William, Youngstown
 Bullock, Marshall, Youngstown
 Cain, Hayden, Youngstown
 Coy, Louise, Youngstown
 Clarke, Wilbur J., Youngstown
 Conway, Daniel, Youngstown
 Davidson, Louis, Youngstown
 Donahue, John L., Youngstown
 Dougherty, Paul, Youngstown
 Griffith, Alvin J., Youngstown
 Goldblatt, Louis L. (Dr.), Youngstown
 Holly, George F., Jr., Youngstown
 Johnson, Andrew L., Youngstown
 Johnson, A. L., Youngstown
 Kendall, Herbert, Youngstown

Knox, Robert C., Youngstown
 Knupp, Allen, Hubbard
 Kretzer, Isadore, Youngstown
 Kryzan, Francis, Youngstown
 McCracken, Chester, Youngstown
 Mastriani, Anne, Poland
 Mika, Felix S., Youngstown
 Moyer, Sidney, Youngstown
 Petrini, Victor, Sharon, Pa.
 Reich, David, Youngstown
 Rickert, Harold S., Struthers
 Russert, Harold, Youngstown
 See, Walter, Youngstown
 Shields, Mrs. Ina, New Castle, Pa.
 Sullivan, Robert, Youngstown
 Timlan, Dorothy, Youngstown
 Wester, Arthur E., Youngstown
 Witchey, R. A., Poland

SPECIAL STUDENTS

Amstutz, C. J., Youngstown
 Anderson, Oscar, Youngstown
 Anthony, Mrs. C. K., Youngstown
 Apuli, C. A., Youngstown
 Ashley, F. S., Youngstown
 Atkinson, Mabel, New Castle, Pa.
 Baldwin, Gertrude, Poland
 Barbato, Frank, Girard
 Barnhill, Gladys, Youngstown
 Barr, E. M., Youngstown
 Baughman, Hazel, Youngstown
 Bayowski, Eugene, Mineral Ridge
 Beige, Norma, Farrell, Pa.
 Billing, Ben, Poland
 Bingham, Margaret, Youngstown
 Birath, Louis, Youngstown
 Bird, Charles, Struthers
 Blair, James, Youngstown
 Boesel, Mrs. S. W., Niles
 Bohne, F. J. W., Niles
 Booth, N. F., Hubbard
 Bowden, Buryl, Youngstown
 Boyd, Clifford, Beaver Falls, Pa.
 Boylan, Don, Struthers
 Brown, Walter S., Youngstown
 Bucheit, Earl, Youngstown

Burkman, Linnea, Youngstown
 Bush, Mrs. C. M., Youngstown
 Byers, Lorenc, Youngstown
 Byrnes, James L., Warren
 Campbell, Jean, Youngstown
 Chapman, Helen, Youngstown
 Clarke, Ross H., Youngstown
 Clobaugh, Mildred, North Lima
 Cohen, Hyman, Youngstown
 Comstock, Edna, Youngstown
 Cook, Edward, Hubbard
 Copeland, Loyal, Youngstown
 Cozza, James A., Youngstown
 Craig, R. D., Youngstown
 Crawford, John A., Columbiana
 Crider, Alice, Niles
 Cushing, Ruth, Leetonia
 Davies, Martha, Hubbard
 Davis, Kenneth, Warren
 Davis, Robert, Niles
 Dean, Mary, Youngstown
 DeCarlo, John, Youngstown
 DeCenso, Frank, Youngstown
 DeCoffeur, Sally, Youngstown
 Dell, Edward, Youngstown
 DeWoody, Garnett, Youngstown

SPECIAL STUDENTS (Continued)

- Donahay, Lamar, Youngstown
 Dudley, George E., Jr., Youngstown
 Duer, Margaret, Youngstown
 Eldridge, Amy, Youngstown
 Ericson, Anna, Youngstown
 Estlin, Abe, Youngstown
 Evans, Alice, Youngstown
 Evans, Mrs. Flora E., Youngstown
 Evans, Glen H., Youngstown
 Evans, June, Youngstown
 Fedash, Helen, Youngstown
 Francis, Mark, Campbell
 Francis, Walter R., Youngstown
 Gabler, Miriam, Youngstown
 Gay, Francis, Youngstown
 Gaylon, Oscar, Youngstown
 Getchey, Alec, Youngstown
 Glass, William, Youngstown
 Gold, Sonia R., Youngstown
 Goldust, Mae, Youngstown
 Gow, Howard, Struthers
 Grace, Regis, Warren
 Greenberg, Raymond, Youngstown
 Griffith, William G., Youngstown
 Griffiths, J. R., Youngstown
 Gubbins, Irene, Youngstown
 Haber, Rose, Youngstown
 Hadley, Cecile, Youngstown
 Hadley, Mrs. E. T., Youngstown
 Halladay, Mary, Youngstown
 Hammer, W. C., Youngstown
 Hardy, Marjorie, Youngstown
 Harkins, Loretta, Youngstown
 Hartland, Elsie, Youngstown
 Hartshorn, Mrs. David, Youngstown
 Haskell, Lillian, Youngstown
 Hastings, Helena, Youngstown
 Hawkins, Sam, Youngstown
 Heinl, Max, Youngstown
 Herald, Jack, Youngstown
 Hewitt, William J., Wheatland, Pa.
 Hillman, Henry, Youngstown
 Hynes, Mary, Youngstown
 Irons, Leslie, Youngstown
 Jacobs, Helen, Youngstown
 Johns, Mrs. Cecil W., New Castle, Pa.
 Jones, Betty P., Youngstown
 Jones, W. L., Youngstown
 Justice, James D., Youngstown
 Kelly, Catherine, Youngstown
 Kennedy, J. N., Youngstown
 Kennedy, P. E., Youngstown
 Kennedy, Vera, Youngstown
 Kidder, C. P., Youngstown
 Kirkpatrick, H. J., Warren
 Klempay, Raymond, Youngstown
 Kraus, Odell, Youngstown
 Krause, Harry M., Youngstown
 Kurtz, Frederick, Youngstown
 Lawrence, C. H., Warren
 Laxer, John, Youngstown
 Leach, Donald, Youngstown
 Lehman, Eleanor, Columbiana
 Lenhardt, John, Lowellville
 Lettau, Joseph L., Youngstown
 Liming, Glenna, Youngstown
 Lindgren, Hildur, Youngstown
 Locher, Loretta M., Youngstown
 Long, Gladys, Youngstown
 Losh, Nellie, Youngstown
 Luce, H. H., Warren
 Lyden, John, Youngstown
 McBain, W. C., Youngstown
 McCall, Alene, Youngstown
 McComas, Luella, Youngstown
 McComiah, John, Youngstown
 McCurry, E. M., Columbiana
 McKinney, Mrs. C., Warren
 McPhee, Mrs. Mary, Youngstown
 Manley, Mary, Youngstown
 Manns, Esther, Youngstown
 Marks, James, Youngstown
 Maro, Michael, Youngstown
 Marshall, J. E., Youngstown
 Matlago, Pearl, Youngstown
 Mayer, Margaret, Youngstown
 Meshot, Fannie, Hubbard
 Meyers, Lewis, Lowellville
 Miller, Delbert, Youngstown
 Miller, Mrs. S. M., Youngstown
 Milleysack, John, Youngstown
 Moderilli, James, Youngstown
 Montani, Mrs. A. C., Youngstown
 Morgan, Mrs. K., Youngstown
 Morris, Frank, Youngstown
 Mullane, W. N., Youngstown
 Neilson, Ruth, Youngstown
 Nilsson, Rodney, Youngstown
 Nimmer, Joseph, Youngstown
 Nyiro, Alex, Youngstown
 Orlando, Rose, Warren
 Packer, William F., Warren
 Pearsall, Frank, Hubbard
 Peterson, Harry, Youngstown
 Petritich, John, Youngstown
 Popescu, P. L., Youngstown
 Port, C. E., Youngstown
 Reep, Edwin, Girard
 Repasky, Margaret, Youngstown
 Rice, Elizabeth, Youngstown
 Rice, Sue, Youngstown
 Richey, Marion, Youngstown
 Riddle, Clem, Youngstown
 Rienerth, Herman, Poland
 Risley, Samuel D., Youngstown
 Roberts, F. A., Youngstown
 Rose, Flora, Youngstown
 Rosenblum, Muriel, Youngstown
 Roth, Pauline, Niles
 Saunders, William J., Youngstown
 Sayers, Laura, Niles
 Scherl, Henry, Youngstown
 Schwartz, Victor, Youngstown
 Scott, William, Youngstown
 Shale, Paul, Youngstown
 Shasteen, W. A., East Palestine
 Sheller, Clarence, Youngstown
 Sherman, Beatrice, Youngstown
 Siefert, Eileen, Youngstown
 Siegle, Frieda, Youngstown
 Simon, Elizabeth, Youngstown
 Simons, Sarah, Youngstown
 Smith, Carl J., Youngstown
 Smith, J. D., Youngstown
 Snyder, John, Youngstown
 Snyder, Margaret, Youngstown
 Sporer, Wanda, Poland
 Stansbury, F. C., Youngstown
 Steele, Warren, Youngstown
 Stillbrook, Thomas, Warren
 Stillson, Charles, Youngstown
 Stillson, Charles W., Youngstown
 Stillson, Lloyd T., Youngstown
 Stobbs, Mrs. M. A., Youngstown
 Strain, W. A., Youngstown
 Stroh, Edna, Youngstown
 Summers, Isabelle, Youngstown
 Tarzan, Stephen J., Youngstown
 Terbot, William, Youngstown
 Thomas, Marjorie, Youngstown
 Thompson, Helen, Youngstown
 Thompson, James, Sharpsville, Pa.

SPECIAL STUDENTS (Continued)

Thompson, Samuel, Youngstown	White, Jack, Mineral Ridge
Trunk, J. W., Youngstown	Whitmore, Hazel, Youngstown
Tymochko, Dr. Walter, North Jackson	Widing, Rodger, Youngstown
Velte, Margaret, Youngstown	Wierman, Helen, Youngstown
Vlaisie, Mathew, Youngstown	Wike, Hazel J., Youngstown
Volosin, Catherine, Poland	Williams, Mrs. Colt, Youngstown
Walsh, T. Carl, Youngstown	Williams, James M., Youngstown
Ward, Thelma, Youngstown	Williams, Joe, Youngstown
Watkins, Carolyn, Youngstown	Williams, Joseph, Youngstown
Watkins, Frank, Youngstown	Williams, Pauline, Canfield
Weekly, Bertha, Youngstown	Wilson, William, Youngstown
Wentz, Robert, Sharon, Pa.	Zamary, Fred, Campbell
Wheale, Francis W., Warren	

DEGREES CONFERRED, 1933

Bachelor of Arts

June, 1933

Beaumier, George Newell	Hubbard
Gulanish, Sally	Youngstown
Hawkins, Pearl Terry	Linesville, Pa.
James, Mary O.	Youngstown
Keyser, Florence Pauline	Youngstown
Kramer, G. B., Dr.	Youngstown
Lessner, Milton Henry	Youngstown
Lindsay, Sadie May	Youngstown
McClurg, James H.	Youngstown
McGowan, Joseph Francis, Dr.	Youngstown
Madley, Violet Elizabeth	Girard
Mahir, Mary Eileen	Youngstown
Naples, Felix John	Youngstown
O'Brien, James Thomas	Youngstown
Peterson, Harry William	Youngstown
Reigelman, Alvin William	Youngstown
Roberts, Ruth Eunice	Youngstown
Shale, Paul Donald	Youngstown
Summers, Isabelle Marcella	Youngstown
Thompson, Beryl Julia	Youngstown
Vinopal, Alvin C.	Youngstown
Whitmore, Hazel	Youngstown
Wilson, Mabel Beryl	Youngstown
Zamary, Frederick P.	Youngstown

Bachelor of Laws

Economus, Constantine G.	Youngstown
Fellers, Roy Randolph	Youngstown
Grant, Warren	Youngstown
Knupp, Allan E.	Hubbard
Kramer, G. B., Dr.	Youngstown
Perkins, Jere Richard	Poland
Resch, Paul H.	Youngstown
Smeltzer, D. H., Dr.	Youngstown
Wright, Walter Carter	Warren

Bachelor of Commercial Science

Ault, John E., Jr.	Youngstown
Briggs, William Edward	Youngstown
McLaughlin, Francis E.	Youngstown
Manley, Josephine P.	Youngstown
Maple, George William	Farmdale
Mealy, Harry Wallace, Jr.	Youngstown
Rodkey, Jay	Youngstown
Wilson, Harold J.	Canfield
Woodford, Earl L.	Brookfield

SUMMARY OF STUDENTS

For the year 1933-1934

Freshmen	234
Sophomores	94
Juniors	77
Seniors	56
Law	37
Special	229
Total	727

INDEX

Admission Requirements	1
Board of Governors	1
Board of Trustees	1
Business Administration, Suggested Curriculum	5
College Calendar	1
Degrees	1
Degrees, Requirements for	1
Degrees Conferred 1933	7
Description of Courses	2
Education	
Suggested Curriculum	5
Professional Requirements for Provisional Certificates	5
Engineering, Suggested Curriculum	1
Executive Committee	1
Faculty	1
Fees and Expenses	1
Grade Requirements	1
Law	
Law School Committee	1
Calendar	5
Requirements for Admission	1
Degrees	5
Major and Minor Requirements	1
Officers of Administration	1
Pre-Medical Course	7
Registration	1
Register of Students	7

14
4
7
51
3
16
17
79
25

Youngstown College

BULLETIN

Catalog Number for the Year
1935-1936

54
55
68
6
10
16
19

Co-Educational



YOUNGSTOWN, OHIO